

# FlashRunner Device List

(Updated 31/12/22)

## Adesto



Device Code	Family	Protocol(s)	Memory Size	Algorithm
AT25SF041	Serial Memories	SPI	4M bit	SERMEM_C
AT25SF161	Serial Memories	SPI	16M bit	SERMEM_C
AT45DB081E	Serial Memories	SPI	8M bit	SERMEM

## Altera



Device Code	Family	Protocol(s)	Memory Size	Algorithm
EPM3256A	MAX3000A	JTAG	--	CPLD_A
EPM1270	MAXII	JTAG	--	CPLD_A
EPM2210	MAXII	JTAG	--	CPLD_A
EPM240	MAXII	JTAG	--	CPLD_A
EPM570	MAXII	JTAG	--	CPLD_A

## Analog Devices



Device Code	Family	Protocol(s)	Memory Size	Algorithm
ADP1048W	ADP10XX	PMBus	8K bytes	ANDEV_A

## Atmel



Device Code	Family	Protocol(s)	Memory Size	Algorithm
AT90CAN128	AT90 (AVR8)	SPI, JTAG	64K word + 4K byte	AVR8
AT90CAN32	AT90 (AVR8)	SPI, JTAG	16K word + 1K byte	AVR8
AT90CAN64	AT90 (AVR8)	SPI, JTAG	32K word + 2K byte	AVR8
AT90PWM1	AT90 (AVR8)	SPI	4K word + 512 byte	AVR8
AT90PWM161	AT90 (AVR8)	SPI	8K word + 512 byte	AVR8
AT90PWM2	AT90 (AVR8)	SPI	4K word + 512 byte	AVR8
AT90PWM216	AT90 (AVR8)	SPI	8K word + 512 byte	AVR8
AT90PWM2B	AT90 (AVR8)	SPI	4K word + 512 byte	AVR8
AT90PWM3	AT90 (AVR8)	SPI	4K word + 512 byte	AVR8
AT90PWM316	AT90 (AVR8)	SPI	8K word + 512 byte	AVR8
AT90PWM3B	AT90 (AVR8)	SPI	4K word + 512 byte	AVR8
AT90PWM81	AT90 (AVR8)	SPI	4K word + 512 byte	AVR8
AT90USB1286	AT90 (AVR8)	SPI	64K word + 4K byte	AVR8
AT90USB1287	AT90 (AVR8)	SPI	64K word + 4K byte	AVR8

**Atmel**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
AT90USB162	AT90 (AVR8)	SPI	8K word + 512 byte	AVR8
AT90USB646	AT90 (AVR8)	SPI	32K word + 2K byte	AVR8
AT90USB647	AT90 (AVR8)	SPI	32K word + 2K byte	AVR8
AT90USB82	AT90 (AVR8)	SPI	4K word + 512 byte	AVR8
AT91FR4042	AT91 (ARM7)	JTAG	512K byte	ARM7
AT91R40008	AT91 (ARM7)	JTAG	0 byte	ARM7
AT91SAM7S128	AT91 (ARM7)	JTAG	128K byte	ARM7
AT91SAM7S256	AT91 (ARM7)	JTAG	256K byte	ARM7
AT91SAM7S32	AT91 (ARM7)	JTAG	32K byte	ARM7
AT91SAM7S321	AT91 (ARM7)	JTAG	32K byte	ARM7
AT91SAM7S512	AT91 (ARM7)	JTAG	512K byte	ARM7
AT91SAM7S64	AT91 (ARM7)	JTAG	64K byte	ARM7
AT91SAM7SE256	AT91 (ARM7)	JTAG	256K byte	ARM7
AT91SAM7SE32	AT91 (ARM7)	JTAG	32K byte	ARM7
AT91SAM7SE512	AT91 (ARM7)	JTAG	512K byte	ARM7
AT91SAM7X128	AT91 (ARM7)	JTAG	128K byte	ARM7
AT91SAM7X256	AT91 (ARM7)	JTAG	256K byte	ARM7
AT91SAM7X512	AT91 (ARM7)	JTAG	512K byte	ARM7
AT91SAM7XC128	AT91 (ARM7)	JTAG	128K byte	ARM7
AT91SAM7XC256	AT91 (ARM7)	JTAG	256K byte	ARM7
AT91SAM7XC512	AT91 (ARM7)	JTAG	512K byte	ARM7
ATMEGA128	ATMEGA (AVR8)	SPI	64K word + 4K byte	AVR8
ATMEGA1280	ATMEGA (AVR8)	SPI	64K word + 4K byte	AVR8
ATMEGA1280V	ATMEGA (AVR8)	SPI	64K word + 4K byte	AVR8
ATMEGA1281	ATMEGA (AVR8)	SPI	64K word + 4K byte	AVR8
ATMEGA1281V	ATMEGA (AVR8)	SPI	64K word + 4K byte	AVR8
ATMEGA1284	ATMEGA (AVR8)	SPI	64K word + 4K byte	AVR8
ATMEGA1284P	ATMEGA (AVR8)	SPI	64K word + 4K byte	AVR8
ATMEGA128A	ATMEGA (AVR8)	JTAG	64K word + 4K byte	AVR8
ATMEGA128L	ATMEGA (AVR8)	SPI	64K word + 4K byte	AVR8
ATMEGA16	ATMEGA (AVR8)	SPI, JTAG	8K word + 512 byte	AVR8
ATMEGA162	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA162V	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA164A	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA164P	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA164PA	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA164PV	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA165	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA165P	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA165PV	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA165V	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA168	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8

**Atmel**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
ATMEGA168A	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA168P	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA168PA	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA168PV	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA168V	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA169	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA169P	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA169PV	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA169V	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA16L	ATMEGA (AVR8)	SPI	8K word + 512 byte	AVR8
ATMEGA2560	ATMEGA (AVR8)	SPI	128K word + 4K byte	AVR8
ATMEGA2560V	ATMEGA (AVR8)	SPI	128K word + 4K byte	AVR8
ATMEGA2561	ATMEGA (AVR8)	SPI	128K word + 4K byte	AVR8
ATMEGA2561V	ATMEGA (AVR8)	SPI	128K word + 4K byte	AVR8
ATMEGA2564RFR2	ATMEGA (AVR8)	SPI, JTAG	128K word + 8K bytes	AVR8
ATMEGA256RFR2	ATMEGA (AVR8)	SPI, JTAG	128K word + 8K bytes	AVR8
ATMEGA32	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA324A	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA324P	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA324PA	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA324PV	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA325	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA3250	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA3250V	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA325A	ATMEGA (AVR8)	JTAG, SPI	16K word + 1K byte	AVR8
ATMEGA325V	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA328	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA328P	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA328PB	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA328PV	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA329	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA3290	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA3290P	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA3290PV	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA3290V	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA329P	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA329PV	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA329V	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA32C1	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA32L	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA32M1	ATMEGA (AVR8)	SPI	16K word + 1K byte	AVR8
ATMEGA48	ATMEGA (AVR8)	SPI	2K word + 256 byte	AVR8

**Atmel**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
ATMEGA48A	ATMEGA (AVR8)	SPI	2K word + 256 byte	AVR8
ATMEGA48P	ATMEGA (AVR8)	SPI	2K word + 256 byte	AVR8
ATMEGA48PA	ATMEGA (AVR8)	SPI	2K word + 256 byte	AVR8
ATMEGA48PV	ATMEGA (AVR8)	SPI	2K word + 256 byte	AVR8
ATMEGA48V	ATMEGA (AVR8)	SPI	2K word + 256 byte	AVR8
ATMEGA64	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA640	ATMEGA (AVR8)	SPI	32K word + 4K byte	AVR8
ATMEGA640V	ATMEGA (AVR8)	SPI	32K word + 4K byte	AVR8
ATMEGA644	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA644A	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA644P	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA644PA	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA644PV	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA644V	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA645	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA6450	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA6450V	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA645V	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA649	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA6490	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA6490V	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA649A	ATMEGA (AVR8)	SPI	32K word + 2K bytes	AVR8
ATMEGA649P	ATMEGA (AVR8)	SPI	32K word + 2K bytes	AVR8
ATMEGA649V	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA64C1	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA64L	ATMEGA (AVR8)	SPI, JTAG	32K word + 2K byte	AVR8
ATMEGA64M1	ATMEGA (AVR8)	SPI	32K word + 2K byte	AVR8
ATMEGA8	ATMEGA (AVR8)	SPI	4K word + 512 byte	AVR8
ATMEGA8515	ATMEGA (AVR8)	SPI	4K word + 512 byte	AVR8
ATMEGA8515L	ATMEGA (AVR8)	SPI	4K word + 512 byte	AVR8
ATMEGA8535	ATMEGA (AVR8)	SPI	4K word + 512 byte	AVR8
ATMEGA8535L	ATMEGA (AVR8)	SPI	4K word + 512 byte	AVR8
ATMEGA88	ATMEGA (AVR8)	SPI	4K word + 512 byte	AVR8
ATMEGA88A	ATMEGA (AVR8)	SPI	4K word + 512 byte	AVR8
ATMEGA88P	ATMEGA (AVR8)	SPI	4K word + 512 byte	AVR8
ATMEGA88PA	ATMEGA (AVR8)	SPI	4K word + 512 byte	AVR8
ATMEGA88PV	ATMEGA (AVR8)	SPI	4K word + 512 byte	AVR8
ATMEGA88V	ATMEGA (AVR8)	SPI	4K word + 512 byte	AVR8
ATMEGA8L	ATMEGA (AVR8)	SPI	4K word + 512 byte	AVR8
AT32UC3C1512	Atmel	JTAG	512K byte	AVR32
ATSAM4CMP16CA	ATSAM4	JTAG	1M byte	ATSAM
ATSAMB11ZR	ATSAMB	SWD	256K bytes	ATSAM

**Atmel**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
ATSAMD20G17A	ATSAMD	SWD	128K bytes	ATSAM
ATSAMD21E15A	ATSAMD	SWD	32K bytes	ATSAM
ATSAMD21E16L	ATSAMD	SWD	64K bytes	ATSAM
ATSAMD21E17A	ATSAMD	SWD	128K bytes	ATSAM
ATSAMD21E18A	ATSAMD	SWD	256K bytes	ATSAM
ATSAMD21G15A	ATSAMD	SWD	32K bytes	ATSAM
ATSAMD21G15B	ATSAMD	SWD	32K bytes	ATSAM
ATSAMD21G16L	ATSAMD	SWD	64K bytes	ATSAM
ATSAMD21G17D	ATSAMD	SWD	128K bytes	ATSAM
ATSAMD21G17L	ATSAMD	SWD	128K bytes	ATSAM
ATSAMD21G18A	ATSAMD	SWD	256K bytes	ATSAM
ATSAMDA1E16A	ATSAMD	SWD	64K bytes	ATSAM
ATSAMDA1J16A	ATSAMD	SWD	64K bytes	ATSAM
ATSAMDA1J16B	ATSAMD	SWD	64K bytes	ATSAM
ATSAMHA1G16A	ATSAMH	SWD	64K bytes	ATSAM
ATSAMR21E18A	ATSAMR	SWD	256K bytes	ATSAM
ATSAMR21E19A	ATSAMR	SWD	256K bytes	ATSAM
ATA6617C	ATTINY (AVR8)	SPI	8K word + 512 byte	AVR8
ATTINY12	ATTINY (AVR8)	SPI	512 word + 64 byte	AVR8
ATTINY12L	ATTINY (AVR8)	SPI	512 word + 64 byte	AVR8
ATTINY12V	ATTINY (AVR8)	SPI	512 word + 64 byte	AVR8
ATTINY13	ATTINY (AVR8)	SPI	512 word + 64 byte	AVR8
ATTINY13V	ATTINY (AVR8)	SPI	512 word + 64 byte	AVR8
ATTINY15L	ATTINY (AVR8)	SPI	256 word + 64 byte	AVR8
ATTINY2313	ATTINY (AVR8)	SPI	1K word + 128 byte	AVR8
ATTINY2313V	ATTINY (AVR8)	SPI	1K word + 128 byte	AVR8
ATTINY24	ATTINY (AVR8)	SPI	1K word + 128 byte	AVR8
ATTINY24A	ATTINY (AVR8)	SPI	1K word + 128 byte	AVR8
ATTINY24V	ATTINY (AVR8)	SPI	1K word + 128 byte	AVR8
ATTINY25	ATTINY (AVR8)	SPI	1K word + 128 byte	AVR8
ATTINY25V	ATTINY (AVR8)	SPI	1K word + 128 byte	AVR8
ATTINY26	ATTINY (AVR8)	SPI	1K word + 128 byte	AVR8
ATTINY261	ATTINY (AVR8)	SPI	1K word + 256 byte	AVR8
ATTINY261A	ATTINY (AVR8)	SPI	1K word + 256 byte	AVR8
ATTINY261V	ATTINY (AVR8)	SPI	1K word + 256 byte	AVR8
ATTINY26L	ATTINY (AVR8)	SPI	1K word + 128 byte	AVR8
ATTINY44	ATTINY (AVR8)	SPI	2K word + 256 byte	AVR8
ATTINY44A	ATTINY (AVR8)	SPI	2K word + 256 byte	AVR8
ATTINY44V	ATTINY (AVR8)	SPI	2K word + 256 byte	AVR8
ATTINY45	ATTINY (AVR8)	SPI	2K word + 256 byte	AVR8
ATTINY45V	ATTINY (AVR8)	SPI	2K word + 256 byte	AVR8
ATTINY461	ATTINY (AVR8)	SPI	2K word + 256 byte	AVR8

**Atmel**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
ATTINY461A	ATTINY (AVR8)	SPI	2K word + 256 byte	AVR8
ATTINY461V	ATTINY (AVR8)	SPI	2K word + 256 byte	AVR8
ATTINY48	ATTINY (AVR8)	SPI	2K word + 64 byte	AVR8
ATTINY84	ATTINY (AVR8)	SPI	4K word + 512 byte	AVR8
ATTINY841	ATTINY (AVR8)	SPI	4k word + 512 byte	AVR8
ATTINY84A	ATTINY (AVR8)	SPI	4K word + 512 byte	AVR8
ATTINY84V	ATTINY (AVR8)	SPI	4K word + 512 byte	AVR8
ATTINY85	ATTINY (AVR8)	SPI	4K word + 512 byte	AVR8
ATTINY85V	ATTINY (AVR8)	SPI	4K word + 512 byte	AVR8
ATTINY861	ATTINY (AVR8)	SPI	4K word + 512 byte	AVR8
ATTINY861A	ATTINY (AVR8)	SPI	4k word	AVR8
ATTINY861V	ATTINY (AVR8)	SPI	4K word + 512 byte	AVR8
ATTINY88	ATTINY (AVR8)	SPI	4K word + 64 byte	AVR8
ATXMEGA128A1	ATXMEGA	JTAG, PDI	136 Kbyte + 2 Kbyte	ATXMEGA
ATXMEGA128A3	ATXMEGA	JTAG, PDI	136 Kbyte + 2 Kbyte	ATXMEGA
ATXMEGA128A4	ATXMEGA	PDI	136 Kbyte + 2 Kbyte	ATXMEGA
ATXMEGA128D3	ATXMEGA	PDI	136 Kbyte + 2 Kbyte	ATXMEGA
ATXMEGA16A4	ATXMEGA	PDI	20 Kbyte + 1 Kbyte	ATXMEGA
ATXMEGA16A4U	ATXMEGA	PDI	20K bytes + 2K bytes	ATXMEGA
ATXMEGA16D4	ATXMEGA	PDI	20 Kbyte + 1 Kbyte	ATXMEGA
ATXMEGA192A1	ATXMEGA	JTAG, PDI	200 Kbyte + 2 Kbyte	ATXMEGA
ATXMEGA192A3	ATXMEGA	JTAG, PDI	200 Kbyte + 2 Kbyte	ATXMEGA
ATXMEGA256A1	ATXMEGA	JTAG, PDI	264 Kbyte + 4 Kbyte	ATXMEGA
ATXMEGA256A3	ATXMEGA	JTAG, PDI	264 Kbyte + 4 Kbyte	ATXMEGA
ATXMEGA256A3U	ATXMEGA	JTAG, PDI	264 Kbyte + 4 Kbyte	ATXMEGA
ATXMEGA256D3	ATXMEGA	PDI	264 Kbyte + 4 Kbyte	ATXMEGA
ATXMEGA32A4	ATXMEGA	PDI	36 Kbyte + 1 Kbyte	ATXMEGA
ATXMEGA32D4	ATXMEGA	PDI	36 Kbyte + 1 Kbyte	ATXMEGA
ATXMEGA32E5	ATXMEGA	PDI	36 Kbyte + 1 Kbyte	ATXMEGA
ATXMEGA64A1	ATXMEGA	JTAG, PDI	68 Kbyte + 2 Kbyte	ATXMEGA
ATXMEGA64A3	ATXMEGA	JTAG, PDI	68 Kbyte + 2 Kbyte	ATXMEGA
ATXMEGA64A4	ATXMEGA	PDI	68 Kbyte + 2 Kbyte	ATXMEGA
ATXMEGA64D3	ATXMEGA	PDI	68 Kbyte + 2 Kbyte	ATXMEGA
ATXMEGA64D4	ATXMEGA	PDI	68 Kbyte + 2 Kbyte	ATXMEGA
ATXMEGA8E5	ATXMEGA	PDI	10 Kbyte + 0,5 Kbyte	ATXMEGA
AT24C01A	Serial Memories	I2C	1K bit	SERMEM
AT24C01B	Serial Memories	I2C	1K bit	SERMEM
AT24C02	Serial Memories	I2C	2K bit	SERMEM
AT24C02A	Serial Memories	I2C	2K bit	SERMEM
AT24C02B	Serial Memories	I2C	2K bit	SERMEM
AT24C04	Serial Memories	I2C	4K bit	SERMEM
AT24C04A	Serial Memories	I2C	4K bit	SERMEM

**Atmel**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
AT24C08A	Serial Memories	I2C	8K bit	SERMEM
AT24C1024	Serial Memories	I2C	1M bit	SERMEM
AT24C1024B	Serial Memories	I2C	1M bit	SERMEM
AT24C11	Serial Memories	I2C	1K bit	SERMEM
AT24C128	Serial Memories	I2C	128K bit	SERMEM
AT24C128B	Serial Memories	I2C	128K bit	SERMEM
AT24C16A	Serial Memories	I2C	16K bit	SERMEM
AT24C16B	Serial Memories	I2C	16K bit	SERMEM
AT24C256	Serial Memories	I2C	256K bit	SERMEM
AT24C256B	Serial Memories	I2C	256K bit	SERMEM
AT24C32	Serial Memories	I2C	32K bit	SERMEM
AT24C32A	Serial Memories	I2C	32K bit	SERMEM
AT24C32C	Serial Memories	I2C	32K bit	SERMEM
AT24C32D	Serial Memories	I2C	32K bit	SERMEM
AT24C512	Serial Memories	I2C	512K bit	SERMEM
AT24C512B	Serial Memories	I2C	512K bit	SERMEM
AT24C64A	Serial Memories	I2C	64K bit	SERMEM
AT24C64C	Serial Memories	I2C	64K bit	SERMEM
AT24HC02B	Serial Memories	I2C	2K bit	SERMEM
AT25010A	Serial Memories	SPI	1K bit	SERMEM
AT25020A	Serial Memories	SPI	2K bit	SERMEM
AT25040A	Serial Memories	SPI	4K bit	SERMEM
AT25080A	Serial Memories	SPI	8K bit	SERMEM
AT25128A	Serial Memories	SPI	128K bit	SERMEM
AT25160A	Serial Memories	SPI	16K bit	SERMEM
AT25256A	Serial Memories	SPI	256K bit	SERMEM
AT25320A	Serial Memories	SPI	32K bit	SERMEM
AT25512	Serial Memories	SPI	512K bit	SERMEM
AT25640A	Serial Memories	SPI	64K bit	SERMEM
AT25DF041A	Serial Memories	SPI	4M bit	SERMEM
AT25DF081A	Serial Memories	SPI	8M bit	SERMEM
AT25DF321A	Serial Memories	SPI	32M bit	SERMEM
AT25F1024A	Serial Memories	SPI	1M bit	SERMEM
AT25F2048	Serial Memories	SPI	2M bit	SERMEM
AT25F4096	Serial Memories	SPI	4M bit	SERMEM
AT25F512A	Serial Memories	SPI	512K bit	SERMEM
AT25F512B	Serial Memories	SPI	512K bit	SERMEM
AT25FS010	Serial Memories	SPI	1M bit	SERMEM
AT25FS040	Serial Memories	SPI	4M bit	SERMEM
AT25HP256	Serial Memories	SPI	256K bit	SERMEM
AT25HP512	Serial Memories	SPI	512K bit	SERMEM
AT25P1024	Serial Memories	SPI	512K bit	SERMEM

**Atmel**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
AT25SF641	Serial Memories	SPI	64M bit	SERMEM_C
AT26DF081A	Serial Memories	SPI	8M bit	SERMEM
AT26DF161	Serial Memories	SPI	16M bit	SERMEM
AT26DF161A	Serial Memories	SPI	16M bit	SERMEM
AT26DF321	Serial Memories	SPI	32M bit	SERMEM
AT34C02C	Serial Memories	I2C	2K bit	SERMEM
AT45DB011D	Serial Memories	SPI	1M bit	SERMEM
AT45DB021D	Serial Memories	SPI	2M bit	SERMEM
AT45DB041D	Serial Memories	SPI	4M bit	SERMEM
AT45DB081D	Serial Memories	SPI	8M bit	SERMEM
AT45DB161D	Serial Memories	SPI	16M bit	SERMEM
AT45DB161E	Serial Memories	SPI	16M bit	SERMEM
AT45DB321D	Serial Memories	SPI	32M bit	SERMEM
AT45DB642D	Serial Memories	SPI	64M bit	SERMEM
AT93C46A	Serial Memories	MICROWIRE	1K bit	SERMEM
AT93C56A	Serial Memories	MICROWIRE	2K bit	SERMEM
AT93C66A	Serial Memories	MICROWIRE	4K bit	SERMEM
AT93C86A	Serial Memories	MICROWIRE	8K bit	SERMEM

**Catalyst**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
CAT24AC128	Serial Memories	I2C	128K bit	SERMEM
CAT24C01	Serial Memories	I2C	1K bit	SERMEM
CAT24C02	Serial Memories	I2C	2K bit	SERMEM
CAT24C03	Serial Memories	I2C	2K bit	SERMEM
CAT24C04	Serial Memories	I2C	4K bit	SERMEM
CAT24C05	Serial Memories	I2C	4K bit	SERMEM
CAT24C08	Serial Memories	I2C	8K bit	SERMEM
CAT24C128	Serial Memories	I2C	128K bit	SERMEM
CAT24C16	Serial Memories	I2C	16K bit	SERMEM
CAT24C164	Serial Memories	I2C	16K bit	SERMEM
CAT24C256	Serial Memories	I2C	256K bit	SERMEM
CAT24C32	Serial Memories	I2C	32K bit	SERMEM
CAT24C64	Serial Memories	I2C	64K bit	SERMEM
CAT24WC01	Serial Memories	I2C	1K bit	SERMEM
CAT24WC02	Serial Memories	I2C	2K bit	SERMEM
CAT24WC04	Serial Memories	I2C	4K bit	SERMEM
CAT24WC08	Serial Memories	I2C	8K bit	SERMEM
CAT24WC128	Serial Memories	I2C	128K bit	SERMEM
CAT24WC16	Serial Memories	I2C	16K bit	SERMEM



## Catalyst



Device Code	Family	Protocol(s)	Memory Size	Algorithm
CAT24WC256	Serial Memories	I2C	256K bit	SERMEM
CAT24WC32	Serial Memories	I2C	32K bit	SERMEM
CAT24WC64	Serial Memories	I2C	64K bit	SERMEM
CAT24WC66	Serial Memories	I2C	64K bit	SERMEM
CAT25010	Serial Memories	SPI	1K bit	SERMEM
CAT25020	Serial Memories	SPI	2K bit	SERMEM
CAT25040	Serial Memories	SPI	4K bit	SERMEM
CAT25080	Serial Memories	SPI	8K bit	SERMEM
CAT25160	Serial Memories	SPI	16K bit	SERMEM
CAT25320	Serial Memories	SPI	32K bit	SERMEM
CAT25C08	Serial Memories	SPI	8K bit	SERMEM
CAT25C128	Serial Memories	SPI	128K bit	SERMEM
CAT25C16	Serial Memories	SPI	16K bit	SERMEM
CAT25C256	Serial Memories	SPI	256K bit	SERMEM
CAT25C32	Serial Memories	SPI	32K bit	SERMEM
CAT25C64	Serial Memories	SPI	64K bit	SERMEM
CAT93C46	Serial Memories	MICROWIRE	1K bit	SERMEM
CAT93C46R	Serial Memories	MICROWIRE	1K bit	SERMEM
CAT93C56	Serial Memories	MICROWIRE	2K bit	SERMEM
CAT93C57	Serial Memories	MICROWIRE	2K bit	SERMEM
CAT93C76	Serial Memories	MICROWIRE	4K bit	SERMEM
CAT93C86	Serial Memories	MICROWIRE	8K bit	SERMEM

## Cypress



Device Code	Family	Protocol(s)	Memory Size	Algorithm
CYT2B73CAC	CYT2B7	SWD	1088K bytes + 96K bytes	TRAVEO2
CYT2B93CAC	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B93CAS	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B94BAC	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B94BAE	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B94BAS	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B94CAB	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B94CAC	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B94CAE	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B94CAS	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B95BAC	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B95BAE	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B95BAS	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B95CAB	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B95CAC	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2

**Cypress**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
CYT2B95CAE	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B95CAS	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2B97CAE	CYT2B9	SWD	2112K bytes + 128K bytes	TRAVEO2
CYT2BL4CAA	CYT2BL	SWD	4160K bytes + 128K bytes	TRAVEO2
CY8C20446	PSoC	ISSP	16K byte	CY_A
CY8C20524-12PVXI	PSoC	ISSP	8K byte	CY_A
CY8C20534	PSoC	ISSP	8K byte	CY_A
CY8C21123	PSoC	ISSP	4K byte	CY_A
CY8C21223	PSoC	ISSP	4K byte	CY_A
CY8C21234	PSoC	ISSP	8K byte	CY_A
CY8C21312	PSoC	ISSP	8K byte	CY_A
CY8C21323	PSoC	ISSP	4K byte	CY_A
CY8C21334	PSoC	ISSP	8K byte	CY_A
CY8C21434	PSoC	ISSP	8K byte	CY_A
CY8C21512	PSoC	ISSP	8K byte	CY_A
CY8C21534	PSoC	ISSP	8K byte	CY_A
CY8C21634	PSoC	ISSP	8K byte	CY_A
CY8C22545	PSoC	ISSP	16K byte	CY_A
CY8C23433-24PVXI	PSoC	ISSP	8K byte	CY_A
CY8C23533-24LFXI	PSoC	ISSP	8K byte	CY_A
CY8C24123	PSoC	ISSP	4K byte	CY_A
CY8C24123A	PSoC	ISSP	4K byte	CY_A
CY8C24223	PSoC	ISSP	4K byte	CY_A
CY8C24223A	PSoC	ISSP	4K byte	CY_A
CY8C24423	PSoC	ISSP	4K byte	CY_A
CY8C24423A	PSoC	ISSP	4K byte	CY_A
CY8C27143	PSoC	ISSP	16K byte	CY_A
CY8C27243	PSoC	ISSP	16K byte	CY_A
CY8C27443	PSoC	ISSP	16K byte	CY_A
CY8C27543	PSoC	ISSP	16K byte	CY_A
CY8C27643	PSoC	ISSP	16K byte	CY_A
CY8C29466	PSoC	ISSP	32K byte	CY_A
CY8C3666AXI-052	PSoC3	JTAG	64K byte	CY_B
CY8C4024LQI-S412	PSoC4	SWD	128K bytes	CY_C
CY8C4125LQI-483	PSoC4	SWD	32K bytes	CY_C
CY8C4125LQI-S433	PSoC4	SWD	32K bytes	CY_C
CY8C4245AZI-473	PSoC4	SWD	32K bytes	CY_C
CY8C4245LQI-483	PSoC4	SWD	32K bytes	CY_C
CY8C4247AXI-485	PSoC4	SWD	128K bytes	CY_C
CY8C4248LQI-BL483	PSoC4	SWD	256K bytes	CY_C
CY8C4248LQI-BL583	PSoC4	SWD	256K bytes	CY_C

**Elmos**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
E135-01A	EL16	JTAG	8K byte	EL_A
E909-06A_V4	EL16	JTAG	60K byte	EL_A

**Ember**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
EM351	EM35X	JTAG	128K bytes	CORTEX
EM357	EM35X	JTAG	192K bytes	CORTEX
EM358	EM35X	SWD	512KB	CORTEX

**ESMT**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
EN25F40	Serial memories	SPI	4M bit	SERMEM
EN25F40A	Serial memories	SPI	4M bit	SERMEM
EN25F40B	Serial memories	SPI	4M bit	SERMEM
EN25QH16B	Serial memories	SPI	16M bit	SERMEM
F25L008A	Serial memories	SPI	8M bit	SERMEM
F25L64QA	Serial memories	SPI	64M bit	SERMEM

**Freescal**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MC56F8011	56800E	JTAG	12K byte	FSL_C
MC56F8013	56800E	JTAG	16K byte	FSL_C
MC56F8014	56800E	JTAG	16K byte	FSL_C
MC56F8023	56800E	JTAG	32K byte	FSL_C
MC56F8025	56800E	JTAG	32K byte	FSL_C
MC56F8027	56800E	JTAG	32K byte	FSL_C
MC56F8035	56800E	JTAG	64K byte	FSL_C
MC56F8036	56800E	JTAG	64K byte	FSL_C
MC56F8037	56800E	JTAG	64K byte	FSL_C
DSP56F803	56F80X	JTAG	64K byte	FSL_C
DSP56F807	56F80X	JTAG	120K byte	FSL_C
MC56F82736	56F827XX	JTAG	48K byte	FSL_C
MC56F82746	56F827XX	JTAG	64K byte	FSL_C
MC56F8345	56F834X	JTAG	128K byte	FSL_C
MC56F8365	56F836X	JTAG	512K byte	FSL_C
MC56F8367	56F836X	JTAG	512K byte	FSL_C
MCF51AC256	ColdFire V1	BDM	256K bytes	MCF_B
MCF52100	ColdFire V2	BDM, JTAG, EZPORT	64K byte	MCF_A

**Freescale**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MCF5211	ColdFire V2	BDM, JTAG, EZPORT	128K byte	MCF_A
MCF52110	ColdFire V2	BDM, JTAG, EZPORT	128K byte	MCF_A
MCF5212	ColdFire V2	BDM, JTAG, EZPORT	256K byte	MCF_A
MCF5213	ColdFire V2	BDM, JTAG, EZPORT	256K byte	MCF_A
MCF5214	ColdFire V2	BDM, JTAG, EZPORT	256K byte	MCF_A
MCF5216	ColdFire V2	BDM, JTAG, EZPORT	512K byte	MCF_A
MCF52210	ColdFire V2	BDM, JTAG, EZPORT	64K byte	MCF_A
MCF52211	ColdFire V2	BDM, JTAG, EZPORT	128K byte	MCF_A
MCF52221	ColdFire V2	BDM, JTAG, EZPORT	128K byte	MCF_A
MCF52223	ColdFire V2	BDM, JTAG, EZPORT	256K byte	MCF_A
MCF52230	ColdFire V2	BDM, JTAG, EZPORT	128K byte	MCF_A
MCF52231	ColdFire V2	BDM, JTAG, EZPORT	128K byte	MCF_A
MCF52233	ColdFire V2	BDM, JTAG, EZPORT	256K byte	MCF_A
MCF52234	ColdFire V2	BDM, JTAG, EZPORT	256K byte	MCF_A
MCF52235	ColdFire V2	BDM, JTAG, EZPORT	256K byte	MCF_A
MCF5281	ColdFire V2	BDM, JTAG, EZPORT	256K byte	MCF_A
MCF5282	ColdFire V2	BDM, JTAG, EZPORT	512K byte	MCF_A
MC68HC908AB32	HC08	MON08	32K byte + 512 byte	HC08
MC68HC908AP16	HC08	MON08	16K byte	HC08
MC68HC908AP16A	HC08	MON08	16K byte	HC08
MC68HC908AP32	HC08	MON08	32K byte	HC08
MC68HC908AP32A	HC08	MON08	32K byte	HC08
MC68HC908AP64	HC08	MON08	64K byte	HC08
MC68HC908AP64A	HC08	MON08	64K byte	HC08
MC68HC908AP8	HC08	MON08	8K byte	HC08
MC68HC908AP8A	HC08	MON08	8K byte	HC08
MC68HC908AS32A	HC08	MON08	32K byte + 512 byte	HC08
MC68HC908AS60A	HC08	MON08	60K byte + 1K byte	HC08
MC68HC908AZ32A	HC08	MON08	32K byte + 512 byte	HC08
MC68HC908AZ60A	HC08	MON08	60K byte + 1K byte	HC08
MC68HC908BD48	HC08	MON08	48K byte	HC08
MC68HC908EY16	HC08	MON08	16K byte	HC08
MC68HC908EY16A	HC08	MON08	16K byte	HC08
MC68HC908EY8	HC08	MON08	8K byte	HC08
MC68HC908EY8A	HC08	MON08	8K byte	HC08
MC68HC908GP32	HC08	MON08	32K byte	HC08
MC68HC908GR16	HC08	MON08	16K byte	HC08
MC68HC908GR16A	HC08	MON08	16K byte	HC08
MC68HC908GR32A	HC08	MON08	32K byte	HC08
MC68HC908GR4	HC08	MON08	4K byte	HC08
MC68HC908GR48A	HC08	MON08	48K byte	HC08
MC68HC908GR4A	HC08	MON08	4K byte	HC08

**Freescale**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MC68HC908GR60A	HC08	MON08	60K byte	HC08
MC68HC908GR8	HC08	MON08	8K byte	HC08
MC68HC908GR8A	HC08	MON08	8K byte	HC08
MC68HC908GT16	HC08	MON08	16K byte	HC08
MC68HC908GT8	HC08	MON08	8K byte	HC08
MC68HC908GZ16	HC08	MON08	16K byte	HC08
MC68HC908GZ32	HC08	MON08	32K byte	HC08
MC68HC908GZ48	HC08	MON08	48K byte	HC08
MC68HC908GZ60	HC08	MON08	60K byte	HC08
MC68HC908GZ8	HC08	MON08	8K byte	HC08
MC68HC908JB12	HC08	MON08	12K byte	HC08
MC68HC908JB16	HC08	MON08	16K byte	HC08
MC68HC908JB8	HC08	MON08	8K byte	HC08
MC68HC908JF32	HC08	MON08	32K byte	HC08
MC68HC908JG16	HC08	MON08	16K byte	HC08
MC68HC908JK1	HC08	MON08	1K byte	HC08
MC68HC908JK16	HC08	MON08	16K byte	HC08
MC68HC908JK1E	HC08	MON08	1K byte	HC08
MC68HC908JK3	HC08	MON08	3K byte	HC08
MC68HC908JK3E	HC08	MON08	3K byte	HC08
MC68HC908JK8	HC08	MON08	8K byte	HC08
MC68HC908JL16	HC08	MON08	16K byte	HC08
MC68HC908JL3	HC08	MON08	3K byte	HC08
MC68HC908JL3E	HC08	MON08	3K byte	HC08
MC68HC908JL8	HC08	MON08	8K byte	HC08
MC68HC908JR32	HC08	MON08	32K byte	HC08
MC68HC908JW32	HC08	MON08	32K byte	HC08
MC68HC908KX2	HC08	MON08	2K byte	HC08
MC68HC908KX8	HC08	MON08	8K byte	HC08
MC68HC908LB8	HC08	MON08	8K byte	HC08
MC68HC908LJ12	HC08	MON08	12K byte	HC08
MC68HC908LJ24	HC08	MON08	4K byte	HC08
MC68HC908LK24	HC08	MON08	4K byte	HC08
MC68HC908LV8	HC08	MON08	8K byte	HC08
MC68HC908MR16	HC08	MON08	16K byte	HC08
MC68HC908MR32	HC08	MON08	32K byte	HC08
MC68HC908QB4	HC08	MON08	4K byte	HC08
MC68HC908QB8	HC08	MON08	8K byte	HC08
MC68HC908QC16	HC08	MON08	16K byte	HC08
MC68HC908QC4	HC08	MON08	4K byte	HC08
MC68HC908QC8	HC08	MON08	8K byte	HC08
MC68HC908QF4	HC08	MON08	4K byte	HC08

**Freescale**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MC68HC908QL16	HC08	MON08	16K byte	HC08
MC68HC908QL2	HC08	MON08	2K byte	HC08
MC68HC908QL3	HC08	MON08	4K byte	HC08
MC68HC908QL4	HC08	MON08	4K byte	HC08
MC68HC908QL8	HC08	MON08	8K byte	HC08
MC68HC908QT1	HC08	MON08	1K byte	HC08
MC68HC908QT1A	HC08	MON08	1K byte	HC08
MC68HC908QT2	HC08	MON08	1K byte	HC08
MC68HC908QT2A	HC08	MON08	1K byte	HC08
MC68HC908QT4	HC08	MON08	4K byte	HC08
MC68HC908QT4A	HC08	MON08	4K byte	HC08
MC68HC908QT5	HC08	MON08	4K byte	HC08
MC68HC908QT8	HC08	MON08	8K byte	HC08
MC68HC908QY1	HC08	MON08	1K byte	HC08
MC68HC908QY1A	HC08	MON08	1K byte	HC08
MC68HC908QY2	HC08	MON08	1K byte	HC08
MC68HC908QY2A	HC08	MON08	1K byte	HC08
MC68HC908QY4	HC08	MON08	4K byte	HC08
MC68HC908QY4A	HC08	MON08	4K byte	HC08
MC68HC908QY5	HC08	MON08	4K byte	HC08
MC68HC908QY8	HC08	MON08	8K byte	HC08
MC68HLC908JK1E	HC08	MON08	1K byte	HC08
MC68HLC908JK3E	HC08	MON08	3K byte	HC08
MC68HLC908JL3E	HC08	MON08	3K byte	HC08
MC68HLC908QT1	HC08	MON08	1K byte	HC08
MC68HLC908QT2	HC08	MON08	1K byte	HC08
MC68HLC908QT4	HC08	MON08	4K byte	HC08
MC68HLC908QY1	HC08	MON08	1K byte	HC08
MC68HLC908QY2	HC08	MON08	1K byte	HC08
MC68HLC908QY4	HC08	MON08	4K byte	HC08
MC13211	HCS08	BDM	16K byte	HCS08
MC13212	HCS08	BDM	32K byte	HCS08
MC13213	HCS08	BDM	60K byte	HCS08
MC13214	HCS08	BDM	60K byte	HCS08
MC9S08AC128	HCS08	BDM	128K byte	HCS08
MC9S08AC16	HCS08	BDM	16K byte	HCS08
MC9S08AC32	HCS08	BDM	32K byte	HCS08
MC9S08AC48	HCS08	BDM	48K byte	HCS08
MC9S08AC60	HCS08	BDM	60K byte	HCS08
MC9S08AC8	HCS08	BDM	8K byte	HCS08
MC9S08AC96	HCS08	BDM	96K byte	HCS08
MC9S08AW16	HCS08	BDM	16K byte	HCS08

**Freescale**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MC9S08AW16A	HCS08	BDM	16K byte	HCS08
MC9S08AW32	HCS08	BDM	32K byte	HCS08
MC9S08AW48	HCS08	BDM	48K byte	HCS08
MC9S08AW60	HCS08	BDM	60K byte	HCS08
MC9S08AW8A	HCS08	BDM	8K byte	HCS08
MC9S08DE32	HCS08	BDM	32K byte + 1K byte	HCS08
MC9S08DE60	HCS08	BDM	60K byte + 2K byte	HCS08
MC9S08DN16	HCS08	BDM	16K byte + 512 byte	HCS08
MC9S08DN32	HCS08	BDM	32K byte + 1K byte	HCS08
MC9S08DN48	HCS08	BDM	48K byte + 1.5K byte	HCS08
MC9S08DN60	HCS08	BDM	60K byte + 2K byte	HCS08
MC9S08DV128	HCS08	BDM	128K byte	HCS08
MC9S08DV16	HCS08	BDM	16K byte	HCS08
MC9S08DV32	HCS08	BDM	32K byte	HCS08
MC9S08DV48	HCS08	BDM	48K byte	HCS08
MC9S08DV60	HCS08	BDM	60K byte	HCS08
MC9S08DV96	HCS08	BDM	96K byte	HCS08
MC9S08DZ128	HCS08	BDM	128K byte + 2K byte	HCS08
MC9S08DZ16	HCS08	BDM	16K byte + 512 byte	HCS08
MC9S08DZ32	HCS08	BDM	32K byte + 1K byte	HCS08
MC9S08DZ48	HCS08	BDM	48K byte + 1.5K byte	HCS08
MC9S08DZ60	HCS08	BDM	60K byte + 2K byte	HCS08
MC9S08DZ96	HCS08	BDM	96K byte + 2K byte	HCS08
MC9S08EL16	HCS08	BDM	16K byte + 512 byte	HCS08
MC9S08EL32	HCS08	BDM	32K byte + 512 byte	HCS08
MC9S08EN16	HCS08	BDM	16K byte	HCS08
MC9S08EN32	HCS08	BDM	32K byte	HCS08
MC9S08GB32	HCS08	BDM	32K byte	HCS08
MC9S08GB32A	HCS08	BDM	32K byte	HCS08
MC9S08GB60	HCS08	BDM	60K byte	HCS08
MC9S08GB60A	HCS08	BDM	60K byte	HCS08
MC9S08GT16	HCS08	BDM	16K byte	HCS08
MC9S08GT16A	HCS08	BDM	16K byte	HCS08
MC9S08GT32	HCS08	BDM	32K byte	HCS08
MC9S08GT32A	HCS08	BDM	32K byte	HCS08
MC9S08GT60	HCS08	BDM	60K byte	HCS08
MC9S08GT60A	HCS08	BDM	60K byte	HCS08
MC9S08GT8A	HCS08	BDM	8K byte	HCS08
MC9S08JM16	HCS08	BDM	16K byte	HCS08
MC9S08JM32	HCS08	BDM	32K byte	HCS08
MC9S08JM60	HCS08	BDM	60K byte	HCS08
MC9S08JM8	HCS08	BDM	8K byte	HCS08

**Freescale**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MC9S08JR12	HCS08	BDM	12K byte	HCS08
MC9S08LC36	HCS08	BDM	36K byte	HCS08
MC9S08LC60	HCS08	BDM	60K byte	HCS08
MC9S08LG16	HCS08	BDM	16K byte	HCS08
MC9S08LG32	HCS08	BDM	32K byte	HCS08
MC9S08LH64	HCS08	BDM	64K byte	HCS08
MC9S08LL16	HCS08	BDM	16K byte	HCS08
MC9S08LL36	HCS08	BDM	36K byte	HCS08
MC9S08LL64	HCS08	BDM	64K byte	HCS08L64
MC9S08LL8	HCS08	BDM	8K byte	HCS08
MC9S08MP16	HCS08	BDM	16K byte	HCS08
MC9S08QA2	HCS08	BDM	2K byte	HCS08
MC9S08QA4	HCS08	BDM	4K byte	HCS08
MC9S08QB4	HCS08	BDM	4K byte	HCS08
MC9S08QB8	HCS08	BDM	8K byte	HCS08
MC9S08QD2	HCS08	BDM	2K byte	HCS08
MC9S08QD4	HCS08	BDM	4K byte	HCS08
MC9S08QE128	HCS08	BDM	128K byte	HCS08
MC9S08QE16	HCS08	BDM	16K byte	HCS08
MC9S08QE32	HCS08	BDM	32K byte	HCS08
MC9S08QE4	HCS08	BDM	4K byte	HCS08
MC9S08QE64	HCS08	BDM	64K byte	HCS08
MC9S08QE8	HCS08	BDM	8K byte	HCS08
MC9S08QE96	HCS08	BDM	96K byte	HCS08
MC9S08QG4	HCS08	BDM	4K byte	HCS08
MC9S08QG8	HCS08	BDM	8K byte	HCS08
MC9S08RA16	HCS08	BDM	16K byte	HCS08
MC9S08RC16	HCS08	BDM	16K byte	HCS08
MC9S08RC32	HCS08	BDM	32K byte	HCS08
MC9S08RC60	HCS08	BDM	60K byte	HCS08
MC9S08RC8	HCS08	BDM	8K byte	HCS08
MC9S08RD16	HCS08	BDM	16K byte	HCS08
MC9S08RD32	HCS08	BDM	32K byte	HCS08
MC9S08RD60	HCS08	BDM	60K byte	HCS08
MC9S08RD8	HCS08	BDM	8K byte	HCS08
MC9S08RE16	HCS08	BDM	16K byte	HCS08
MC9S08RE32	HCS08	BDM	32K byte	HCS08
MC9S08RE60	HCS08	BDM	60K byte	HCS08
MC9S08RE8	HCS08	BDM	8K byte	HCS08
MC9S08RG32	HCS08	BDM	32K byte	HCS08
MC9S08RG60	HCS08	BDM	60K byte	HCS08
MC9S08SG16	HCS08	BDM	16K byte	HCS08



**Freescale**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MC9S08SG32	HCS08	BDM	32K byte	HCS08
MC9S08SG4	HCS08	BDM	4K byte	HCS08
MC9S08SG8	HCS08	BDM	8K byte	HCS08
MC9S08SH16	HCS08	BDM	16K byte	HCS08
MC9S08SH32	HCS08	BDM	32K byte	HCS08
MC9S08SH4	HCS08	BDM	4K byte	HCS08
MC9S08SH8	HCS08	BDM	8K byte	HCS08
MC9S08SL16	HCS08	BDM	16K byte + 256 byte	HCS08
MC9S08SL8	HCS08	BDM	8K byte + 256 byte	HCS08
MPXY8300	HCS08	BDM	8K byte	HCS08
MC9S12A128B	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12A256B	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12A32	HCS12	BDM	32K byte + 1K byte	HCS12
MC9S12A512	HCS12	BDM	512K byte + 4K byte	HCS12
MC9S12A64	HCS12	BDM	64K byte + 1K byte	HCS12
MC9S12B128	HCS12	BDM	128K byte + 1K byte	HCS12
MC9S12B64	HCS12	BDM	64K byte + 1K byte	HCS12
MC9S12C128	HCS12	BDM	128K byte	HCS12
MC9S12C32	HCS12	BDM	32K byte	HCS12
MC9S12C64	HCS12	BDM	64K byte	HCS12
MC9S12C96	HCS12	BDM	96K byte	HCS12
MC9S12D32	HCS12	BDM	32K byte + 1K byte	HCS12
MC9S12D64	HCS12	BDM	64K byte + 1K byte	HCS12
MC9S12DB128A	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12DB128B	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12DG128B	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12DG256B	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12DJ128B	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12DJ256B	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12DJ64	HCS12	BDM	64K byte + 1K byte	HCS12
MC9S12DP256B	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12DP512	HCS12	BDM	512K byte + 4K byte	HCS12
MC9S12DT128B	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12DT256	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12DT256B	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12E128	HCS12	BDM	128K byte	HCS12
MC9S12E256	HCS12	BDM	256K byte	HCS12
MC9S12E32	HCS12	BDM	32K byte	HCS12
MC9S12E64	HCS12	BDM	64K byte	HCS12
MC9S12G128	HCS12	BDM	128K byte + 4K byte	FSL_D
MC9S12G192	HCS12	BDM	192K bytes + 4K byte	FSL_D
MC9S12G48	HCS12	BDM	48K byte + 1.5K byte	FSL_D

**Freescale**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MC9S12G64	HCS12	BDM	64K byte + 2K byte	FSL_D
MC9S12G96	HCS12	BDM	96K byte + 3K byte	FSL_D
MC9S12GA128	HCS12	BDM	128K byte + 4K byte	FSL_D
MC9S12GA192	HCS12	BDM	192K bytes + 4K byte	FSL_D
MC9S12GA240	HCS12	BDM	240K bytes + 4K byte	FSL_D
MC9S12GC128	HCS12	BDM	128K byte	HCS12
MC9S12GC16	HCS12	BDM	16K byte	HCS12
MC9S12GC32	HCS12	BDM	32K byte	HCS12
MC9S12GC64	HCS12	BDM	64K byte	HCS12
MC9S12GN48	HCS12	BDM	48K byte + 1.5K byte	FSL_D
MC9S12GNA32	HCS12	BDM	32K byte + 1K byte	FSL_D
MC9S12H128	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12H256	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12HA32	HCS12	BDM	32K byte + 4K byte	FSL_D
MC9S12HA48	HCS12	BDM	32K byte + 2K byte	FSL_D
MC9S12HA64	HCS12	BDM	64K byte + 4K byte	FSL_D
MC9S12HN64	HCS12	BDM	64K byte + 1K byte	HCS12
MC9S12HY32	HCS12	BDM	32K byte + 4K byte	FSL_D
MC9S12HY48	HCS12	BDM	48K byte + 4K byte	FSL_D
MC9S12HY64	HCS12	BDM	64K byte + 4K byte	FSL_D
MC9S12HZ128	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12HZ64	HCS12	BDM	64K byte + 1K byte	HCS12
MC9S12KC128	HCS12	BDM	128K byte	HCS12
MC9S12KC64	HCS12	BDM	64K byte	HCS12
MC9S12KG128	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12KG256	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12KG64	HCS12	BDM	64K byte + 1K byte	HCS12
MC9S12KL128	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12KL64	HCS12	BDM	64K byte + 1K byte	HCS12
MC9S12KT128	HCS12	BDM	128K byte + 4K byte	HCS12
MC9S12KT256	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12NE64	HCS12	BDM	64K byte	HCS12
MC9S12P128	HCS12	BDM	128K byte + 4K byte	FSL_D
MC9S12P32	HCS12	BDM	32K byte + 4K byte	FSL_D
MC9S12P64	HCS12	BDM	64K byte + 4K byte	FSL_D
MC9S12P96	HCS12	BDM	96K byte + 4K byte	FSL_D
MC9S12Q128	HCS12	BDM	128K byte	HCS12
MC9S12Q32	HCS12	BDM	32K byte	HCS12
MC9S12Q64	HCS12	BDM	64K byte	HCS12
MC9S12Q96	HCS12	BDM	96K byte	HCS12
MC9S12T64	HCS12	BDM	64K byte	HCS12
MC9S12UF32	HCS12	BDM	32K byte	HCS12

**Freescale**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MC9S12VR32	HCS12	BDM	32K byte + 512 bytes	FSL_D
MC9S12VR48	HCS12	BDM	48K byte + 512 bytes	FSL_D
MC9S12XA128	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12XA256	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12XA512	HCS12	BDM	512K byte + 4K byte	HCS12
MC9S12XB128	HCS12	BDM	128K byte + 1K byte	HCS12
MC9S12XB256	HCS12	BDM	256K byte + 2K byte	HCS12
MC9S12XD128	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12XD256	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12XD64	HCS12	BDM	64K byte + 1K byte	HCS12
MC9S12XD64CAA	HCS12	BDM	256K byte + 2K byte	HCS12
MC9S12XDG128	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12XDG256	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12XDP512	HCS12	BDM	512K byte + 4K byte	HCS12
MC9S12XDQ256	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12XDT256	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12XDT384	HCS12	BDM	384K byte + 4K byte	HCS12
MC9S12XDT512	HCS12	BDM	512K byte + 4K byte	HCS12
MC9S12XEA128	HCS12	BDM	128K byte + 32K byte	HCS12
MC9S12XEA256	HCS12	BDM	256K byte + 32K byte	HCS12
MC9S12XEG128	HCS12	BDM	128K byte + 32K byte	HCS12
MC9S12XEG384	HCS12	BDM	384K byte + 32K byte	HCS12
MC9S12XEP100	HCS12	BDM	1M byte + 32K byte	HCS12
MC9S12XEP768	HCS12	BDM	768K byte + 32K byte	HCS12
MC9S12XEQ384	HCS12	BDM	384K byte + 32K byte	HCS12
MC9S12XEQ512	HCS12	BDM	512K byte + 32K byte	HCS12
MC9S12XES384	HCS12	BDM	384K byte + 32K byte	HCS12
MC9S12XET256	HCS12	BDM	256K byte + 32K byte	HCS12
MC9S12XET512	HCS12	BDM	512K byte + 32K byte	HCS12
MC9S12XF128	HCS12	BDM	128K byte + 16K byte	HCS12
MC9S12XF256	HCS12	BDM	256K byte + 32K byte	HCS12
MC9S12XF384	HCS12	BDM	384K byte + 32K byte	HCS12
MC9S12XF512	HCS12	BDM	512K byte + 32K byte	HCS12
MC9S12XFR128	HCS12	BDM	128K byte + 2K byte	HCS12
MC9S12XHY128	HCS12	BDM	128K byte + 8K byte	HCS12
MC9S12XHY256	HCS12	BDM	256K byte + 8K byte	HCS12
MC9S12XHZ256	HCS12	BDM	256K byte + 4K byte	HCS12
MC9S12XHZ384	HCS12	BDM	384K byte + 4K byte	HCS12
MC9S12XHZ512	HCS12	BDM	512K byte + 4K byte	HCS12
MC9S12XS128	HCS12	BDM	128K byte + 8K byte	HCS12
MC9S12XS256	HCS12	BDM	256K byte + 8K byte	HCS12
MC9S12XS64	HCS12	BDM	64K byte + 4K byte	HCS12

**Freescale**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MM912F634	HCS12	BDM	32K byte + 2K byte	FSL_D
MK10DN512	K10	JTAG	512K bytes	FSL_K
MK10DX128	K10	JTAG,SWD	32K bytes	FSL_K
MK12DN512	K12	JTAG, SWD	512K bytes	FSL_K
MK60FN1M0	K60	JTAG	1M bytes	FSL_K
MKE04Z128VLH4	KE04	SWD	128K bytes	FSL_K
MKE14Z256	KE14	SWD	256K bytes	FSL_K
S9KEAZ128A	KEA	SWD	128K bytes	FSL_K
S9KEAZN8	KEA	SWD	8K bytes	FSL_K
MKL03Z16VFK4	KL	SWD	16K bytes	FSL_K
MKL03Z32VFK4	KL	SWD	32K bytes	FSL_K
MKL14Z32	KL	SWD	32K bytes	FSL_K
MKL17Z32XXX4	KL17	SWD	32K bytes	FSL_KL
MAC7212	MAC7 (ARM7)	JTAG	320K byte	ARM7
MAC7242	MAC7 (ARM7)	JTAG	320K byte	ARM7
MKV30F128	MKV30	SWD	128K bytes	FSL_F
MKV31F256	MKV31	SWD	256K bytes	FSL_F
MPC5515S	MPC55X (Power PC)	JTAG	1M byte	FSL_B
MPC5516E	MPC55X (Power PC)	JTAG	1M byte	FSL_B
MPC5516G	MPC55X (Power PC)	JTAG	1M byte	FSL_B
MPC5516S	MPC55X (Power PC)	JTAG	1M byte	FSL_B
MPC5517E	MPC55X (Power PC)	JTAG	1.5M byte	FSL_B
MPC5517G	MPC55X (Power PC)	JTAG	1.5M byte	FSL_B
MPC5517S	MPC55X (Power PC)	JTAG	1.5M byte	FSL_B
MPC5533	MPC55X (Power PC)	JTAG	768K byte	FSL_B
MPC5534	MPC55X (Power PC)	JTAG	1M byte	FSL_B
MPC5553	MPC55X (Power PC)	JTAG	1.5M byte	FSL_B
MPC5554	MPC55X (Power PC)	JTAG	2M byte	FSL_B
MPC5565	MPC55X (Power PC)	JTAG	2M byte	FSL_B
MPC5566	MPC55X (Power PC)	JTAG	3M byte	FSL_B
MPC5567	MPC55X (Power PC)	JTAG	2M byte	FSL_B
MPC5601P	MPC55X (Power PC)	JTAG	192K byte + 64K byte	FSL_B
MPC5602B	MPC55X (Power PC)	JTAG	256K byte + 64K byte	FSL_B
MPC5602P	MPC55X (Power PC)	JTAG	256K byte + 64K byte	FSL_B
MPC5603B	MPC55X (Power PC)	JTAG	384K byte + 64K byte	FSL_B
MPC5603P	MPC55X (Power PC)	JTAG	384K byte + 64K byte	FSL_B
MPC5604B	MPC55X (Power PC)	JTAG	512K byte + 64K byte	FSL_B
MPC5604P	MPC55X (Power PC)	JTAG	512K byte + 64K byte	FSL_B
MPC5605B	MPC55X (Power PC)	JTAG	768K byte + 64K byte	FSL_B
MPC5606B	MPC55X (Power PC)	JTAG	1M byte + 64K byte	FSL_B
MPC5606S	MPC55X (Power PC)	JTAG	1M byte + 64K byte	FSL_B
MPC5633M	MPC55X (Power PC)	JTAG	1M byte	FSL_B

**Freescale**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MPC5642A	MPC55X (Power PC)	JTAG	2M byte	FSL_B
MPC5643A	MPC55X (Power PC)	JTAG	3M byte	FSL_B
MPC5643L	MPC55X (Power PC)	JTAG	1M byte	FSL_B
MPC5644A	MPC55X (Power PC)	JTAG	4M byte	FSL_B
MPC5645C	MPC55X (Power PC)	JTAG	2M byte + 64K byte	FSL_B
MPC5645S	MPC55X (Power PC)	JTAG	2M byte	FSL_B
MPC5646C	MPC55X (Power PC)	JTAG	3M byte + 48K byte	FSL_B
MPC5668G	MPC55X (Power PC)	JTAG	2M byte	FSL_B
MPC5673F	MPC55X (Power PC)	JTAG	3M byte	FSL_B
MPC5674F	MPC55X (Power PC)	JTAG	4M byte	FSL_B
MPC5676R	MPC55X (Power PC)	JTAG	6M byte	FSL_B
MPC5742P	MPC55X (Power PC)	JTAG	1,5M byte	FSL_E
MPC5743P	MPC55X (Power PC)	JTAG	2M byte	FSL_E
MPC5744P	MPC55X (Power PC)	JTAG	2,5M byte	FSL_E
MPC5745B	MPC55X (Power PC)	JTAG	2M byte	FSL_E
MPC5745C	MPC55X (Power PC)	JTAG	2M byte	FSL_E
MPC5746C	MPC55X (Power PC)	JTAG	3M byte	FSL_E
MPC5746R	MPC55X (Power PC)	JTAG	4M byte	FSL_E
MPC5747G	MPC55X (Power PC)	JTAG	4M byte	FSL_E
MPC5748C	MPC55X (Power PC)	JTAG	6M byte	FSL_E
MPC5748G	MPC55X (Power PC)	JTAG	6M byte	FSL_E
MPC5775K	MPC55X (Power PC)	JTAG	4M byte	FSL_E
MPC5777C	MPC55X (Power PC)	JTAG	8M byte	FSL_E
S32R274	MPC55X (Power PC)	JTAG	2M byte	FSL_E
SPC5606S	MPC55X (Power PC)	JTAG	1M byte + 64K byte	FSL_B
SPC5634M	MPC55X (Power PC)	JTAG	1536K byte	FSL_B
SPC5745B	MPC55X (Power PC)	JTAG	2M byte	FSL_E
MC9RS08KA1	RS08	BDM	1K byte	RS08
MC9RS08KA2	RS08	BDM	2K byte	RS08
MC9RS08KA4	RS08	BDM	4K byte	RS08
MC9RS08KA8	RS08	BDM	8K byte	RS08
MC9RS08LA8	RS08	BDM	8K byte	RS08
MC9RS08LE4	RS08	BDM	4K byte	RS08
MC9RS08SA12	RS08	BDM	12K byte	RS08
MC9RS08SA4	RS08	BDM	4K byte	RS08
MC9S08PA16	S08	BDM	16K byte + 256 bytes	HCS08_B
MC9S08PA32	S08	BDM	32K byte + 256 bytes	HCS08_B
MC9S08PA4	S08	BDM	4K byte + 128 bytes	HCS08_B
MC9S08PA60	S08	BDM	60K byte + 256 bytes	HCS08_B
MC9S08PA8	S08	BDM	8K byte + 256 bytes	HCS08_B
S9S08RN16	S08	BDM	16K byte + 256 bytes	HCS08_B
S9S08RN32	S08	BDM	32K byte + 256 bytes	HCS08_B

**Freescale**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
S9S08RN48	S08	BDM	48K byte + 256 bytes	HCS08_B
S9S08RN60	S08	BDM	60K byte + 256 bytes	HCS08_B
S9S08RN8	S08	BDM	8K byte + 256 bytes	HCS08_B
MC9S12ZVC192	S12_MAGNIV	BDM	192K bytes + 2K bytes	FSL_J
MC9S12ZVCA128	S12_MAGNIV	BDM	128K bytes + 2K bytes	FSL_J
MC9S12ZVCA192	S12_MAGNIV	BDM	192K bytes + 2K bytes	FSL_J
MC9S12ZVL128	S12_MAGNIV	BDM	128K bytes + 2048 bytes	FSL_J
MC9S12ZVL16	S12_MAGNIV	BDM	16K bytes + 128 bytes	FSL_J
MC9S12ZVL32	S12_MAGNIV	BDM	32K bytes + 1024 bytes	FSL_J
MC9S12ZVL64	S12_MAGNIV	BDM	64K bytes + 1024 bytes	FSL_J
MC9S12ZVL8	S12_MAGNIV	BDM	8K bytes + 512 bytes	FSL_J
MC9S12ZVLS16	S12_MAGNIV	BDM	8K bytes + 1024 bytes	FSL_J
MC9S12ZVLS32	S12_MAGNIV	BDM	32K bytes + 128 bytes	FSL_J
MC9S12ZVM16	S12_MAGNIV	BDM	16K bytes + 128 bytes	FSL_J
MC9S12ZVMBA64	S12_MAGNIV	BDM	64K bytes + 512 bytes	FSL_J
MC9S12ZVML12	S12_MAGNIV	BDM	128K bytes + 512 bytes	FSL_J
MC9S12ZVML31	S12_MAGNIV	BDM	32K bytes + 128 bytes	FSL_J
MC9S12ZVML32	S12_MAGNIV	BDM	32K bytes + 512 bytes	FSL_J
MC9S12ZVML64	S12_MAGNIV	BDM	64K bytes + 512 bytes	FSL_J
S32K116	S32K1	SWD	128K bytes + 32K bytes	FSL_G
S32K118	S32K1	SWD	256K bytes + 64K bytes	FSL_G
S32K142	S32K1	SWD	256K bytes + 64K bytes	FSL_F
S32K144	S32K1	SWD	512K bytes + 64K bytes	FSL_F
S32K146	S32K1	SWD	1 MB + 64K bytes	FSL_F
S32K148	S32K1	SWD	1.5M bytes + 512K bytes	FSL_F

**Fujitsu**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MB96F326	16FX	UART	288 Kbyte	FJTS_A
MB96F346	16FX	UART	288 Kbyte	FJTS_A
MB96F385	16FX	UART	160 Kbyte	FJTS_A
MB96F6A6	16FX	UART	288.5K byte	FJTS_A
MB90F342	16LX	UART	256 Kbyte	FJTS_A
MB90F345	16LX	UART	512 Kbyte	FJTS_A
MB90F347	16LX	UART	128 Kbyte	FJTS_A
MB90F349	16LX	UART	256 Kbyte	FJTS_A
MB90F351	16LX	UART	64 Kbyte	FJTS_A
MB90F352	16LX	UART	128 Kbyte	FJTS_A
MB90F362E	16LX	UART	64 Kbyte	FJTS_A
MB90F455	16LX	UART	24 Kbyte	FJTS_A

**Fujitsu**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MB90F456	16LX	UART	32 Kbyte	FJTS_A
MB90F457	16LX	UART	64 Kbyte	FJTS_A
MB90F497	16LX	UART	64 Kbyte	FJTS_A
MB90F498	16LX	UART	128 Kbyte	FJTS_A
MB90F591	16LX	UART	448 Kbyte	FJTS_A
MB90F594	16LX	UART	256 Kbyte	FJTS_A
MB90F598	16LX	UART	128 Kbyte	FJTS_A
MB90F947	16LX	UART	128 Kbyte	FJTS_A
MB95F128H	8FX	UART	60 Kbyte	FJTS_A
MB95F128NB	8FX	UART	60 Kbyte	FJTS_A
MB91F464HB	MB91 (FR)	UART		FJTS_B
MB91F466HA	MB91 (FR)	UART		FJTS_B
MB91F469GB	MB91 (FR)	UART	2112K bytes	FJTS_B
MB91F524BS	MB91 (FR)	MDI	576K bytes + 64K bytes	FJTS_B
MB91F524FS	MB91 (FR)	MDI	576K bytes + 64K bytes	FJTS_B
MB91F525DS	MB91 (FR)	MDI	832K bytes + 64K bytes	FJTS_B
MB91F525FS	MB91 (FR)	MDI	832K bytes + 64K bytes	FJTS_B
MB91F526BS	MB91 (FR)	MDI	1088K bytes + 64K bytes	FJTS_B
MB91F526FS	MB91 (FR)	MDI	1088K bytes + 64K bytes	FJTS_B
MB91F526KS	MB91 (FR)	MDI	1088K bytes + 64K bytes	FJTS_B
MB91F528US	MB91 (FR)	MDI	2112K bytes + 64K bytes	FJTS_B
MB91F585A	MB91 (FR)	MDI	576K bytes + 64K bytes	FJTS_B
MB91F59B	MB91 (FR)	MDI	2112K bytes + 64K bytes	FJTS_B

**Holtek**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
HT66F0021	HT66F	TYPE23	1K words + 32 words	HOLTEK_A

**Infineon**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
C161CS-16F	C166	UART	128K byte	STM_IN_A
C161CS-32F	C166	UART	256K byte	STM_IN_A
C161JC-16F	C166	UART	128K byte	STM_IN_A
C161JC-32F	C166	UART	256K byte	STM_IN_A
C161JI-16F	C166	UART	128K byte	STM_IN_A
C161JI-32F	C166	UART	256K byte	STM_IN_A
TLE9844-2QX	TLE984x	SWD	64K bytes	INF_F
TLE9877-QX	TLE987x	SWD	64K bytes	INF_F
TC1724N-128F	TriCore	JTAG	1M byte	INF_C

**Infineon**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
TC1724N-192F	TriCore	JTAG	1.5M byte	INF_C
TC1728N-192F	TriCore	JTAG	1.5M byte	INF_C
TC1782F-320F	TriCore	JTAG	2.5M byte + 128K byte	INF_C
TC1782N-320F	TriCore	JTAG	2.5M byte + 128K byte	INF_C
XC161CS32F20F-BB	XC166	JTAG	256KB	STM_IN_A
XC164CM-16F	XC166	UART/JTAG	128K byte	STM_IN_A
XC164CM-4F	XC166	UART/JTAG	32K byte	STM_IN_A
XC164CM-8F	XC166	UART/JTAG	64K byte	STM_IN_A
XC164CS-16F	XC166	UART/JTAG	128K byte	STM_IN_A
XC164CS-32F	XC166	UART/JTAG	256K byte	STM_IN_A
XC164CS-8F	XC166	UART/JTAG	64K byte	STM_IN_A
XC164D-16F	XC166	UART/JTAG	128K byte	STM_IN_A
XC164D-32F	XC166	UART/JTAG	256K byte	STM_IN_A
XC164D-8F	XC166	UART/JTAG	64K byte	STM_IN_A
XC164GM-16F	XC166	UART/JTAG	128K byte	STM_IN_A
XC164GM-4F	XC166	UART/JTAG	32K byte	STM_IN_A
XC164GM-8F	XC166	UART/JTAG	64K byte	STM_IN_A
XC164KM-16F	XC166	UART/JTAG	128K byte	STM_IN_A
XC164KM-4F	XC166	UART/JTAG	32K byte	STM_IN_A
XC164KM-8F	XC166	UART/JTAG	64K byte	STM_IN_A
XC164LM-16F	XC166	UART/JTAG	128K byte	STM_IN_A
XC164LM-4F	XC166	UART/JTAG	32K byte	STM_IN_A
XC164LM-8F	XC166	UART/JTAG	64K byte	STM_IN_A
XC164N-16F	XC166	UART/JTAG	128K byte	STM_IN_A
XC164N-32F	XC166	UART/JTAG	256K byte	STM_IN_A
XC164N-8F	XC166	UART/JTAG	64K byte	STM_IN_A
XC164S-16F	XC166	UART/JTAG	128K byte	STM_IN_A
XC164S-32F	XC166	UART/JTAG	256K byte	STM_IN_A
XC164S-8F	XC166	UART/JTAG	64K byte	STM_IN_A
XC164SM-16F	XC166	UART/JTAG	128K byte	STM_IN_A
XC164SM-4F	XC166	UART/JTAG	32K byte	STM_IN_A
XC164SM-8F	XC166	UART/JTAG	64K byte	STM_IN_A
XC164TM-16F	XC166	UART/JTAG	128K byte	STM_IN_A
XC164TM-4F	XC166	UART/JTAG	32K byte	STM_IN_A
XC164TM-8F	XC166	UART/JTAG	64K byte	STM_IN_A
XC167CI-32F	XC166	UART/JTAG	256K byte	STM_IN_A
XC2220L-12F	XC2000	JTAG	96K byte	INF_B
XC2220L-20F	XC2000	JTAG	160K byte	INF_B
XC2224L-12F	XC2000	JTAG	96K byte	INF_B
XC2224L-20F	XC2000	JTAG	160K byte	INF_B
XC2230L-12F	XC2000	JTAG	96K byte	INF_B
XC2230L-12F_DAP	XC2000	DAP	96K byte	INF_D



**Infineon**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
XC2230L-20F	XC2000	JTAG	160K byte	INF_B
XC2230L-20F_DAP	XC2000	DAP	160K byte	INF_D
XC2234L-12F	XC2000	JTAG	96K byte	INF_B
XC2234L-12F_DAP	XC2000	DAP	96K byte	INF_D
XC2234L-20F	XC2000	JTAG	160K byte	INF_B
XC2234L-20F_DAP	XC2000	DAP	160K byte	INF_D
XC2234N-16F	XC2000	JTAG,UART	128K byte	INF_B
XC2234N-24F	XC2000	JTAG, UART	192K byte	INF_B
XC2234N-40F	XC2000	JTAG,UART	320K byte	INF_B
XC2261N-24F	XC2000	JTAG, UART	192K byte	INF_B
XC2263M-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2263M-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2263M-56F_DAP	XC2000	DAP	448K byte	INF_D
XC2263M-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2263M-72F_DAP	XC2000	DAP	576K byte	INF_D
XC2263N-16F	XC2000	JTAG, UART	128K byte	INF_B
XC2263N-16F_DAP	XC2000	DAP	128K byte	INF_D
XC2263N-24F	XC2000	JTAG, UART	192K byte	INF_B
XC2263N-40F	XC2000	JTAG, UART	320K byte	INF_B
XC2263N-56F_DAP	XC2000	DAP	448K byte	INF_D
XC2264-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2264-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2264-96F	XC2000	JTAG, UART	768K byte	INF_B
XC2264M-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2264M-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2264M-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2264N-16F	XC2000	JTAG, UART	128K byte	INF_B
XC2264N-24F	XC2000	JTAG, UART	192K byte	INF_B
XC2264N-40F	XC2000	JTAG, UART	320K byte	INF_B
XC2265M-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2265M-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2265M-56F_DAP	XC2000	DAP	448K byte	INF_D
XC2265M-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2265N-16F	XC2000	JTAG, UART	128K byte	INF_B
XC2265N-24F	XC2000	JTAG, UART	192K byte	INF_B
XC2265N-40F	XC2000	JTAG, UART	320K byte	INF_B
XC2267-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2267-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2267-96F	XC2000	JTAG, UART	768K byte	INF_B
XC2267M-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2267M-104F_DAP	XC2000	DAP	832K byte	INF_D
XC2267M-56F	XC2000	JTAG, UART	448K byte	INF_B

**Infineon**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
XC2267M-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2268M-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2268M-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2268M-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2268N-40F	XC2000	JTAG, UART	320K byte	INF_B
XC2268N-40F_DAP	XC2000	DAP	320K byte	INF_D
XC2285-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2285-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2285-96F	XC2000	JTAG, UART	768K byte	INF_B
XC2285M-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2285M-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2285M-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2286-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2286-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2286-96F	XC2000	JTAG, UART	768K byte	INF_B
XC2286M-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2286M-104F_DAP	XC2000	DAP	832K byte	INF_D
XC2286M-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2286M-56F_DAP	XC2000	DAP	448K byte	INF_D
XC2286M-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2286M-72F_DAP	XC2000	DAP	576K byte	INF_D
XC2287-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2287-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2287-96F	XC2000	JTAG, UART	768K byte	INF_B
XC2287M-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2287M-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2287M-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2289I-136F_DAP	XC2000	DAP	1088K byte	INF_D
XC2297H-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2297H-136F	XC2000	JTAG, UART	1088K byte	INF_B
XC2297H-136F_DAP	XC2000	DAP	1088K byte	INF_D
XC2297H-200F	XC2000	JTAG, UART	1600K byte	INF_B
XC2298H-136F	XC2000	JTAG, UART	1088K byte	INF_B
XC2298H-200F	XC2000	JTAG, UART	1600K byte	INF_B
XC2299H-136F	XC2000	JTAG, UART	1088K byte	INF_B
XC2299H-200F	XC2000	JTAG, UART	1600K byte	INF_B
XC2320D-12F	XC2000	JTAG, UART	96K byte	INF_B
XC2320D-12F_DAP	XC2000	DAP	96K byte	INF_D
XC2320D-20F	XC2000	JTAG, UART	160K byte	INF_B
XC2320D-20F_DAP	XC2000	DAP	160k byte	INF_D
XC2321D-20F	XC2000	JTAG	160k byte	INF_B
XC2331D-20F	XC2000	JTAG	160k byte	INF_B

**Infineon**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
XC2336A-56F	XC2000	JTAG	448K byte	INF_B
XC2336A-72F	XC2000	JTAG	576K byte	INF_B
XC2336B-24F	XC2000	JTAG,UART	192K byte	INF_B
XC2336B-40F	XC2000	JTAG,UART	320K byte	INF_B
XC2361A-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2361A-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2361B-24F	XC2000	JTAG, UART	192K byte	INF_B
XC2361B-40F	XC2000	JTAG, UART	320K byte	INF_B
XC2361E-104F	XC2000	JTAG	832K byte	INF_B
XC2361E-136F	XC2000	JTAG	1088K byte	INF_B
XC2361E-72F	XC2000	JTAG	576K byte	INF_B
XC2363A-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2363A-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2363B-24F	XC2000	JTAG, UART	192K byte	INF_B
XC2363B-40F	XC2000	JTAG, UART	320K byte	INF_B
XC2364A-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2364A-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2364A-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2364B-24F	XC2000	JTAG, UART	192K byte	INF_B
XC2364B-40F	XC2000	JTAG, UART	320K byte	INF_B
XC2365-48F	XC2000	JTAG, UART	384K byte	INF_B
XC2365-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2365-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2365A-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2365A-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2365A-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2365B-24F	XC2000	JTAG, UART	192K byte	INF_B
XC2365B-40F	XC2000	JTAG, UART	320K byte	INF_B
XC2367E-104F	XC2000	JTAG	832K byte	INF_B
XC2367E-136F	XC2000	JTAG	1088K byte	INF_B
XC2367E-72F	XC2000	JTAG	576K byte	INF_B
XC2385A-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2385A-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2385A-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2387-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2387A-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2387A-56F	XC2000	JTAG, UART	448K byte	INF_B
XC2387A-64F	XC2000	JTAG, UART	512K byte	INF_B
XC2387A-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2387C-200F	XC2000	JTAG, UART	1600K byte	INF_B
XC2723X-20F	XC2000	JTAG	160k byte	INF_B
XC2734X-40F	XC2000	JTAG, UART	320K byte	INF_B

**Infineon**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
XC2765X-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2765X-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2766X-96F	XC2000	JTAG, UART	768K byte	INF_B
XC2785X-104F	XC2000	JTAG, UART	832K byte	INF_B
XC2785X-72F	XC2000	JTAG, UART	576K byte	INF_B
XC2786X-96F	XC2000	JTAG, UART	768K byte	INF_B
XC2787X-136F	XC2000	JTAG, UART	1088K byte	INF_B
XC2787X-200F	XC2000	JTAG, UART	1600K byte	INF_B
XC2788X-136F	XC2000	JTAG, UART	1088K byte	INF_B
TLE9831_DAP	XC800	DAP	32K byte	INF_E
TLE9832_DAP	XC800	DAP	36K byte	INF_E
TLE9834_DAP	XC800	DAP	64K byte	INF_E
XC822-1FR	XC800	UART	4K byte	INF_E
XC822M-1FR	XC800	UART	4K byte	INF_E
XC822MT-0FR	XC800	UART	2K byte	INF_E
XC822MT-1FR	XC800	UART	4K byte	INF_E
XC822T-0FR	XC800	UART	2K byte	INF_E
XC822T-1FR	XC800	UART	4K byte	INF_E
XC824M-1FG	XC800	UART	4K byte	INF_E
XC824MT-1FG	XC800	UART	4K byte	INF_E
XC836-2FR	XC800	UART	8K byte	INF_E
XC866-1F	XC800	JTAG	4K byte	INF_A
XC866-2F	XC800	JTAG	8K byte	INF_A
XC866-4F	XC800	JTAG	16K byte	INF_A
XC866L-1F	XC800	JTAG	4K byte	INF_A
XC866L-2F	XC800	JTAG	8K byte	INF_A
XC866L-4F	XC800	JTAG	16K byte	INF_A
XC886-6F	XC800	JTAG	24K byte	INF_A
XC886-8F	XC800	JTAG	32K byte	INF_A
XC886C-6F	XC800	JTAG	24K byte	INF_A
XC886C-8F	XC800	JTAG	32K byte	INF_A
XC886CLM-6F	XC800	JTAG	24K byte	INF_A
XC886CLM-8F	XC800	JTAG	32K byte	INF_A
XC886CM-6F	XC800	JTAG	24K byte	INF_A
XC886CM-8F	XC800	JTAG	32K byte	INF_A
XC886LM-6F	XC800	JTAG	24K byte	INF_A
XC886LM-8F	XC800	JTAG	32K byte	INF_A
XC888-6F	XC800	JTAG	24K byte	INF_A
XC888-8F	XC800	JTAG	32K byte	INF_A
XC888C-6F	XC800	JTAG	24K byte	INF_A
XC888C-8F	XC800	JTAG	32K byte	INF_A
XC888CLM-6F	XC800	JTAG	24K byte	INF_A

## Infineon



Device Code	Family	Protocol(s)	Memory Size	Algorithm
XC888CLM-8F	XC800	JTAG	32K byte	INF_A
XC888CM-6F	XC800	JTAG	24K byte	INF_A
XC888CM-8F	XC800	JTAG	32K byte	INF_A
XC888LM-6F	XC800	JTAG	24K byte	INF_A
XC888LM-8F	XC800	JTAG	32K byte	INF_A
XE167FM-72F	XE166	JTAG,UART	576K byte	INF_B
XMC1100-T038F0064	XMC	SWD	64K byte	XMC
XMC1301-T038X0064	XMC	SWD	64K byte	XMC
XMC1302-T038X0032	XMC	SWD	32K byte	XMC
XMC1302-T038X0064	XMC	SWD	64K byte	XMC
XMC1302-T038X0128	XMC	SWD	128K bytes	XMC
XMC1302-T038X0200	XMC	SWD	200K bytes	XMC
XMC1402-F064X0064	XMC	SWD	64K bytes	XMC
XMC1402-Q048X00128	XMC	SWD	128K bytes	XMC
XMC1402-Q048X0064	XMC	SWD	64K bytes	XMC
XMC1402-T038X0128	XMC	SWD	128K bytes	XMC
XMC1404-F064X0064	XMC	SWD	64K byte	XMC
XMC1404-F064X0200	XMC	SWD	200K bytes	XMC
XMC4200-F64K256	XMC	SWD	256K bytes	XMC
XMC4500-1024	XMC	JTAG	1024K bytes	CORTEX
XMC4500-768	XMC	JTAG	768K bytes	CORTEX
XMC4502-768	XMC	JTAG	768K bytes	CORTEX
XMC4700-E196X2048	XMC	SWD	2048K bytes	XMC

## Issi

Device Code	Family	Protocol(s)	Memory Size	Algorithm
IS25LP016D	Serial Memories	SPI	16M bit	SERMEM_C
IS25LP080D	Serial Memories	SPI	8M bit	SERMEM_C
IS25LP128F	Serial Memories	SPI	128M bit	SERMEM_C
IS25LP256D	Serial Memories	SPI	256M bit	SERMEM_C
IS25LQ040B	Serial Memories	SPI	4M bit	SERMEM
IS25LQ512B	Serial Memories	SPI	512K bit	SERMEM

## Lattice



Device Code	Family	Protocol(s)	Memory Size	Algorithm
LCMXO2280	MachXO	JTAG	--	CPLD_A
LA-XP2-5E	XP2	JTAG	--	CPLD_A

## Macronix



Device Code	Family	Protocol(s)	Memory Size	Algorithm
MX25L12833F	Serial Memories	SPI	128M bit	SERMEM_C
MX25L12835F	Serial Memories	SPI	128M bit	SERMEM
MX25L1606	Serial Memories	SPI	16M bit	SERMEM
MX25L25635F	Serial Memories	SPI	256M bit	SERMEM
MX25L3206E	Serial Memories	SPI	32M bit	SERMEM
MX25L4005A	Serial Memories	SPI	4M bit	SERMEM
MX25L4006E	Serial Memories	SPI	4M bit	SERMEM
MX25L6406E	Serial Memories	SPI	64M bit	SERMEM
MX25L6433F	Serial Memories	SPI	64M bit	SERMEM
MX25L8006	Serial Memories	SPI	8M bit	SERMEM
MX25R8035F	Serial Memories	SPI	8 Mbit	SERMEM
MX25V4006E	Serial Memories	SPI	4M bit	SERMEM
MX66L1G45G	Serial Memories	SPI	1G bit	SERMEM_C
MX66L25685G	Serial Memories	SPI	256M bit	SERMEM_C
MX66L51285G	Serial Memories	SPI	512M bit	SERMEM_C

## Microchip



Device Code	Family	Protocol(s)	Memory Size	Algorithm
ATSAMD20J18A	ATSAMD	SWD	256K bytes	ATSAM
DSPIC30F1010	dsPIC30	ICSP	2K word	MCHP_A
DSPIC30F2010	dsPIC30	ICSP	4K word + 512 word	MCHP_A
DSPIC30F2011	dsPIC30	ICSP	4K word	MCHP_A
DSPIC30F2012	dsPIC30	ICSP	4K word	MCHP_A
DSPIC30F2020	dsPIC30	ICSP	4K word	MCHP_A
DSPIC30F2023	dsPIC30	ICSP	4K word	MCHP_A
DSPIC30F3010	dsPIC30	ICSP	8K word + 512 word	MCHP_A
DSPIC30F3011	dsPIC30	ICSP	8K word + 512 word	MCHP_A
DSPIC30F3012	dsPIC30	ICSP	8K word + 512 word	MCHP_A
DSPIC30F3013	dsPIC30	ICSP	8K word + 512 word	MCHP_A
DSPIC30F3014	dsPIC30	ICSP	8K word + 512 word	MCHP_A
DSPIC30F4011	dsPIC30	ICSP	16K word + 512 word	MCHP_A
DSPIC30F4012	dsPIC30	ICSP	16K word + 512 word	MCHP_A
DSPIC30F4013	dsPIC30	ICSP	16K word + 512 word	MCHP_A
DSPIC30F5011	dsPIC30	ICSP	22K word + 512 word	MCHP_A
DSPIC30F5013	dsPIC30	ICSP	22K word + 512 word	MCHP_A
DSPIC30F5015	dsPIC30	ICSP	22K word + 512 word	MCHP_A
DSPIC30F5016	dsPIC30	ICSP	22K word + 512 word	MCHP_A
DSPIC30F6010A	dsPIC30	ICSP	48K word + 2K word	MCHP_A
DSPIC30F6011A	dsPIC30	ICSP	44K word + 1K word	MCHP_A
DSPIC30F6012A	dsPIC30	ICSP	48K word + 2K word	MCHP_A

**Microchip**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
DSPIC30F6013A	dsPIC30	ICSP	44K word + 1K word	MCHP_A
DSPIC30F6014A	dsPIC30	ICSP	48K word + 2K word	MCHP_A
DSPIC30F6015	dsPIC30	ICSP	48K word + 2K word	MCHP_A
DSPIC33EP128GP502	dsPIC33	ICSP	44KW Flash	MCHP_A
DSPIC33EP32MC202	dsPIC33	ICSP	11K word	MCHP_A
DSPIC33EP32MC204	dsPIC33	ICSP	32K bytes	MCHP_A
DSPIC33EP512MU810	dsPIC33	ICSP	171K word + 8K word	MCHP_A
DSPIC33EP64MC202	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33EV256GM004	dsPIC33	ICSP	87K word	MCHP_A
DSPIC33FJ06GS101	dsPIC33	ICSP	2K word	MCHP_A
DSPIC33FJ06GS102	dsPIC33	ICSP	2K word	MCHP_A
DSPIC33FJ06GS202	dsPIC33	ICSP	2K word	MCHP_A
DSPIC33FJ128GP202	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128GP204	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128GP206	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128GP306	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128GP310	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128GP706	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128GP708	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128GP710	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128GP802	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128GP804	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128MC202	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128MC204	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128MC506	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128MC510	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128MC706	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128MC708	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ128MC710	dsPIC33	ICSP	44K word	MCHP_A
DSPIC33FJ12GP201	dsPIC33	ICSP	4K word	MCHP_A
DSPIC33FJ12GP202	dsPIC33	ICSP	4K word	MCHP_A
DSPIC33FJ12MC201	dsPIC33	ICSP	4K word	MCHP_A
DSPIC33FJ12MC202	dsPIC33	ICSP	4K word	MCHP_A
DSPIC33FJ16GP304	dsPIC33	ICSP	6K word	MCHP_A
DSPIC33FJ16GS402	dsPIC33	ICSP	6K word	MCHP_A
DSPIC33FJ16GS404	dsPIC33	ICSP	6K word	MCHP_A
DSPIC33FJ16GS502	dsPIC33	ICSP	6K word	MCHP_A
DSPIC33FJ16GS504	dsPIC33	ICSP	6K word	MCHP_A
DSPIC33FJ16MC304	dsPIC33	ICSP	6K word	MCHP_A
DSPIC33FJ256GP506	dsPIC33	ICSP	87K word	MCHP_A
DSPIC33FJ256GP506A	dsPIC33	ICSP	87K word	MCHP_A
DSPIC33FJ256GP510	dsPIC33	ICSP	87K word	MCHP_A

**Microchip**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
DSPIC33FJ256GP710	dsPIC33	ICSP	87K word	MCHP_A
DSPIC33FJ256GP710A	dsPIC33	ICSP	87K word	MCHP_A
DSPIC33FJ256MC510	dsPIC33	ICSP	87K word	MCHP_A
DSPIC33FJ256MC710	dsPIC33	ICSP	87K word	MCHP_A
DSPIC33FJ256MC710A	dsPIC33	ICSP	87K word	MCHP_A
DSPIC33FJ32GP202	dsPIC33	ICSP	11K word	MCHP_A
DSPIC33FJ32GP204	dsPIC33	ICSP	11K word	MCHP_A
DSPIC33FJ32GS406	dsPIC33	ICSP	11K word	MCHP_A
DSPIC33FJ32GS606	dsPIC33	ICSP	11K word	MCHP_A
DSPIC33FJ32GS608	dsPIC33	ICSP	11K word	MCHP_A
DSPIC33FJ32GS610	dsPIC33	ICSP	11K word	MCHP_A
DSPIC33FJ32MC202	dsPIC33	ICSP	11K word	MCHP_A
DSPIC33FJ32MC204	dsPIC33	ICSP	11K word	MCHP_A
DSPIC33FJ64GP206	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64GP306	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64GP310	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64GP706	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64GP708	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64GP710	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64GP802	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64GP804	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64GS406	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64GS606	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64GS608	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64GS610	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64MC202	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64MC204	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64MC506	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64MC508	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64MC510	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64MC706	dsPIC33	ICSP	22K word	MCHP_A
DSPIC33FJ64MC710	dsPIC33	ICSP	22K word	MCHP_A
MCP25020	MCP250XX	ICSP	142 byte	MCHP_B
MCP25025	MCP250XX	ICSP	142 byte	MCHP_B
MCP25050	MCP250XX	ICSP	142 byte	MCHP_B
MCP25055	MCP250XX	ICSP	142 byte	MCHP_B
PIC10F200	PIC10	ICSP	256 word	PIC16
PIC10F202	PIC10	ICSP	512 word	PIC16
PIC10F204	PIC10	ICSP	256 word	PIC16
PIC10F206	PIC10	ICSP	512 word	PIC16
PIC10F220	PIC10	ICSP	256 word	PIC16
PIC10F222	PIC10	ICSP	512 word	PIC16



## Microchip



Device Code	Family	Protocol(s)	Memory Size	Algorithm
PIC10LF322	PIC10	ICSP	512 word	PIC16
MCP19115	PIC12	ICSP	4K words	PIC16
MCP19117	PIC12	ICSP	8K words	PIC16
PIC12F1572	PIC12	ICSP	2K word	PIC16
PIC12F1822	PIC12	ICSP	2K word + 256 byte	PIC16
PIC12F508	PIC12	ICSP	512 word	PIC16
PIC12F509	PIC12	ICSP	1K word	PIC16
PIC12F510	PIC12	ICSP	1K word	PIC16
PIC12F519	PIC12	ICSP	1K word + 64 byte	PIC16
PIC12F609	PIC12	ICSP	1K word	PIC16
PIC12F615	PIC12	ICSP	1K word	PIC16
PIC12F617	PIC12	ICSP	2K word	PIC16
PIC12F629	PIC12	ICSP	1K word + 128 byte	PIC16
PIC12F635	PIC12	ICSP	1K word + 128 byte	PIC16
PIC12F675	PIC12	ICSP	1K word + 128 byte	PIC16
PIC12F683	PIC12	ICSP	2K word + 256 byte	PIC16
PIC12HV609	PIC12	ICSP	512 word	PIC16
PIC12HV615	PIC12	ICSP	1K word	PIC16
PIC12LF1552	PIC12	ICSP	2K word + 256 bytes	PIC16
PIC12LF1572	PIC12	ICSP	2K word	PIC16
PIC12LF1822	PIC12	ICSP	2K word + 256 byte	PIC16
PIC12LF1840	PIC12	ICSP	4K word + 256 byte	PIC16
PIC12LF1840T48A	PIC12	ICSP	4K word + 256 byte	PIC16
PIC12F1501	PIC16	ICSP	1K word	PIC16
PIC16C505	PIC16	ICSP	1024 word	PIC16
PIC16C716	PIC16	ICSP	2K word	PIC16
PIC16CR83	PIC16	ICSP	1K word + 64 byte	PIC16
PIC16CR84	PIC16	ICSP	1K word + 64 byte	PIC16
PIC16F1454	PIC16	ICSP	8K word	PIC16
PIC16F1503	PIC16	ICSP	2K word	PIC16
PIC16F1507	PIC16	ICSP	2K word	PIC16
PIC16F1508	PIC16	ICSP	4K word	PIC16
PIC16F1509	PIC16	ICSP	8K word	PIC16
PIC16F1512	PIC16	ICSP	2K word	PIC16
PIC16F1513	PIC16	ICSP	4K word	PIC16
PIC16F1516	PIC16	ICSP	8K word	PIC16
PIC16F1517	PIC16	ICSP	8K word	PIC16
PIC16F1518	PIC16	ICSP	16K word	PIC16
PIC16F1519	PIC16	ICSP	16K word	PIC16
PIC16F1526	PIC16	ICSP	8K word	PIC16
PIC16F1527	PIC16	ICSP	16K word	PIC16
PIC16F1704	PIC16	ICSP	4K word	PIC16

**Microchip**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
PIC16F1705	PIC16	ICSP	8K word	PIC16
PIC16F1782	PIC16	ICSP	2K word + 256 byte	PIC16
PIC16F1823	PIC16	ICSP	2K word + 256 byte	PIC16
PIC16F1824	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F1825	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F1826	PIC16	ICSP	2K word + 256 byte	PIC16
PIC16F1827	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F1828	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F1829	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F18324	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F18345	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F18346	PIC16	ICSP	16K word	PIC16
PIC16F18855	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F18876	PIC16	ICSP	16K word + 256 byte	PIC16
PIC16F18877	PIC16	ICSP	32K word + 256 byte	PIC16
PIC16F19175	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F1933	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F1934	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F1936	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F1937	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F1938	PIC16	ICSP	16K word + 256 byte	PIC16
PIC16F1939	PIC16	ICSP	16K word + 256 byte	PIC16
PIC16F1946	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F1947	PIC16	ICSP	16K word + 256 byte	PIC16
PIC16F505	PIC16	ICSP	1K word	PIC16
PIC16F506	PIC16	ICSP	1K word	PIC16
PIC16F526	PIC16	ICSP	1K word + 64 word	PIC16
PIC16F527	PIC16	ICSP	1K word + 64 byte	PIC16
PIC16F54	PIC16	ICSP	512 word	PIC16
PIC16F57	PIC16	ICSP	2K word	PIC16
PIC16F59	PIC16	ICSP	2K word	PIC16
PIC16F610	PIC16	ICSP	1K word	PIC16
PIC16F616	PIC16	ICSP	2K word	PIC16
PIC16F627A	PIC16	ICSP	1K word + 128 byte	PIC16
PIC16F628A	PIC16	ICSP	2K word + 128 byte	PIC16
PIC16F630	PIC16	ICSP	1K word + 128 byte	PIC16
PIC16F631	PIC16	ICSP	1K word + 128 byte	PIC16
PIC16F636	PIC16	ICSP	2K word + 256 byte	PIC16
PIC16F639	PIC16	ICSP	2K word + 256 byte	PIC16
PIC16F648A	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F676	PIC16	ICSP	1K word + 128 byte	PIC16
PIC16F677	PIC16	ICSP	2K word + 256 byte	PIC16

## Microchip



Device Code	Family	Protocol(s)	Memory Size	Algorithm
PIC16F684	PIC16	ICSP	2K word + 256 byte	PIC16
PIC16F685	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F687	PIC16	ICSP	2K word + 256 byte	PIC16
PIC16F688	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F689	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F690	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F716	PIC16	ICSP	2K word	PIC16
PIC16F72	PIC16	ICSP	2K word	PIC16
PIC16F722	PIC16	ICSP	2K word	PIC16
PIC16F723	PIC16	ICSP	4K word	PIC16
PIC16F724	PIC16	ICSP	4K word	PIC16
PIC16F726	PIC16	ICSP	8K word	PIC16
PIC16F727	PIC16	ICSP	8K word	PIC16
PIC16F73	PIC16	ICSP	4K word	PIC16
PIC16F737	PIC16	ICSP	4K word	PIC16
PIC16F74	PIC16	ICSP	4K word	PIC16
PIC16F747	PIC16	ICSP	4K word	PIC16
PIC16F76	PIC16	ICSP	8K word	PIC16
PIC16F767	PIC16	ICSP	8K word	PIC16
PIC16F77	PIC16	ICSP	8K word	PIC16
PIC16F777	PIC16	ICSP	8K word	PIC16
PIC16F785	PIC16	ICSP	2K word + 256 byte	PIC16
PIC16F818	PIC16	ICSP	1K word + 128 byte	PIC16
PIC16F819	PIC16	ICSP	2K word + 256 byte	PIC16
PIC16F83	PIC16	ICSP	1K word + 64 byte	PIC16
PIC16F84	PIC16	ICSP	1K word + 64 byte	PIC16
PIC16F84A	PIC16	ICSP	1K word + 64 byte	PIC16
PIC16F87	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F870	PIC16	ICSP	2K word + 64 byte	PIC16
PIC16F871	PIC16	ICSP	2K word + 64 byte	PIC16
PIC16F872	PIC16	ICSP	2K word + 64 byte	PIC16
PIC16F873	PIC16	ICSP	4K word + 128 byte	PIC16
PIC16F873A	PIC16	ICSP	4K word + 128 byte	PIC16
PIC16F874	PIC16	ICSP	4K word + 128 byte	PIC16
PIC16F874A	PIC16	ICSP	4K word + 128 byte	PIC16
PIC16F876	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F876A	PIC16	ICSP	8K word + 128 byte	PIC16
PIC16F877	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F877A	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F88	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F882	PIC16	ICSP	2K word + 128 byte	PIC16
PIC16F883	PIC16	ICSP	4K word + 256 byte	PIC16

## Microchip



Device Code	Family	Protocol(s)	Memory Size	Algorithm
PIC16F884	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F886	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F887	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F913	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F914	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16F916	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F917	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16F946	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16HV610	PIC16	ICSP	512 word	PIC16
PIC16HV616	PIC16	ICSP	2K word	PIC16
PIC16HV785	PIC16	ICSP	2K word + 256 byte	PIC16
PIC16LF1503	PIC16	ICSP	2K word	PIC16
PIC16LF1507	PIC16	ICSP	2K word	PIC16
PIC16LF1508	PIC16	ICSP	4K word	PIC16
PIC16LF1512	PIC16	ICSP	2K word	PIC16
PIC16LF1513	PIC16	ICSP	4K word	PIC16
PIC16LF1516	PIC16	ICSP	8K word	PIC16
PIC16LF1517	PIC16	ICSP	8K word	PIC16
PIC16LF1518	PIC16	ICSP	16K word	PIC16
PIC16LF1519	PIC16	ICSP	16K word	PIC16
PIC16LF1526	PIC16	ICSP	8K word	PIC16
PIC16LF1527	PIC16	ICSP	16K word	PIC16
PIC16LF15375	PIC16	ICSP	4K word	PIC16
PIC16LF1554	PIC16	ICSP	4K word	PIC16
PIC16LF1705	PIC16	ICSP	8K word	PIC16
PIC16LF1823	PIC16	ICSP	2K word + 256 byte	PIC16
PIC16LF1824	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16LF1826	PIC16	ICSP	2K word + 256 byte	PIC16
PIC16LF1827	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16LF1828	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16LF1829	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16LF18346	PIC16	ICSP	16K word	PIC16
PIC16LF1902	PIC16	ICSP	2K word + 256 byte	PIC16
PIC16LF1903	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16LF1904	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16LF1906	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16LF1907	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16LF1933	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16LF1934	PIC16	ICSP	4K word + 256 byte	PIC16
PIC16LF1936	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16LF1938	PIC16	ICSP	16K word + 256 byte	PIC16
PIC16LF1939	PIC16	ICSP	16K word + 256 byte	PIC16

**Microchip**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
PIC16LF1946	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16LF1947	PIC16	ICSP	16K word + 256 byte	PIC16
PIC16LF722	PIC16	ICSP	2K word	PIC16
PIC16LF723	PIC16	ICSP	4K word	PIC16
PIC16LF724	PIC16	ICSP	4K word	PIC16
PIC16LF726	PIC16	ICSP	8K word	PIC16
PIC16LF727	PIC16	ICSP	8K word	PIC16
PIC16LF873A	PIC16	ICSP	4K word + 128 byte	PIC16
PIC16LF874A	PIC16	ICSP	4K word + 128 byte	PIC16
PIC16LF876A	PIC16	ICSP	8K word + 256 byte	PIC16
PIC16LF877A	PIC16	ICSP	8K word + 256 byte	PIC16
PIC18F1220	PIC18	ICSP	4K byte + 256 byte	PIC18
PIC18F1230	PIC18	ICSP	4K byte + 128 byte	PIC18
PIC18F1320	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18F1330	PIC18	ICSP	8K byte + 128 byte	PIC18
PIC18F13K22	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18F14K22	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F2220	PIC18	ICSP	4K byte + 256 byte	PIC18
PIC18F2221	PIC18	ICSP	4K byte + 256 byte	PIC18
PIC18F2320	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18F2321	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18F2331	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18F23K20	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18F23K22	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18F2410	PIC18	ICSP	16K byte	PIC18
PIC18F242	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F2420	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F2423	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F2431	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F2450	PIC18	ICSP	16K byte	PIC18
PIC18F2455	PIC18	ICSP	24K byte + 256 byte	PIC18
PIC18F2458	PIC18	ICSP	24K byte + 256 byte	PIC18
PIC18F248	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F2480	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F24J10	PIC18	ICSP	16K byte	PIC18
PIC18F24K20	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F24K22	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F2510	PIC18	ICSP	32K byte	PIC18
PIC18F2515	PIC18	ICSP	48K byte	PIC18
PIC18F252	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F2520	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F2523	PIC18	ICSP	32K byte + 256 byte	PIC18

**Microchip**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
PIC18F2525	PIC18	ICSP	48K byte + 1K byte	PIC18
PIC18F2550	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F2553	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F258	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F2580	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F2585	PIC18	ICSP	48K byte + 1K byte	PIC18
PIC18F25J10	PIC18	ICSP	32K byte	PIC18
PIC18F25K20	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F25K22	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F25K80	PIC18	ICSP	32K byte + 1K byte	PIC18
PIC18F2610	PIC18	ICSP	64K byte	PIC18
PIC18F2620	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F2680	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F2682	PIC18	ICSP	80K byte + 1K byte	PIC18
PIC18F2685	PIC18	ICSP	96K byte + 1K byte	PIC18
PIC18F26K20	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F26K22	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F26K40	PIC18	ICSP	32 words + 1024 bytes	PIC18
PIC18F26K80	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F4220	PIC18	ICSP	4K byte + 256 byte	PIC18
PIC18F4221	PIC18	ICSP	4K byte + 256 byte	PIC18
PIC18F4320	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18F4321	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18F4331	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18F43K20	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18F43K22	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18F4410	PIC18	ICSP	16K byte	PIC18
PIC18F442	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F4420	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F4423	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F4431	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F4450	PIC18	ICSP	16K byte	PIC18
PIC18F4455	PIC18	ICSP	24K byte + 256 byte	PIC18
PIC18F4458	PIC18	ICSP	24K byte + 256 byte	PIC18
PIC18F448	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F4480	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F44J10	PIC18	ICSP	16K byte	PIC18
PIC18F44K20	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F44K22	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18F4510	PIC18	ICSP	32K byte	PIC18
PIC18F4515	PIC18	ICSP	48K byte	PIC18
PIC18F452	PIC18	ICSP	32K byte + 256 byte	PIC18

**Microchip**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
PIC18F4520	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F4523	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F4525	PIC18	ICSP	48K byte + 1K byte	PIC18
PIC18F4550	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F4553	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F458	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F4580	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F4585	PIC18	ICSP	48K byte + 1K byte	PIC18
PIC18F45J10	PIC18	ICSP	32K byte	PIC18
PIC18F45K20	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F45K22	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18F45K80	PIC18	ICSP	32K byte + 1K byte	PIC18
PIC18F4610	PIC18	ICSP	64K byte	PIC18
PIC18F4620	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F4680	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F4682	PIC18	ICSP	80K byte + 1K byte	PIC18
PIC18F4685	PIC18	ICSP	96K byte + 1K byte	PIC18
PIC18F46K20	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F46K22	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F46K80	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F6310	PIC18	ICSP	8K byte	PIC18
PIC18F6390	PIC18	ICSP	8K byte	PIC18
PIC18F6393	PIC18	ICSP	8K byte	PIC18
PIC18F63J11	PIC18	ICSP	8K byte	PIC18
PIC18F63J90	PIC18	ICSP	8K byte	PIC18
PIC18F6410	PIC18	ICSP	16K byte	PIC18
PIC18F6490	PIC18	ICSP	16K byte	PIC18
PIC18F6493	PIC18	ICSP	16K byte	PIC18
PIC18F64J11	PIC18	ICSP	16K byte	PIC18
PIC18F64J90	PIC18	ICSP	16K byte	PIC18
PIC18F6520	PIC18	ICSP	32K byte + 1K byte	PIC18
PIC18F6525	PIC18	ICSP	48K byte + 1K byte	PIC18
PIC18F6527	PIC18	ICSP	48K byte + 1K byte	PIC18
PIC18F6585	PIC18	ICSP	48K byte + 1K byte	PIC18
PIC18F65J10	PIC18	ICSP	32K byte	PIC18
PIC18F65J11	PIC18	ICSP	32K byte	PIC18
PIC18F65J15	PIC18	ICSP	48K byte	PIC18
PIC18F65J50	PIC18	ICSP	32K byte	PIC18
PIC18F65J90	PIC18	ICSP	32K byte	PIC18
PIC18F65K80	PIC18	ICSP	32K byte + 1K byte	PIC18
PIC18F65K90	PIC18	ICSP	32K byte + 1K byte	PIC18
PIC18F6620	PIC18	ICSP	64K byte + 1K byte	PIC18

**Microchip**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
PIC18F6621	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F6622	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F6627	PIC18	ICSP	96K byte + 1K byte	PIC18
PIC18F6628	PIC18	ICSP	96K byte + 1K byte	PIC18
PIC18F6680	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F66J10	PIC18	ICSP	64K byte	PIC18
PIC18F66J11	PIC18	ICSP	64K byte	PIC18
PIC18F66J15	PIC18	ICSP	96K byte	PIC18
PIC18F66J16	PIC18	ICSP	96K byte	PIC18
PIC18F66J50	PIC18	ICSP	64K byte	PIC18
PIC18F66J55	PIC18	ICSP	96K byte	PIC18
PIC18F66J60	PIC18	ICSP	64K byte	PIC18
PIC18F66J65	PIC18	ICSP	96K byte	PIC18
PIC18F66K22	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F66K90	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F6720	PIC18	ICSP	128K byte + 1K byte	PIC18
PIC18F6722	PIC18	ICSP	128K byte + 1K byte	PIC18
PIC18F6723	PIC18	ICSP	128K byte + 1K byte	PIC18
PIC18F67J10	PIC18	ICSP	128K byte	PIC18
PIC18F67J11	PIC18	ICSP	128K byte	PIC18
PIC18F67J50	PIC18	ICSP	128K byte	PIC18
PIC18F67J60	PIC18	ICSP	128K byte	PIC18
PIC18F67K22	PIC18	ICSP	128K byte + 1K byte	PIC18
PIC18F67K90	PIC18	ICSP	128K byte + 1K byte	PIC18
PIC18F8310	PIC18	ICSP	8K byte	PIC18
PIC18F8390	PIC18	ICSP	8K byte	PIC18
PIC18F8393	PIC18	ICSP	8K byte	PIC18
PIC18F83J11	PIC18	ICSP	8K byte	PIC18
PIC18F83J90	PIC18	ICSP	8K byte	PIC18
PIC18F8410	PIC18	ICSP	16K byte	PIC18
PIC18F8490	PIC18	ICSP	16K byte	PIC18
PIC18F8493	PIC18	ICSP	16K byte	PIC18
PIC18F84J11	PIC18	ICSP	16K byte	PIC18
PIC18F84J90	PIC18	ICSP	16K byte	PIC18
PIC18F8520	PIC18	ICSP	32K byte + 1K byte	PIC18
PIC18F8525	PIC18	ICSP	48K byte + 1K byte	PIC18
PIC18F8527	PIC18	ICSP	48K byte + 1K byte	PIC18
PIC18F8585	PIC18	ICSP	48K byte + 1K byte	PIC18
PIC18F85J10	PIC18	ICSP	32K byte	PIC18
PIC18F85J11	PIC18	ICSP	32K byte	PIC18
PIC18F85J15	PIC18	ICSP	48K byte	PIC18
PIC18F85J50	PIC18	ICSP	32K byte	PIC18



## Microchip



Device Code	Family	Protocol(s)	Memory Size	Algorithm
PIC18F85J90	PIC18	ICSP	32K byte	PIC18
PIC18F85K22	PIC18	ICSP	32K byte + 1K byte	PIC18
PIC18F85K90	PIC18	ICSP	32K byte + 1K byte	PIC18
PIC18F8620	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F8621	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F8622	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F8627	PIC18	ICSP	96K byte + 1K byte	PIC18
PIC18F8628	PIC18	ICSP	96K byte + 1K byte	PIC18
PIC18F8680	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F86J10	PIC18	ICSP	64K byte	PIC18
PIC18F86J11	PIC18	ICSP	64K byte	PIC18
PIC18F86J15	PIC18	ICSP	96K byte	PIC18
PIC18F86J16	PIC18	ICSP	96K byte	PIC18
PIC18F86J50	PIC18	ICSP	64K byte	PIC18
PIC18F86J55	PIC18	ICSP	96K byte	PIC18
PIC18F86J60	PIC18	ICSP	64K byte	PIC18
PIC18F86J65	PIC18	ICSP	96K byte	PIC18
PIC18F86K22	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F86K90	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18F8720	PIC18	ICSP	128K byte + 1K byte	PIC18
PIC18F8722	PIC18	ICSP	128K byte + 1K byte	PIC18
PIC18F8723	PIC18	ICSP	128K byte + 1K byte	PIC18
PIC18F87J10	PIC18	ICSP	128K byte	PIC18
PIC18F87J11	PIC18	ICSP	128K byte	PIC18
PIC18F87J50	PIC18	ICSP	128K byte	PIC18
PIC18F87J60	PIC18	ICSP	128K byte	PIC18
PIC18F87K22	PIC18	ICSP	128K byte + 1K byte	PIC18
PIC18F87K90	PIC18	ICSP	128K byte + 1K byte	PIC18
PIC18F96J60	PIC18	ICSP	64K byte	PIC18
PIC18F96J65	PIC18	ICSP	96K byte	PIC18
PIC18F97J60	PIC18	ICSP	128K byte	PIC18
PIC18LF13K22	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18LF14K22	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18LF23K22	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18LF24J10	PIC18	ICSP	16K byte	PIC18
PIC18LF24K22	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18LF25J10	PIC18	ICSP	32K byte	PIC18
PIC18LF25K22	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18LF25K80	PIC18	ICSP	32K byte + 1K byte	PIC18
PIC18LF2620	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18LF26K22	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18LF26K80	PIC18	ICSP	64K byte + 1K byte	PIC18

**Microchip**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
PIC18LF43K22	PIC18	ICSP	8K byte + 256 byte	PIC18
PIC18LF44J10	PIC18	ICSP	16K byte	PIC18
PIC18LF44K22	PIC18	ICSP	16K byte + 256 byte	PIC18
PIC18LF4520	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18LF45J10	PIC18	ICSP	32K byte	PIC18
PIC18LF45K22	PIC18	ICSP	32K byte + 256 byte	PIC18
PIC18LF45K80	PIC18	ICSP	32K byte + 1K byte	PIC18
PIC18LF46K22	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18LF46K80	PIC18	ICSP	64K byte + 1K byte	PIC18
PIC18LF65K80	PIC18	ICSP	32K byte + 1K byte	PIC18
PIC18F25Q10	PIC18FK	ICSP	32KB + 256 bytes	PIC18FK
PIC18F27K40	PIC18FK	ICSP	64K words + 1024 bytes	PIC18FK
PIC18LF65K40	PIC18FK	ICSP	32K byte + 1K byte	PIC18FK
PIC24F32KA302	PIC24	ICSP	22K word + 256 word	MCHP_A
PIC24FJ128GA006	PIC24	ICSP	44K word	MCHP_A
PIC24FJ128GA008	PIC24	ICSP	44K word	MCHP_A
PIC24FJ128GA010	PIC24	ICSP	44K word	MCHP_A
PIC24FJ128GA106	PIC24	ICSP	44K word	MCHP_A
PIC24FJ128GA108	PIC24	ICSP	44K word	MCHP_A
PIC24FJ128GA110	PIC24	ICSP	44K word	MCHP_A
PIC24FJ128GA406	PIC24	ICSP	44KW Flash	MCHP_A
PIC24FJ128GB110	PIC24	ICSP	44K word	MCHP_A
PIC24FJ16GA002	PIC24	ICSP	5K word	MCHP_A
PIC24FJ16GA004	PIC24	ICSP	5K word	MCHP_A
PIC24FJ192GA106	PIC24	ICSP	67K word	MCHP_A
PIC24FJ192GA108	PIC24	ICSP	67K word	MCHP_A
PIC24FJ192GA110	PIC24	ICSP	67K word	MCHP_A
PIC24FJ256GA106	PIC24	ICSP	87K word	MCHP_A
PIC24FJ256GA108	PIC24	ICSP	87K word	MCHP_A
PIC24FJ256GA110	PIC24	ICSP	87K word	MCHP_A
PIC24FJ256GA406	PIC24	ICSP	88KW Flash	MCHP_A
PIC24FJ256GB106	PIC24	ICSP	87K word	MCHP_A
PIC24FJ256GB110	PIC24	ICSP	87K word	MCHP_A
PIC24FJ32GA002	PIC24	ICSP	11K word	MCHP_A
PIC24FJ32GA004	PIC24	ICSP	11K word	MCHP_A
PIC24FJ32GA102	PIC24	ICSP	11K word + --	MCHP_A
PIC24FJ32GA104	PIC24	ICSP	11K word + --	MCHP_A
PIC24FJ32GB002	PIC24	ICSP	11K word + --	MCHP_A
PIC24FJ32GB004	PIC24	ICSP	11K word + --	MCHP_A
PIC24FJ48GA002	PIC24	ICSP	16K word	MCHP_A
PIC24FJ48GA004	PIC24	ICSP	16K word	MCHP_A
PIC24FJ64GA002	PIC24	ICSP	22K word	MCHP_A

**Microchip**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
PIC24FJ64GA004	PIC24	ICSP	22K word	MCHP_A
PIC24FJ64GA006	PIC24	ICSP	22K word	MCHP_A
PIC24FJ64GA008	PIC24	ICSP	22K word	MCHP_A
PIC24FJ64GA010	PIC24	ICSP	22K word	MCHP_A
PIC24FJ64GA102	PIC24	ICSP	22K word + --	MCHP_A
PIC24FJ64GA104	PIC24	ICSP	22K word + --	MCHP_A
PIC24FJ64GA204	PIC24	ICSP	22KW Flash	MCHP_A
PIC24FJ64GB002	PIC24	ICSP	22K word + --	MCHP_A
PIC24FJ64GB004	PIC24	ICSP	22K word + --	MCHP_A
PIC24FJ96GA006	PIC24	ICSP	32K word	MCHP_A
PIC24FJ96GA008	PIC24	ICSP	32K word	MCHP_A
PIC24FJ96GA010	PIC24	ICSP	32K word	MCHP_A
PIC24FV32KA302	PIC24	ICSP	22K word + 256 word	MCHP_A
PIC24HJ128GP206	PIC24	ICSP	44K word	MCHP_A
PIC24HJ128GP210	PIC24	ICSP	44K word	MCHP_A
PIC24HJ128GP306	PIC24	ICSP	44K word	MCHP_A
PIC24HJ128GP310	PIC24	ICSP	44K word	MCHP_A
PIC24HJ128GP502	PIC24	ICSP	44K word	MCHP_A
PIC24HJ128GP504	PIC24	ICSP	44K word	MCHP_A
PIC24HJ128GP506	PIC24	ICSP	44K word	MCHP_A
PIC24HJ128GP510	PIC24	ICSP	44K word	MCHP_A
PIC24HJ12GP201	PIC24	ICSP	4K word	MCHP_A
PIC24HJ12GP202	PIC24	ICSP	4K word	MCHP_A
PIC24HJ16GP304	PIC24	ICSP	6K word	MCHP_A
PIC24HJ256GP206	PIC24	ICSP	87K word	MCHP_A
PIC24HJ256GP210	PIC24	ICSP	87K word	MCHP_A
PIC24HJ256GP610	PIC24	ICSP	87K word	MCHP_A
PIC24HJ256GP610A	PIC24	ICSP	87K word	MCHP_A
PIC24HJ32GP202	PIC24	ICSP	11K word	MCHP_A
PIC24HJ32GP204	PIC24	ICSP	11K word	MCHP_A
PIC24HJ64GP206	PIC24	ICSP	22K word	MCHP_A
PIC24HJ64GP210	PIC24	ICSP	22K word	MCHP_A
PIC24HJ64GP506	PIC24	ICSP	22K word	MCHP_A
PIC24HJ64GP510	PIC24	ICSP	22K word	MCHP_A
PIC32MX350F256H	PIC32	JTAG, ICSP	256K+12K	PIC32
PIC32MX360F512	PIC32	JTAG, ICSP	512K+12K	PIC32
PIC32MX795F512L	PIC32	JTAG, ICSP	512K+12K	PIC32
24AA00	Serial Memories	I2C	128 bit	SERMEM
24AA01	Serial Memories	I2C	1K bit	SERMEM
24AA02	Serial Memories	I2C	2K bit	SERMEM
24AA04	Serial Memories	I2C	4K bit	SERMEM
24AA08	Serial Memories	I2C	8K bit	SERMEM

## Microchip



Device Code	Family	Protocol(s)	Memory Size	Algorithm
24AA1025	Serial Memories	I2C	1M bit	SERMEM
24AA128	Serial Memories	I2C	128K bit	SERMEM
24AA14	Serial Memories	I2C	1K bit	SERMEM
24AA16	Serial Memories	I2C	16K bit	SERMEM
24AA164	Serial Memories	I2C	16K bit	SERMEM
24AA174	Serial Memories	I2C	16K bit	SERMEM
24AA24	Serial Memories	I2C	2K bit	SERMEM
24AA25	Serial Memories	I2C	2K bit	SERMEM
24AA256	Serial Memories	I2C	256K bit	SERMEM
24AA32A	Serial Memories	I2C	32K bit	SERMEM
24AA512	Serial Memories	I2C	512K bit	SERMEM
24AA515	Serial Memories	I2C	512K bit	SERMEM
24AA52	Serial Memories	I2C	2K bit	SERMEM
24AA64	Serial Memories	I2C	64K bit	SERMEM
24AA65	Serial Memories	I2C	64K bit	SERMEM
24C00	Serial Memories	I2C	128 bit	SERMEM
24C01C	Serial Memories	I2C	1K bit	SERMEM
24C02C	Serial Memories	I2C	2K bit	SERMEM
24FC1025	Serial Memories	I2C	1M bit	SERMEM
24FC128	Serial Memories	I2C	128K bit	SERMEM
24FC256	Serial Memories	I2C	256K bit	SERMEM
24FC512	Serial Memories	I2C	512K bit	SERMEM
24FC515	Serial Memories	I2C	512K bit	SERMEM
24FC64	Serial Memories	I2C	64K bit	SERMEM
24FC65	Serial Memories	I2C	64K bit	SERMEM
24LC00	Serial Memories	I2C	128 bit	SERMEM
24LC01B	Serial Memories	I2C	1K bit	SERMEM
24LC02B	Serial Memories	I2C	2K bit	SERMEM
24LC04B	Serial Memories	I2C	4K bit	SERMEM
24LC08B	Serial Memories	I2C	8K bit	SERMEM
24LC1025	Serial Memories	I2C	1M bit	SERMEM
24LC128	Serial Memories	I2C	128K bit	SERMEM
24LC14	Serial Memories	I2C	1K bit	SERMEM
24LC16B	Serial Memories	I2C	16K bit	SERMEM
24LC21A	Serial Memories	I2C	1K bit	SERMEM
24LC22A	Serial Memories	I2C	2K bit	SERMEM
24LC24	Serial Memories	I2C	2K bit	SERMEM
24LC25	Serial Memories	I2C	2K bit	SERMEM
24LC256	Serial Memories	I2C	256K bit	SERMEM
24LC32A	Serial Memories	I2C	32K bit	SERMEM
24LC512	Serial Memories	I2C	512K bit	SERMEM
24LC515	Serial Memories	I2C	512K bit	SERMEM

## Microchip



Device Code	Family	Protocol(s)	Memory Size	Algorithm
24LC64	Serial Memories	I2C	64K bit	SERMEM
24LC65	Serial Memories	I2C	64K bit	SERMEM
24LCS21A	Serial Memories	I2C	1K bit	SERMEM
24LCS52	Serial Memories	I2C	2K bit	SERMEM
25AA010A	Serial Memories	SPI	1K bit	SERMEM
25AA020A	Serial Memories	SPI	2K bit	SERMEM
25AA040	Serial Memories	SPI	4K bit	SERMEM
25AA040A	Serial Memories	SPI	4K bit	SERMEM
25AA080	Serial Memories	SPI	8K bit	SERMEM
25AA080A	Serial Memories	SPI	8K bit	SERMEM
25AA080B	Serial Memories	SPI	8K bit	SERMEM
25AA1024	Serial Memories	SPI	1M bit	SERMEM
25AA160	Serial Memories	SPI	16K bit	SERMEM
25AA160A	Serial Memories	SPI	16K bit	SERMEM
25AA160B	Serial Memories	SPI	16K bit	SERMEM
25AA256	Serial Memories	SPI	256K bit	SERMEM
25AA320	Serial Memories	SPI	32K bit	SERMEM
25AA320A	Serial Memories	SPI	32K bit	SERMEM
25AA512	Serial Memories	SPI	512K bit	SERMEM
25AA640	Serial Memories	SPI	64K bit	SERMEM
25C040	Serial Memories	SPI	4K bit	SERMEM
25C080	Serial Memories	SPI	8K bit	SERMEM
25C160	Serial Memories	SPI	16K bit	SERMEM
25C320	Serial Memories	SPI	32K bit	SERMEM
25LC010A	Serial Memories	SPI	1K bit	SERMEM
25LC020A	Serial Memories	SPI	2K bit	SERMEM
25LC040	Serial Memories	SPI	4K bit	SERMEM
25LC040A	Serial Memories	SPI	4K bit	SERMEM
25LC080	Serial Memories	SPI	8K bit	SERMEM
25LC080A	Serial Memories	SPI	8K bit	SERMEM
25LC080B	Serial Memories	SPI	8K bit	SERMEM
25LC1024	Serial Memories	SPI	1M bit	SERMEM
25LC128	Serial Memories	SPI	128K bit	SERMEM
25LC160	Serial Memories	SPI	16K bit	SERMEM
25LC160A	Serial Memories	SPI	16K bit	SERMEM
25LC160B	Serial Memories	SPI	16K bit	SERMEM
25LC256	Serial Memories	SPI	256K bit	SERMEM
25LC320	Serial Memories	SPI	32K bit	SERMEM
25LC320A	Serial Memories	SPI	32K bit	SERMEM
25LC512	Serial Memories	SPI	512K bit	SERMEM
25LC640	Serial Memories	SPI	64K bit	SERMEM
25LC640A	Serial Memories	SPI	64K bit	SERMEM

## Microchip



Device Code	Family	Protocol(s)	Memory Size	Algorithm
93AA46A	Serial Memories	MICROWIRE	1K bit	SERMEM
93AA46B	Serial Memories	MICROWIRE	1K bit	SERMEM
93AA46C	Serial Memories	MICROWIRE	1K bit	SERMEM
93AA56A	Serial Memories	MICROWIRE	2K bit	SERMEM
93AA56B	Serial Memories	MICROWIRE	2K bit	SERMEM
93AA56C	Serial Memories	MICROWIRE	2K bit	SERMEM
93AA66A	Serial Memories	MICROWIRE	4K bit	SERMEM
93AA66B	Serial Memories	MICROWIRE	4K bit	SERMEM
93AA66C	Serial Memories	MICROWIRE	4K bit	SERMEM
93AA76A	Serial Memories	MICROWIRE	8K bit	SERMEM
93AA76B	Serial Memories	MICROWIRE	8K bit	SERMEM
93AA76C	Serial Memories	MICROWIRE	8K bit	SERMEM
93AA86A	Serial Memories	MICROWIRE	16K bit	SERMEM
93AA86B	Serial Memories	MICROWIRE	16K bit	SERMEM
93AA86C	Serial Memories	MICROWIRE	16K bit	SERMEM
93C46A	Serial Memories	MICROWIRE	1K bit	SERMEM
93C46B	Serial Memories	MICROWIRE	1K bit	SERMEM
93C46C	Serial Memories	MICROWIRE	1K bit	SERMEM
93C56A	Serial Memories	MICROWIRE	2K bit	SERMEM
93C56B	Serial Memories	MICROWIRE	2K bit	SERMEM
93C56C	Serial Memories	MICROWIRE	2K bit	SERMEM
93C66A	Serial Memories	MICROWIRE	4K bit	SERMEM
93C66B	Serial Memories	MICROWIRE	4K bit	SERMEM
93C66C	Serial Memories	MICROWIRE	4K bit	SERMEM
93C76A	Serial Memories	MICROWIRE	8K bit	SERMEM
93C76B	Serial Memories	MICROWIRE	8K bit	SERMEM
93C76C	Serial Memories	MICROWIRE	8K bit	SERMEM
93C86A	Serial Memories	MICROWIRE	16K bit	SERMEM
93C86B	Serial Memories	MICROWIRE	16K bit	SERMEM
93C86C	Serial Memories	MICROWIRE	16K bit	SERMEM
93LC46A	Serial Memories	MICROWIRE	1K bit	SERMEM
93LC46B	Serial Memories	MICROWIRE	1K bit	SERMEM
93LC46C	Serial Memories	MICROWIRE	1K bit	SERMEM
93LC56A	Serial Memories	MICROWIRE	2K bit	SERMEM
93LC56B	Serial Memories	MICROWIRE	2K bit	SERMEM
93LC56C	Serial Memories	MICROWIRE	2K bit	SERMEM
93LC66A	Serial Memories	MICROWIRE	4K bit	SERMEM
93LC66B	Serial Memories	MICROWIRE	4K bit	SERMEM
93LC66C	Serial Memories	MICROWIRE	4K bit	SERMEM
93LC76A	Serial Memories	MICROWIRE	8K bit	SERMEM
93LC76B	Serial Memories	MICROWIRE	8K bit	SERMEM
93LC76C	Serial Memories	MICROWIRE	8K bit	SERMEM

## Microchip



Device Code	Family	Protocol(s)	Memory Size	Algorithm
93LC86A	Serial Memories	MICROWIRE	16K bit	SERMEM
93LC86B	Serial Memories	MICROWIRE	16K bit	SERMEM
93LC86C	Serial Memories	MICROWIRE	16K bit	SERMEM

## Micron



Device Code	Family	Protocol(s)	Memory Size	Algorithm
M25PX80	Serial Memories	SPI	8M bit	SERMEM
MT25QL128ABA	Serial Memories	SPI	128M bit	SERMEM
MT25QL256ABA	Serial Memories	SPI	256M bit	SERMEM_C
MT25QL512	Serial Memories	SPI	512M bit	SERMEM_C

## NEC



Device Code	Family	Protocol(s)	Memory Size	Algorithm
UPD78F0034AY	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0034BY	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0058Y	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0066	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0078	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0101H	78K0	UART2, CSI, CSIHS	8K byte	NEC78K
UPD78F0102H	78K0	UART2, CSI, CSIHS	16K byte	NEC78K
UPD78F0103	78K0	UART2, CSI	24K byte	NEC78K
UPD78F0103H	78K0	UART2, CSI, CSIHS	24K byte	NEC78K
UPD78F0112H	78K0	UART2, CSI, CSIHS	16K byte	NEC78K
UPD78F0113H	78K0	UART2, CSI, CSIHS	24K byte	NEC78K
UPD78F0114	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0114H	78K0	UART2, CSI, CSIHS	32K byte	NEC78K
UPD78F0114HD	78K0	UART2, CSI, CSIHS	32K byte	NEC78K
UPD78F0122H	78K0	UART2, CSI, CSIHS	16K byte	NEC78K
UPD78F0123H	78K0	UART2, CSI, CSIHS	24K byte	NEC78K
UPD78F0124	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0124H	78K0	UART2, CSI, CSIHS	32K byte	NEC78K
UPD78F0124HD	78K0	UART2, CSI, CSIHS	32K byte	NEC78K
UPD78F0132H	78K0	UART2, CSI, CSIHS	16K byte	NEC78K
UPD78F0133H	78K0	UART2, CSI, CSIHS	24K byte	NEC78K
UPD78F0134	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0134H	78K0	UART2, CSI, CSIHS	32K byte	NEC78K
UPD78F0136H	78K0	UART2, CSI, CSIHS	48K byte	NEC78K
UPD78F0138	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0138H	78K0	UART2, CSI, CSIHS	60K byte	NEC78K

**NEC**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
UPD78F0138HD	78K0	UART2, CSI, CSIHS	60K byte	NEC78K
UPD78F0148	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0148H	78K0	UART2, CSI, CSIHS	60K byte	NEC78K
UPD78F0148HD	78K0	UART2, CSI, CSIHS	60K byte	NEC78K
UPD78F0233	78K0	CSI	24K byte	NEC78K
UPD78F0338	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0354	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0361	78K0	UART2, CSI	16K byte	NEC78K
UPD78F0362	78K0	UART2, CSI	24K byte	NEC78K
UPD78F0363	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0363D	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0372	78K0	UART2, CSI	24K byte	NEC78K
UPD78F0373	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0374	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0375	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0376	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0376D	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0382	78K0	UART2, CSI	24K byte	NEC78K
UPD78F0383	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0384	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0385	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0386	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0386D	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0393	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0394	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0395	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0396	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0397	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0397D	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0485	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0500	78K0	UART2, CSI	8K byte	NEC78K
UPD78F0500A	78K0	UART2, CSI	8K byte	NEC78K
UPD78F0501	78K0	UART2, CSI	16K byte	NEC78K
UPD78F0502	78K0	UART2, CSI	24K byte	NEC78K
UPD78F0502A	78K0	UART2, CSI	24K byte	NEC78K
UPD78F0503	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0503A	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0503D	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0504	78K0	UART2, CSI	48K Byte	NEC78K
UPD78F0504A	78K0	UART2, CSI	48K Byte	NEC78K
UPD78F0505A	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0506A	78K0	UART2, CSI	96K byte	NEC78K



**NEC**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
UPD78F0507A	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0511	78K0	UART2, CSI	16K byte	NEC78K
UPD78F0511A	78K0	UART2, CSI	16K byte	NEC78K
UPD78F0512	78K0	UART2, CSI	24K byte	NEC78K
UPD78F0512A	78K0	UART2, CSI	24K byte	NEC78K
UPD78F0513	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0513A	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0513D	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0514	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0514A	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0515	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0515A	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0515D	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0516A	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0517A	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0517D	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0521	78K0	UART2, CSI	16K byte	NEC78K
UPD78F0521A	78K0	UART2, CSI	16K byte	NEC78K
UPD78F0522	78K0	UART2, CSI	24K byte	NEC78K
UPD78F0522A	78K0	UART2, CSI	24K byte	NEC78K
UPD78F0523	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0523A	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0524	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0524A	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0525	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0525A	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0526	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0526A	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0527	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0527A	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0527D	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0531	78K0	UART2, CSI	16K byte	NEC78K
UPD78F0532	78K0	UART2, CSI	24K byte	NEC78K
UPD78F0533	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0534	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0535	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0536	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0537	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0537D	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0544	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0544A	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0545	78K0	UART2, CSI	60K byte	NEC78K

**NEC**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
UPD78F0545A	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0546	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0546A	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0547	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0547A	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0547D	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0701Y	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0703Y	78K0	CSI	59K byte	NEC78K
UPD78F0746	78K0	UART1	16K bytes	NEC78K_B
UPD78F0818	78K0	UART2, CSI	59K byte	NEC78K
UPD78F0822B	78K0	UART2, CSI, CSIHS	120K byte	NEC78K
UPD78F0828	78K0	UART2, CSI	59K byte	NEC78K
UPD78F0828B	78K0	UART2, CSI	59K byte	NEC78K
UPD78F0837	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0839	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0841	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0843	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0852	78K0	UART2, CSI	40K byte	NEC78K
UPD78F0871	78K0	UART2, CSIHS	32K byte	NEC78K
UPD78F0872	78K0	UART2, CSIHS	48K byte	NEC78K
UPD78F0873	78K0	UART2, CSIHS	60K byte	NEC78K
UPD78F0874	78K0	UART2, CSIHS	48K byte	NEC78K
UPD78F0875	78K0	UART2, CSIHS	60K byte	NEC78K
UPD78F0876	78K0	UART2, CSIHS	60K byte	NEC78K
UPD78F0877	78K0	UART2, CSIHS	32K byte	NEC78K
UPD78F0878	78K0	UART2, CSIHS	48K byte	NEC78K
UPD78F0879	78K0	UART2, CSIHS	60K byte	NEC78K
UPD78F0881	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0881A	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0882	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0882A	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0883	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0883A	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0884	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0884A	78K0	UART2, CSI	32K byte	NEC78K
UPD78F0885	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0885A	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0886	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0886A	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0887	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0887A	78K0	UART2, CSI	48K byte	NEC78K
UPD78F0888	78K0	UART2, CSI	60K byte	NEC78K

**NEC**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
UPD78F0888A	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0889	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0889A	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0890	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0890A	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0891	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0891A	78K0	UART2, CSI	60K byte	NEC78K
UPD78F0892	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0892A	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0893	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0893A	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0894	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0894A	78K0	UART2, CSI	96K byte	NEC78K
UPD78F0895	78K0	UART2, CSI	128K byte	NEC78K
UPD78F0895A	78K0	UART2, CSI	128K byte	NEC78K
UPD78F1142	78K0R	UART1	64K byte	NEC78K
UPD78F1142A	78K0R	UART1	64K byte	NEC78K
UPD78F1143	78K0R	UART1	96K byte	NEC78K
UPD78F1143A	78K0R	UART1	96K byte	NEC78K
UPD78F1144	78K0R	UART1	128K byte	NEC78K
UPD78F1144A	78K0R	UART1	128K byte	NEC78K
UPD78F1145	78K0R	UART1	192K byte	NEC78K
UPD78F1145A	78K0R	UART1	192K byte	NEC78K
UPD78F1146	78K0R	UART1	256K byte	NEC78K
UPD78F1146A	78K0R	UART1	256K byte	NEC78K
UPD78F1152	78K0R	UART1	64K byte	NEC78K
UPD78F1152A	78K0R	UART1	64K byte	NEC78K
UPD78F1153	78K0R	UART1	96K byte	NEC78K
UPD78F1153A	78K0R	UART1	96K byte	NEC78K
UPD78F1154	78K0R	UART1	128K byte	NEC78K
UPD78F1154A	78K0R	UART1	128K byte	NEC78K
UPD78F1155	78K0R	UART1	192K byte	NEC78K
UPD78F1155A	78K0R	UART1	192K byte	NEC78K
UPD78F1156	78K0R	UART1	256K byte	NEC78K
UPD78F1156A	78K0R	UART1	256K byte	NEC78K
UPD78F1162	78K0R	UART1	64K byte	NEC78K
UPD78F1162A	78K0R	UART1	64K byte	NEC78K
UPD78F1163	78K0R	UART1	96K byte	NEC78K
UPD78F1163A	78K0R	UART1	96K byte	NEC78K
UPD78F1164	78K0R	UART1	128K byte	NEC78K
UPD78F1164A	78K0R	UART1	128 Kbyte + 64 Kbyte	NEC78K
UPD78F1165	78K0R	UART1	192K byte	NEC78K

**NEC**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
UPD78F1165A	78K0R	UART1	192K byte	NEC78K
UPD78F1166	78K0R	UART1	256K byte	NEC78K
UPD78F1166A	78K0R	UART1	256K byte	NEC78K
UPD78F1167	78K0R	UART1	384K byte	NEC78K
UPD78F1167A	78K0R	UART1	384K byte	NEC78K
UPD78F1168	78K0R	UART1	512K byte	NEC78K
UPD78F1168A	78K0R	UART1	512K byte	NEC78K
UPD78F1174	78K0R	UART1	128K byte	NEC78K
UPD78F1174A	78K0R	UART1	128K byte	NEC78K
UPD78F1175	78K0R	UART1	192K byte	NEC78K
UPD78F1175A	78K0R	UART1	192K byte	NEC78K
UPD78F1176	78K0R	UART1	256K byte	NEC78K
UPD78F1176A	78K0R	UART1	256K byte	NEC78K
UPD78F1177	78K0R	UART1	384K byte	NEC78K
UPD78F1177A	78K0R	UART1	384K byte	NEC78K
UPD78F1178	78K0R	UART1	512K byte	NEC78K
UPD78F1178A	78K0R	UART1	512K byte	NEC78K
UPD78F1184A	78K0R	UART1	128K byte	NEC78K
UPD78F1185A	78K0R	UART1	192K byte	NEC78K
UPD78F1186A	78K0R	UART1	256K byte	NEC78K
UPD78F1187A	78K0R	UART1	384K byte	NEC78K
UPD78F1188A	78K0R	UART1	512K byte	NEC78K
UPD78F1804	78K0R	UART1	24K byte	NEC78K
UPD78F1805	78K0R	UART1	32K byte	NEC78K
UPD78F1805A	78K0R	UART1	32K byte	NEC78K
UPD78F1806	78K0R	UART1	48K byte	NEC78K
UPD78F1807	78K0R	UART1	64K byte	NEC78K
UPD78F1808	78K0R	UART1	24K byte	NEC78K
UPD78F1809	78K0R	UART1	32K byte	NEC78K
UPD78F1810	78K0R	UART1	48K byte	NEC78K
UPD78F1811	78K0R	UART1	64K byte	NEC78K
UPD78F1812	78K0R	UART1	24K byte	NEC78K
UPD78F1813	78K0R	UART1	32K byte	NEC78K
UPD78F1814	78K0R	UART1	48K byte	NEC78K
UPD78F1815	78K0R	UART1	64K byte	NEC78K
UPD78F1816	78K0R	UART1	96K byte	NEC78K
UPD78F1817	78K0R	UART1	128K byte	NEC78K
UPD78F1818	78K0R	UART1	32K byte	NEC78K
UPD78F1819	78K0R	UART1	48K byte	NEC78K
UPD78F1820	78K0R	UART1	64K byte	NEC78K
UPD78F1821	78K0R	UART1	96K byte	NEC78K
UPD78F1822	78K0R	UART1	128K byte	NEC78K

**NEC**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
UPD78F1823	78K0R	UART1	64K byte	NEC78K
UPD78F1824	78K0R	UART1	96K byte	NEC78K
UPD78F1825	78K0R	UART1	128K byte	NEC78K
UPD78F1826	78K0R	UART1	64K byte	NEC78K
UPD78F1827	78K0R	UART1	96K byte	NEC78K
UPD78F1828	78K0R	UART1	128K byte	NEC78K
UPD78F1829	78K0R	UART1	192K byte	NEC78K
UPD78F1830	78K0R	UART1	256K byte	NEC78K
UPD78F1831	78K0R	UART1	64K byte	NEC78K
UPD78F1832	78K0R	UART1	96K byte	NEC78K
UPD78F1832A	78K0R	UART1	96K bytes	NEC78K
UPD78F1833	78K0R	UART1	128K byte	NEC78K
UPD78F1834A	78K0R	UART1	192K bytes	NEC78K
UPD78F1836	78K0R	UART1	64K byte	NEC78K
UPD78F1837	78K0R	UART1	96K byte	NEC78K
UPD78F1838	78K0R	UART1	128K byte	NEC78K
UPD78F1839	78K0R	UART1	192K byte	NEC78K
UPD78F1840	78K0R	UART1	256K byte	NEC78K
UPD78F1841	78K0R	UART1	64K byte	NEC78K
UPD78F1842	78K0R	UART1	96K byte	NEC78K
UPD78F1843	78K0R	UART1	128K byte	NEC78K
UPD78F8041	78K0R	UART1	64K byte	NEC78K
UPD78F9116	78K0S	UART2, CSI	16K byte	NEC78K
UPD78F9177AY	78K0S	UART2, CSI	24K byte	NEC78K
UPD78F9177Y	78K0S	UART2, CSI	24K byte	NEC78K
UPD78F9200	78K0S	UART1	1K byte	NEC78K
UPD78F9201	78K0S	UART1	2K byte	NEC78K
UPD78F9202	78K0S	UART1	4K byte	NEC78K
UPD78F9210	78K0S	UART1	1K byte	NEC78K
UPD78F9211	78K0S	UART1	2K byte	NEC78K
UPD78F9212	78K0S	UART1	4K byte	NEC78K
UPD78F9221	78K0S	UART1	2K byte	NEC78K
UPD78F9222	78K0S	UART1	4K byte	NEC78K
UPD78F9232	78K0S	UART1	4K byte	NEC78K
UPD78F9234	78K0S	UART1	8K byte	NEC78K
UPD78F9510	78K0S	UART1	1K byte	NEC78K
UPD78F9511	78K0S	UART1	2K byte	NEC78K
UPD78F9512	78K0S	UART1	4K byte	NEC78K
UPD78F9850	78K0S	UART2, CSI	16K byte	NEC78K
UPD78F9852	78K0S	UART2, CSI	32K byte	NEC78K
UPD70F3003A	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3015B	V850	UART2, CSI, CSIHS	128K byte	V850

**NEC**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
UPD70F3017A	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3089Y	V850	UART2, CSI, CSIHS	384K byte	V850
UPD70F3207H	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3210	V850	UART2, CSI	128K byte	V850
UPD70F3210H	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3211H	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3214	V850	UART2, CSI	128K byte	V850
UPD70F3214H	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3215H	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3217	V850	UART2, CSI	128K byte	V850
UPD70F3217H	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3218H	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3231	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3232	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3233	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3234	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3235	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3236	V850	UART2, CSI, CSIHS	384K byte	V850
UPD70F3237	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3238	V850	UART2, CSI, CSIHS	376K byte	V850
UPD70F3239	V850	UART2, CSI, CSIHS	512K byte	V850
UPD70F3302	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3306	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3308	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3311	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3313	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3316	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3318	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3319	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3320	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3325	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3326	V850	UART2, CSI, CSIHS	384K byte	V850
UPD70F3333	V850	UART2, CSI	256K byte	V850
UPD70F3334	V850	UART2, CSI	384K byte	V850
UPD70F3335	V850	UART2, CSI	256K byte	V850
UPD70F3336	V850	UART2, CSI	384K byte	V850
UPD70F3340	V850	UART2, CSI	512K byte	V850
UPD70F3341	V850	UART2, CSI	640K byte	V850
UPD70F3342	V850	UART2, CSI	768K byte	V850
UPD70F3343	V850	UART2, CSI	1024K byte	V850
UPD70F3344	V850	UART2, CSI	384K byte	V850
UPD70F3345	V850	UART2, CSI	512K byte	V850

**NEC**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
UPD70F3346	V850	UART2, CSI	640K byte	V850
UPD70F3347	V850	UART2, CSI	768K byte	V850
UPD70F3348	V850	UART2, CSI	1024K byte	V850
UPD70F3350	V850	UART2, CSI	512K byte	V850
UPD70F3351	V850	UART2, CSI	640K byte	V850
UPD70F3352	V850	UART2, CSI	768K byte	V850
UPD70F3353	V850	UART2, CSI	1024K byte	V850
UPD70F3354	V850	UART2, CSI	384K byte	V850
UPD70F3355	V850	UART2, CSI	512K byte	V850
UPD70F3356	V850	UART2, CSI	640K byte	V850
UPD70F3357	V850	UART2, CSI	768K byte	V850
UPD70F3358	V850	UART2, CSI	1024K byte	V850
UPD70F3364	V850	UART2, CSI	384K byte	V850
UPD70F3365	V850	UART2, CSI	512K byte	V850
UPD70F3366	V850	UART2, CSI	640K byte	V850
UPD70F3367	V850	UART2, CSI	768K byte	V850
UPD70F3368	V850	UART2, CSI	1024K byte	V850
UPD70F3370	V850	UART2, CSI, CSIHS	128K byte + 32K byte	V850
UPD70F3371	V850	UART2, CSI, CSIHS	256K byte + 32K byte	V850
UPD70F3372	V850	UART2, CSI, CSIHS	128K byte + 32K byte	V850
UPD70F3373	V850	UART2, CSI, CSIHS	256K byte + 32K byte	V850
UPD70F3374	V850	UART2, CSI, CSIHS	128K byte + 32K byte	V850
UPD70F3375	V850	UART2, CSI, CSIHS	256K byte + 32K byte	V850
UPD70F3376	V850	UART2, CSI, CSIHS	384K byte + 32K byte	V850
UPD70F3377	V850	UART2, CSI, CSIHS	512K byte + 32K byte	V850
UPD70F3378	V850	UART2, CSI, CSIHS	256K byte + 32K byte	V850
UPD70F3379	V850	UART2, CSI, CSIHS	384K byte + 32K byte	V850
UPD70F3380	V850	UART2, CSI, CSIHS	512K byte + 32K byte	V850
UPD70F3381	V850	UART2, CSI, CSIHS	768K byte + 32K byte	V850
UPD70F3382	V850	UART2, CSI, CSIHS	1024K byte + 32K byte	V850
UPD70F3383	V850	UART2, CSI, CSIHS	512K byte + 32K byte	V850
UPD70F3384	V850	UART2, CSI, CSIHS	768K byte + 32K byte	V850
UPD70F3385	V850	UART2, CSI, CSIHS	1024K byte + 32K byte	V850
UPD70F3399	V850	UART2, CSI, CSIHS	512K byte	V850
UPD70F3420	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3421	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3422	V850	UART2, CSI, CSIHS	384K byte	V850
UPD70F3423	V850	UART2, CSI, CSIHS	512K byte	V850
UPD70F3424	V850	UART2, CSI, CSIHS	512K byte	V850
UPD70F3425	V850	UART2, CSI, CSIHS	1024K byte	V850
UPD70F3426	V850	UART2, CSI, CSIHS	2048K byte	V850
UPD70F3427	V850	UART2, CSI	1024K byte	V850

**NEC**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
UPD70F3441	V850	UART2, CSI, CSIHS	992K byte + 32K byte	V850
UPD70F3483	V850	UART2, CSI, CSIHS	768K byte + 32K byte	V850
UPD70F3509	V850	UART1	1024K byte + 32K byte	V850_B
UPD70F3522	V850	UART1, CSI3WHS	256K byte + 32K byte	V850_B
UPD70F3523	V850	UART1, CSI3WHS	512K byte + 32K byte	V850_B
UPD70F3524	V850	UART1, CSI3WHS	1024K byte + 32K byte	V850_B
UPD70F3525	V850	UART1, CSI3WHS	2048K byte + 32K byte	V850_B
UPD70F3526	V850	UART1, CSI3WHS	3072K byte + 32K byte	V850_B
UPD70F3529	V850	UART1, CSI3WHS	2048K byte + 32K byte	V850_B
UPD70F3532	V850	UART1, CSI3WHS	3072K byte + 32K byte	V850_B
UPD70F3536	V850	UART1, CSI3WHS	3072K byte + 32K byte	V850_B
UPD70F3537	V850	UART1, CSI3WHS	3072K byte + 32K byte	V850_B
UPD70F3539	V850	UART1, CSI3WHS	2048K byte	V850_B
UPD70F3548	V850	UART1, CSI3WHS	512K byte + 32K byte	V850_B
UPD70F3549	V850	UART1, CSI3WHS	768K byte + 32K byte	V850_B
UPD70F3550	V850	UART1, CSI3WHS	1024K byte + 32K byte	V850_B
UPD70F3551	V850	UART1, CSI3WHS	512K byte + 32K byte	V850_B
UPD70F3552	V850	UART1, CSI3WHS	768K byte + 32K byte	V850_B
UPD70F3553	V850	UART1, CSI3WHS	1024K byte + 64K byte	V850_B
UPD70F3554	V850	UART1, CSI3WHS	1536K byte + 64K byte	V850_B
UPD70F3555	V850	UART1, CSI3WHS	768K byte + 32K byte	V850_B
UPD70F3556	V850	UART1, CSI3WHS	1024K byte + 32K byte	V850_B
UPD70F3557	V850	UART1, CSI3WHS	1536K byte + 64K byte	V850_B
UPD70F3558	V850	UART1, CSI3WHS	2048K byte + 64K byte	V850_B
UPD70F3559	V850	UART1, CSI3WHS	1536K byte + 64K byte	V850_B
UPD70F3560	V850	UART1, CSI3WHS	2048K byte + 64K byte	V850_B
UPD70F3571	V850	UART, CSI3WHS	384K byte + 32K byte	V850_B
UPD70F3572	V850	UART, CSI3WHS	512K byte + 32K byte	V850_B
UPD70F3574	V850	UART, CSI3WHS	384K byte + 32K byte	V850_B
UPD70F3575	V850	UART1, CSI3WHS	512K byte + 32K byte	V850_B
UPD70F3578	V850	UART, CSI3WHS	512K byte + 32K byte	V850_B
UPD70F3585	V850	UART1, CSI3WHS	1024K byte + 32K byte	V850_B
UPD70F3610	V850	UART2, CSI, CSIHS	64K byte	V850
UPD70F3611	V850	UART2, CSI, CSIHS	96K byte	V850
UPD70F3612	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3613	V850	UART2, CSI, CSIHS	192K byte	V850
UPD70F3614	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3615	V850	UART2, CSI, CSIHS	64K byte	V850
UPD70F3616	V850	UART2, CSI, CSIHS	96K byte	V850
UPD70F3617	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3618	V850	UART2, CSI, CSIHS	192K byte	V850
UPD70F3619	V850	UART2, CSI, CSIHS	256K byte	V850



**NEC**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
UPD70F3620	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3621	V850	UART2, CSI, CSIHS	192K byte	V850
UPD70F3622	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3623	V850	UART2, CSI, CSIHS	128K byte + 32K byte	V850
UPD70F3624	V850	UART2, CSI, CSIHS	256K byte + 32K byte	V850
UPD70F3625	V850	UART2, CSI, CSIHS	128K byte + 32K byte	V850
UPD70F3626	V850	UART2, CSI, CSIHS	256K byte + 32K byte	V850
UPD70F3627	V850	UART2, CSI, CSIHS	128K byte + 32K byte	V850
UPD70F3628	V850	UART2, CSI, CSIHS	256K byte + 32K byte	V850
UPD70F3629	V850	UART2, CSI, CSIHS	384K byte + 32K byte	V850
UPD70F3630	V850	UART2, CSI, CSIHS	512K byte + 32K byte	V850
UPD70F3631	V850	UART2, CSI, CSIHS	256K byte + 32K byte	V850
UPD70F3632	V850	UART2, CSI, CSIHS	384K byte + 32K byte	V850
UPD70F3633	V850	UART2, CSI, CSIHS	512K byte + 32K byte	V850
UPD70F3634	V850	UART2, CSI, CSIHS	768K byte + 32K byte	V850
UPD70F3635	V850	UART2, CSI, CSIHS	1024K byte + 32K byte	V850
UPD70F3636	V850	UART2, CSI, CSIHS	512K byte + 32K byte	V850
UPD70F3637	V850	UART2, CSI, CSIHS	768K byte + 32K byte	V850
UPD70F3638	V850	UART2, CSI, CSIHS	1024K byte + 32K byte	V850
UPD70F3700	V850	UART2, CSI, CSIHS	64K byte	V850
UPD70F3701	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3702	V850	UART2, CSI, CSIHS	64K byte	V850
UPD70F3703	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3704	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3706	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3707	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3709	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3710	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3713	V850	UART2, CSI, CSIHS	64K byte	V850
UPD70F3714	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3715	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3716	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3720	V850	UART2, CSI, CSIHS	128K byte	V850
UPD70F3721	V850	UART2, CSI, CSIHS	256K byte	V850
UPD70F3741	V850	UART2, CSI, CSIHS	768K byte	V850
UPD70F3743	V850	UART2, CSI, CSIHS	384K bytes	V850
UPD70F3936	V850	UART2, CSI, CSIHS	768K byte	V850
UPD70F4000	V850	UART1, CSI3WHS	512K byte + 32K byte	V850_B
UPD70F4001	V850	UART1, CSI3WHS	768K byte + 32K byte	V850_B
UPD70F4002	V850	UART1, CSI3WHS	1024K byte + 32K byte	V850_B
UPD70F4003	V850	UART1, CSI3WHS	512K byte + 32K byte	V850_B
UPD70F4004	V850	UART1, CSI3WHS	768K byte + 32K byte	V850_B

**NEC**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
UPD70F4006	V850	UART1, CSI3WHS	1536K byte + 64K byte	V850_B
UPD70F4007	V850	UART1, CSI3WHS	768K byte + 32K byte	V850_B
UPD70F4008	V850	UART1, CSI3WHS	1024K byte + 32K byte	V850_B
UPD70F4009	V850	UART1, CSI3WHS	1536K byte + 64K byte	V850_B
UPD70F4010	V850	UART1, CSI3WHS	2048K byte + 64K byte	V850_B
UPD70F4011	V850	UART1, CSI3WHS	1536K byte + 64K byte	V850_B
UPD70F4012	V850	UART1, CSI3WHS	2048K byte + 64K byte	V850_B

**Nordic Semiconductor**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
NRF52810-XXAA_SWD	NRF52	SWD	192K	CORTEX_E
NRF52832-XXAA_SWD	NRF52	SWD	512K	CORTEX_E
NRF52840-XXAA_SWD	NRF52	SWD	1024K	CORTEX_E

**Numonyx**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
M25PE20	Serial Memories	SPI	2M bit	SERMEM
M25PX16	Serial Memories	SPI	16M bit	SERMEM
M25PX64	Serial Memories	SPI	64M bit	SERMEM

**NXP**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MKE02Z64VLH4	KE02	SWD	64K bytes	FSL_L
MKE14F512	KE1xF	SWD	512K bytes + 64K bytes	FSL_L
LPC2101	LPC (ARM7)	JTAG	8K byte	ARM7
LPC2102	LPC (ARM7)	JTAG	16K byte	ARM7
LPC2103	LPC (ARM7)	JTAG	32K byte	ARM7
LPC2104	LPC (ARM7)	JTAG	120K byte	ARM7
LPC2105	LPC (ARM7)	JTAG	120K byte	ARM7
LPC2106	LPC (ARM7)	JTAG	120K byte	ARM7
LPC2114	LPC (ARM7)	JTAG	120K byte	ARM7
LPC2119	LPC (ARM7)	JTAG	120K byte	ARM7
LPC2124	LPC (ARM7)	JTAG	120K byte	ARM7
LPC2129	LPC (ARM7)	JTAG	248K byte	ARM7
LPC2131	LPC (ARM7)	JTAG	32K byte	ARM7
LPC2132	LPC (ARM7)	JTAG	64K byte	ARM7
LPC2134	LPC (ARM7)	JTAG	128K byte	ARM7
LPC2136	LPC (ARM7)	JTAG	256K byte	ARM7

**NXP**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
LPC2138	LPC (ARM7)	JTAG	500K byte	ARM7
LPC2141	LPC (ARM7)	JTAG	32K byte	ARM7
LPC2142	LPC (ARM7)	JTAG	64K byte	ARM7
LPC2144	LPC (ARM7)	JTAG	128K byte	ARM7
LPC2146	LPC (ARM7)	JTAG	256K byte	ARM7
LPC2148	LPC (ARM7)	JTAG	500K byte	ARM7
LPC2194	LPC (ARM7)	JTAG	248K byte	ARM7
LPC2212	LPC (ARM7)	JTAG	248K byte	ARM7
LPC2214	LPC (ARM7)	JTAG	248K byte	ARM7
LPC2292	LPC (ARM7)	JTAG	248K byte	ARM7
LPC2294	LPC (ARM7)	JTAG	248K byte	ARM7
LPC2364	LPC (ARM7)	JTAG	128K byte	ARM7
LPC2366	LPC (ARM7)	JTAG	256K byte	ARM7
LPC2367	LPC (ARM7)	JTAG	512K byte	ARM7
LPC2368	LPC (ARM7)	JTAG	500K byte	ARM7
LPC2378	LPC (ARM7)	JTAG	500K byte	ARM7
LPC2387	LPC (ARM7)	JTAG	500K byte	ARM7
LPC2468	LPC (ARM7)	JTAG	500K byte	ARM7
LPC2478	LPC (ARM7)	JTAG	500K byte	ARM7
LPC1115	LPC1100	SWD	64K bytes	NXP_C
LPC1112	LPC1100L	UART	16K byte	NXP_A
LPC1112_202	LPC1100L	UART	16K byte	NXP_A
LPC1113	LPC1100L	UART	24K byte	NXP_A
LPC1114	LPC1100L	UART	32K byte	NXP_A
LPC11A14_301	LPC11Axx	UART	32K bytes + 4K bytes	NXP_A
LPC1224_121	LPC12xx	SWD	48K byte	NXP_C
LPC1225_301	LPC12xx	SWD	64K byte	NXP_C
LPC1225_321	LPC12xx	SWD	80K byte	NXP_C
LPC1754	LPC17xx	SWD	128K byte	NXP_C
LPC1756	LPC17xx	SWD	256K byte	NXP_C
LPC1758	LPC17xx	SWD	512K byte	NXP_C
LPC1768	LPC17xx	SWD	512K byte	NXP_C
LPC1777	LPC17xx	SWD	512K bytes + 4032 bytes	NXP_C
LPC4317	LPC43xx	JTAG	1M bytes	CORTEX
LPC4337	LPC43xx	JTAG	1M bytes	CORTEX
LPC5502	LPC55xx	SWD	53K bytes	NXP_C
LPC804M101J	LPC8xx	SWD	32K byte	NXP_C
LPC812M101J	LPC8xx	SWD	16K bytes	NXP_C
LPC824M201J	LPC8xx	SWD	32K bytes	NXP_C
NCF2961	NCF	MDI	16K bytes + 2.25K bytes	NCF
NCF29A1	NCF	MDI	32K bytes + 2.25K bytes	NCF
NCF29A3	NCF	MDI	32K bytes + 2.25K bytes	NCF

**NXP**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
MM9Z1I638	S12_MAGNIV	BDM	96K bytes + 4096 bytes	FSL_J
MM9Z1J638	S12_MAGNIV	BDM	128K bytes + 4096 bytes	FSL_J
PCF85102C-2	Serial Memories	I2C	2K bit	SERMEM
PCF8582C-2	Serial Memories	I2C	2K bit	SERMEM
PCF8594C-2	Serial Memories	I2C	4K bit	SERMEM
PCF8598C-2	Serial Memories	I2C	8K bit	SERMEM

**ON Semiconductor**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
NCV7685	NCV	I2C	10 bytes	I2C_A
CAV24C08	Serial Memories	I2C	8K bit	SERMEM
CAV24C16	Serial Memories	I2C	16K bit	SERMEM
CAV24C64	Serial Memories	I2C	64K bit	SERMEM

**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
UPD78F1806A	78K0	UART	48K bytes	NEC78K
HD64F3062B	H8	UART (Boot mode)	128K byte	RNSS_C
HD64F3069	H8	UART (Boot mode)	512K byte	RNSS_A
HD64F36012	H8	UART (Boot mode)	16K byte	RNSS_C
HD64F36014	H8	UART (Boot mode)	32K byte	RNSS_C
HD64F36024	H8	UART (Boot mode)	32K byte	RNSS_C
HD64F36034	H8	UART (Boot mode)	32K byte	RNSS_C
HD64F36037	H8	UART (Boot mode)	56K byte	RNSS_C
HD64F36049	H8	UART (Boot mode)	96K byte	RNSS_C
HD64F36054	H8	UART (Boot mode)	32K byte	RNSS_C
HD64F36057	H8	UART (Boot mode)	56K byte	RNSS_C
HD64F36064	H8	UART (Boot mode)	32K byte	RNSS_C
HD64F36074	H8	UART (Boot mode)	32K byte	RNSS_C
HD64F36077	H8	UART (Boot mode)	56K byte	RNSS_C
HD64F36079	H8	UART (Boot mode)	128K byte	RNSS_C
HD64F36087	H8	UART (Boot mode)	56K byte	RNSS_C
HD64F36094	H8	UART (Boot mode)	32K byte	RNSS_C
HD64F36109	H8	UART (Boot mode)	128K byte	RNSS_C
HD64F3664	H8	UART (Boot mode)	32K byte	RNSS_C
HD64F3670	H8	UART (Boot mode)	8K byte	RNSS_C
HD64F3672	H8	UART (Boot mode)	16K byte	RNSS_C
HD64F3684	H8	UART (Boot mode)	32K byte	RNSS_C
HD64F3687	H8	UART (Boot mode)	56K byte	RNSS_C

**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
HD64F3694	H8	UART (Boot mode)	32K byte	RNSS_C
HD64F38076	H8	UART (Boot mode)	52K byte	RNSS_C
HD64F38086	H8	UART (Boot mode)	52K byte	RNSS_C
HD64F38776	H8	UART (Boot mode)	52K byte	RNSS_C
HD64F2148A	H8S	UART (Boot mode)	128K byte	RNSS_C
HD64F2166	H8S	UART (Boot mode)	512K byte	RNSS_A
HD64F2167	H8S	UART (Boot mode)	384K byte	RNSS_A
HD64F2168	H8S	UART (Boot mode)	256K byte	RNSS_A
HD64F2170	H8S	UART (Boot mode)	256K byte	RNSS_A
HD64F2367	H8S	UART	384K byte	RNSS_C
HD64F2378	H8S	UART (Boot mode)	512K byte	RNSS_A
HD64F2639F	H8S	UART (Boot mode)	256K byte	RNSS_C
R4F2114	H8S	UART (Boot mode)	1M byte	RNSS_A
R4F2116	H8S	UART (Boot mode)	128K byte	RNSS_A
R4F2189	H8S	UART (Boot mode)	1M byte	RNSS_A
R4F24276	H8S	UART (Boot mode)	384K byte	RNSS_A
R4F24278	H8S	UART (Boot mode)	512K byte	RNSS_A
R4F24279	H8S	UART (Boot mode)	512K byte	RNSS_A
R5F61527	H8SX	UART (Boot mode)	256K byte	RNSS_A
R5F61542	H8SX	UART (Boot mode)	256K byte	RNSS_A
R5F61543	H8SX	UART (Boot mode)	384K byte	RNSS_A
R5F61544	H8SX	UART (Boot mode)	512K byte	RNSS_A
R5F61582	H8SX	UART (Boot mode)	256K byte	RNSS_A
R5F61653	H8SX	UART (Boot mode)	384K byte	RNSS_A
R5F61654	H8SX	UART (Boot mode)	512K byte	RNSS_A
R5F61657	H8SX	UART (Boot mode)	768K byte	RNSS_A
R5F61663	H8SX	UART (Boot mode)	384K byte	RNSS_A
R5F61664	H8SX	UART (Boot mode)	512K byte	RNSS_A
M30260F3	M16C	Clock Synchronous	24K byte + 4K byte	RNSS_B
M30260F6	M16C	Clock Synchronous	48K byte + 4K byte	RNSS_B
M30260F8	M16C	Clock Synchronous	64K byte + 4K byte	RNSS_B
M30262F3	M16C	Clock Synchronous	24K byte + 4K byte	RNSS_B
M30262F4	M16C	Clock Synchronous	32K byte + 4K byte	RNSS_B
M30262F6	M16C	Clock Synchronous	48K byte + 4K byte	RNSS_B
M30262F8	M16C	Clock Synchronous	64K byte + 4K byte	RNSS_B
M30263F3	M16C	Clock Synchronous	24K byte + 4K byte	RNSS_B
M30263F6	M16C	Clock Synchronous	48K byte + 4K byte	RNSS_B
M30263F8	M16C	Clock Synchronous	64K byte + 4K byte	RNSS_B
M30280F6	M16C	Clock Synchronous	48K byte + 4K byte	RNSS_B
M30280F8	M16C	Clock Synchronous	64K byte + 4K byte	RNSS_B
M30280FA	M16C	Clock Synchronous	96K byte + 4K byte	RNSS_B
M30280FC	M16C	Clock Synchronous	128K byte + 4K byte	RNSS_B

**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
M30281F6	M16C	Clock Synchronous	48K byte + 4K byte	RNSS_B
M30281F8	M16C	Clock Synchronous	64K byte + 4K byte	RNSS_B
M30281FA	M16C	Clock Synchronous	96K byte + 4K byte	RNSS_B
M30281FC	M16C	Clock Synchronous	128K byte + 4K byte	RNSS_B
M30290FA	M16C	Clock Synchronous	96K byte + 4K byte	RNSS_B
M30290FC	M16C	Clock Synchronous	128K byte + 4K byte	RNSS_B
M30291F8	M16C	USART	64K byte + 4K byte	RNSS_B
M30291FA	M16C	Clock Synchronous	96K byte + 4K byte	RNSS_B
M30291FC	M16C	Clock Synchronous	128K byte + 4K byte	RNSS_B
M30302FA	M16C	Clock Synchronous	96K byte + 4K byte	RNSS_B
M30302FC	M16C	Clock Synchronous	128K byte + 4K byte	RNSS_B
M30302FE	M16C	Clock Synchronous	192K byte + 4K byte	RNSS_B
M30620FC	M16C	Clock Synchronous	128K byte + 4K byte	RNSS_B
M30621FC	M16C	Clock Synchronous	128K byte + 4K byte	RNSS_B
M30622F8	M16C	Clock Synchronous	64K byte + 4K byte	RNSS_B
M30623F8	M16C	Clock Synchronous	64K byte + 4K byte	RNSS_B
M30624FG	M16C	Clock Synchronous	256K byte + 4K byte	RNSS_B
M30625FG	M16C	Clock Synchronous	256K byte + 4K byte	RNSS_B
M30626FH	M16C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M30626FJ	M16C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M30627FH	M16C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M30627FJ	M16C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M3062AFC	M16C	Clock Synchronous	128K byte + 4K byte	RNSS_B
M3062CF8	M16C	Clock Synchronous	64K byte + 4K byte	RNSS_B
M3062JFH	M16C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M3062LFG	M16C	Clock Synchronous	256K byte + 4K byte	RNSS_B
M306H3FC	M16C	Clock Synchronous	128K byte + 4K byte	RNSS_B
M306H5FG	M16C	Clock Synchronous	256K byte + 4K byte	RNSS_B
M306H7FG	M16C	Clock Synchronous	256K byte + 4K byte	RNSS_B
M306N4FC	M16C	Clock Synchronous	128K byte + 4K byte	RNSS_B
M306N4FG	M16C	Clock Synchronous	256K byte + 4K byte	RNSS_B
M306N5FC	M16C	Clock Synchronous	128K byte + 4K byte	RNSS_B
M306N5FW	M16C	Clock Synchronous	128K byte + 4K byte	RNSS_B
M306NKFH	M16C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M306NKFJ	M16C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M306NLFH	M16C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M306NLFJ	M16C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M306NMFH	M16C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M306NMFJ	M16C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M306NNFH	M16C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M306NNFJ	M16C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M306S0FA	M16C	Clock Synchronous	96K byte + 4K byte	RNSS_B

**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
M306V7FG	M16C	Clock Synchronous	256K byte + 4K byte	RNSS_B
M306V7FH	M16C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M306V7FJ	M16C	Clock Synchronous	512K byte + 4K byte	RNSS_B
R5F364A6	M16C	Clock Synchronous	128K byte + 8K byte	RNSS_B
R5F364AE	M16C	Clock Synchronous	256K byte + 8K byte	RNSS_B
R5F364AM	M16C	Clock Synchronous	512K byte + 8K byte	RNSS_B
M30833FJ	M32C	Clock Synchronous	512K byte	RNSS_B
M30835FJ	M32C	Clock Synchronous	512K byte	RNSS_B
M30843FH	M32C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M30843FJ	M32C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M30843FW	M32C	Clock Synchronous	320K byte + 4K byte	RNSS_B
M30845FH	M32C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M30845FJ	M32C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M30845FW	M32C	Clock Synchronous	320K byte + 4K byte	RNSS_B
M30853FH	M32C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M30853FJ	M32C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M30853FW	M32C	Clock Synchronous	320K byte + 4K byte	RNSS_B
M30855FH	M32C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M30855FJ	M32C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M30855FW	M32C	Clock Synchronous	320K byte + 4K byte	RNSS_B
M30865FJ	M32C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M30873FH	M32C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M30875FH	M32C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M30876FJ	M32C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M30878FJ	M32C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M30879FK	M32C	Clock Synchronous	768K byte + 4K byte	RNSS_B
M30879FL	M32C	Clock Synchronous	1M byte + 4K byte	RNSS_B
M3087BFK	M32C	Clock Synchronous	768K byte + 4K byte	RNSS_B
M3087BFL	M32C	Clock Synchronous	1M byte + 4K byte	RNSS_B
M30880FH	M32C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M30880FJ	M32C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M30880FW	M32C	Clock Synchronous	320K byte + 4K byte	RNSS_B
M30882FH	M32C	Clock Synchronous	384K byte + 4K byte	RNSS_B
M30882FJ	M32C	Clock Synchronous	512K byte + 4K byte	RNSS_B
M30882FW	M32C	Clock Synchronous	320K byte + 4K byte	RNSS_B
M30955FJ	M32C	USART	512K byte + 4K byte	RNSS_B
R5F64110	R32C	USART,UART	256K byte + 8K byte	RNSS_B
R5F64111	R32C	USART,UART	384K byte + 8K byte	RNSS_B
R5F64112	R32C	USART,UART	512K byte + 8K byte	RNSS_B
R5F64114	R32C	USART,UART	256K byte + 8K byte	RNSS_B
R5F64115	R32C	USART,UART	384K byte + 8K byte	RNSS_B
R5F64116	R32C	USART,UART	512K byte + 8K byte	RNSS_B

**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
R5F6411E	R32C	USART,UART	128K byte + 8K byte	RNSS_B
R5F6411F	R32C	USART,UART	256K byte + 8K byte	RNSS_B
R5F64201	R32C	Clock Synchronous, UART	256K byte + 8K byte	RNSS_B
R5F64206	R32C	Clock Synchronous, UART	128K byte + 8K byte	RNSS_B
R5F64207	R32C	Clock Synchronous, UART	256K byte + 8K byte	RNSS_B
R5F6420A	R32C	Clock Synchronous, UART	128K byte + 8K byte	RNSS_B
R5F6420B	R32C	Clock Synchronous, UART	256K byte + 8K byte	RNSS_B
R5F64212	R32C	Clock Synchronous, UART	384K byte + 8K byte	RNSS_B
R5F64216	R32C	Clock Synchronous, UART	128K byte + 8K byte	RNSS_B
R5F64217	R32C	Clock Synchronous, UART	256K byte + 8K byte	RNSS_B
R5F64218	R32C	Clock Synchronous, UART	384K byte + 8K byte	RNSS_B
R5F64219	R32C	Clock Synchronous, UART	512K byte + 8K byte	RNSS_B
R5F6421A	R32C	Clock Synchronous, UART	128K byte + 8K byte	RNSS_B
R5F6421B	R32C	Clock Synchronous, UART	256K byte + 8K byte	RNSS_B
R5F6421C	R32C	Clock Synchronous, UART	384K byte + 8K byte	RNSS_B
R5F6421D	R32C	Clock Synchronous, UART	512K byte + 8K byte	RNSS_B
R5F64524	R32C	Clock Synchronous, UART	776K byte + 8K byte	RNSS_B
R5F64525	R32C	Clock Synchronous, UART	1M byte + 8K byte	RNSS_B
R5F6452M	R32C	Clock Synchronous, UART	776K byte	RNSS_B
R5F6452N	R32C	Clock Synchronous, UART	1M byte	RNSS_B
R5F6456F	R32C	USART, UART	256K byte + 8K byte	RNSS_B
R5F6456H	R32C	USART, UART	512K byte + 8K byte	RNSS_B
R5F64601	R32C	Clock Synchronous, UART	256K byte + 8K byte	RNSS_B
R5F646Z1	R32C	Clock Synchronous, UART	256K byte + 8K byte	RNSS_B
R5F646Z3	R32C	Clock Synchronous, UART	256K byte + 8K byte	RNSS_B
R5F21102	R8C	Clock Synchronous, UART	8K byte	RNSS_B
R5F21103	R8C	Clock Synchronous, UART	12K byte	RNSS_B



**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
R5F21104	R8C	Clock Synchronous, UART	16K byte	RNSS_B
R5F21112	R8C	Clock Synchronous, UART	8K byte	RNSS_B
R5F21113	R8C	Clock Synchronous, UART	12K byte	RNSS_B
R5F21114	R8C	Clock Synchronous, UART	16K byte	RNSS_B
R5F21122	R8C	Clock Synchronous, UART	8K byte + 4K byte	RNSS_B
R5F21123	R8C	Clock Synchronous, UART	12K byte + 4K byte	RNSS_B
R5F21124	R8C	Clock Synchronous, UART	16K byte + 4K byte	RNSS_B
R5F21132	R8C	Clock Synchronous, UART	8K byte + 4K byte	RNSS_B
R5F21133	R8C	Clock Synchronous, UART	12K byte + 4K byte	RNSS_B
R5F21134	R8C	Clock Synchronous, UART	16K byte + 4K byte	RNSS_B
R5F21142	R8C	Single-Wire, UART	8K byte	RNSS_B
R5F21143	R8C	Single-Wire, UART	12K byte	RNSS_B
R5F21144	R8C	Single-Wire, UART	16K byte	RNSS_B
R5F21152	R8C	Single-Wire, UART	8K byte + 2K byte	RNSS_B
R5F21153	R8C	Single-Wire, UART	12K byte + 2K byte	RNSS_B
R5F21154	R8C	Single-Wire, UART	16K byte + 2K byte	RNSS_B
R5F21162	R8C	Single-Wire, UART	8K byte	RNSS_B
R5F21163	R8C	Single-Wire, UART	12K byte	RNSS_B
R5F21164	R8C	Single-Wire, UART	16K byte	RNSS_B
R5F21172	R8C	Single-Wire, UART	8K byte + 2K byte	RNSS_B
R5F21173	R8C	Single-Wire, UART	12K byte + 2K byte	RNSS_B
R5F21174	R8C	Single-Wire, UART	16K byte + 2K byte	RNSS_B
R5F21181	R8C	Single-Wire, UART	4K byte	RNSS_B
R5F21182	R8C	Single-Wire, UART	8K byte	RNSS_B
R5F21183	R8C	Single-Wire, UART	12K byte	RNSS_B
R5F21184	R8C	Single-Wire, UART	16K byte	RNSS_B
R5F21191	R8C	Single-Wire, UART	4K byte + 2K byte	RNSS_B
R5F21192	R8C	Single-Wire, UART	8K byte + 2K byte	RNSS_B
R5F21193	R8C	Single-Wire, UART	12K byte + 2K byte	RNSS_B
R5F21194	R8C	Single-Wire, UART	16K byte + 2K byte	RNSS_B
R5F211A1	R8C	Single-Wire, UART	4K byte	RNSS_B
R5F211A2	R8C	Single-Wire, UART	8K byte	RNSS_B
R5F211A3	R8C	Single-Wire, UART	12K byte	RNSS_B
R5F211A4	R8C	Single-Wire, UART	16K byte	RNSS_B
R5F211B1	R8C	Single-Wire, UART	4K byte + 2K byte	RNSS_B

**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
R5F211B2	R8C	Single-Wire, UART	8K byte + 2K byte	RNSS_B
R5F211B3	R8C	Single-Wire, UART	12K byte + 2K byte	RNSS_B
R5F211B4	R8C	Single-Wire, UART	16K byte + 2K byte	RNSS_B
R5F21206	R8C	Single-Wire, UART	32K byte	RNSS_B
R5F21207	R8C	Single-Wire, UART	48K byte	RNSS_B
R5F21208	R8C	Single-Wire, UART	64K byte	RNSS_B
R5F2120A	R8C	Single-Wire, UART	96K byte	RNSS_B
R5F2120C	R8C	Single-Wire, UART	128K byte	RNSS_B
R5F21216	R8C	Single-Wire, UART	32K byte + 2K byte	RNSS_B
R5F21217	R8C	Single-Wire, UART	48K byte + 2K byte	RNSS_B
R5F21218	R8C	Single-Wire, UART	64K byte + 2K byte	RNSS_B
R5F2121A	R8C	Single-Wire, UART	96K byte + 2K byte	RNSS_B
R5F2121C	R8C	Single-Wire, UART	128K byte + 2K byte	RNSS_B
R5F21226	R8C	Single-Wire, UART	32K byte	RNSS_B
R5F21227	R8C	Single-Wire, UART	48K byte	RNSS_B
R5F21228	R8C	Single-Wire, UART	64K byte	RNSS_B
R5F2122A	R8C	Single-Wire, UART	96K byte	RNSS_B
R5F2122C	R8C	Single-Wire, UART	128K byte	RNSS_B
R5F21236	R8C	Single-Wire, UART	32K byte + 2K byte	RNSS_B
R5F21237	R8C	Single-Wire, UART	48K byte + 2K byte	RNSS_B
R5F21238	R8C	Single-Wire, UART	64K byte + 2K byte	RNSS_B
R5F2123A	R8C	Single-Wire, UART	96K byte + 2K byte	RNSS_B
R5F2123C	R8C	Single-Wire, UART	128K byte + 2K byte	RNSS_B
R5F21244	R8C	Single-Wire, UART	16K byte	RNSS_B
R5F21245	R8C	Single-Wire, UART	24K byte	RNSS_B
R5F21246	R8C	Single-Wire, UART	32K byte	RNSS_B
R5F21247	R8C	Single-Wire, UART	48K byte	RNSS_B
R5F21248	R8C	Single-Wire, UART	64K byte	RNSS_B
R5F21254	R8C	Single-Wire, UART	16K byte + 2K byte	RNSS_B
R5F21255	R8C	Single-Wire, UART	24K byte + 2K byte	RNSS_B
R5F21256	R8C	Single-Wire, UART	32K byte + 2K byte	RNSS_B
R5F21257	R8C	Single-Wire, UART	48K byte + 2K byte	RNSS_B
R5F21258	R8C	Single-Wire, UART	64K byte + 2K byte	RNSS_B
R5F21262	R8C	Single-Wire, UART	8K byte	RNSS_B
R5F21264	R8C	Single-Wire, UART	16K byte	RNSS_B
R5F21265	R8C	Single-Wire, UART	24K byte	RNSS_B
R5F21266	R8C	Single-Wire, UART	32K byte	RNSS_B
R5F21272	R8C	Single-Wire, UART	8K byte + 2K byte	RNSS_B
R5F21274	R8C	Single-Wire, UART	16K byte + 2K byte	RNSS_B
R5F21275	R8C	Single-Wire, UART	24K byte + 2K byte	RNSS_B
R5F21276	R8C	Single-Wire, UART	32K byte + 2K byte	RNSS_B
R5F21282	R8C	Single-Wire, UART	8K byte	RNSS_B

**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
R5F21284	R8C	Single-Wire, UART	16K byte	RNSS_B
R5F21292	R8C	Single-Wire, UART	8K byte + 2K byte	RNSS_B
R5F21294	R8C	Single-Wire, UART	16K byte + 2K byte	RNSS_B
R5F212A7	R8C	Single-Wire, UART	48K byte	RNSS_B
R5F212A8	R8C	Single-Wire, UART	64K byte	RNSS_B
R5F212AA	R8C	Single-Wire, UART	96K byte	RNSS_B
R5F212AC	R8C	Single-Wire, UART	128K byte	RNSS_B
R5F212B7	R8C	Single-Wire, UART	48K byte + 2K byte	RNSS_B
R5F212B8	R8C	Single-Wire, UART	64K byte + 2K byte	RNSS_B
R5F212BA	R8C	Single-Wire, UART	96K byte + 2K byte	RNSS_B
R5F212BC	R8C	Single-Wire, UART	128K byte + 2K byte	RNSS_B
R5F212C7	R8C	Single-Wire, UART	48K byte	RNSS_B
R5F212C8	R8C	Single-Wire, UART	64K byte	RNSS_B
R5F212CA	R8C	Single-Wire, UART	96K byte	RNSS_B
R5F212CC	R8C	Single-Wire, UART	128K byte	RNSS_B
R5F212D7	R8C	Single-Wire, UART	48K byte + 2K byte	RNSS_B
R5F212D8	R8C	Single-Wire, UART	64K byte + 2K byte	RNSS_B
R5F212DA	R8C	Single-Wire, UART	96K byte + 2K byte	RNSS_B
R5F212DC	R8C	Single-Wire, UART	128K byte + 2K byte	RNSS_B
R5F212K2S	R8C	Single-Wire, UART	8K byte + 2K byte	RNSS_B
R5F212K4S	R8C	Single-Wire, UART	16K byte + 2K byte	RNSS_B
R5F212L2S	R8C	Single-Wire, UART	8K byte + 2K byte	RNSS_B
R5F212L4S	R8C	Single-Wire, UART	16K byte + 2K byte	RNSS_B
R5F21321A	R8C	Single-Wire, UART	4K byte + 4K byte	RNSS_B
R5F21321C	R8C	Single-Wire, UART	4K byte + 4 Kbyte	RNSS_B
R5F21322A	R8C	Single-Wire, UART	8K byte + 4K byte	RNSS_B
R5F21322C	R8C	Single-Wire, UART	8K byte + 4 Kbyte	RNSS_B
R5F21324A	R8C	Single-Wire, UART	16K byte + 4K byte	RNSS_B
R5F21324C	R8C	Single-Wire, UART	16K byte + 4 Kbyte	RNSS_B
R5F21324G	R8C	Single-Wire, UART	16K byte + 4 Kbyte	RNSS_B
R5F21334D	R8C	Single-Wire, UART	16K byte	RNSS_B
R5F21334G	R8C	Single-Wire, UART	16K byte + 4K byte	RNSS_B
R5F21334H	R8C	Single-Wire, UART	16K byte + 4K byte	RNSS_B
R5F21336G	R8C	Single-Wire, UART	32K byte + 4K byte	RNSS_B
R5F21336T	R8C	Single-Wire, UART	32K bytes	RNSS_B
R5F21346Z	R8C	Single-Wire, UART	32K byte	RNSS_B
R5F21347G	R8C	Single-Wire, UART	48K byte + 4K byte	RNSS_B
R5F21347Z	R8C	Single-Wire, UART	48K byte	RNSS_B
R5F21348Y	R8C	Single-Wire, UART	64K byte + 4K byte	RNSS_B
R5F21348Z	R8C	Single-Wire, UART	64K byte	RNSS_B
R5F2134AY	R8C	Single-Wire, UART	96K byte + 4K byte	RNSS_B
R5F2134AZ	R8C	Single-Wire, UART	96K byte	RNSS_B

**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
R5F2134CW	R8C	Single-Wire, UART	128K byte + 4K byte	RNSS_B
R5F2134CY	R8C	Single-Wire, UART	128K byte + 4K byte	RNSS_B
R5F2134CZ	R8C	Single-Wire, UART	128k byte	RNSS_B
R5F21354C	R8C	Single-Wire, UART	16K byte + 4K byte	RNSS_B
R5F21354M	R8C	Single-Wire, UART	16K byte + 4K byte	RNSS_B
R5F21355C	R8C	Single-Wire, UART	24K byte + 4K byte	RNSS_B
R5F21355M	R8C	Single-Wire, UART	24K byte + 4K byte	RNSS_B
R5F21356C	R8C	Single-Wire, UART	32K byte + 4K byte	RNSS_B
R5F21356M	R8C	Single-Wire, UART	32K byte + 4K byte	RNSS_B
R5F21357C	R8C	Single-Wire, UART	48K byte + 4K byte	RNSS_B
R5F21357M	R8C	Single-Wire, UART	48K byte + 4K byte	RNSS_B
R5F21358C	R8C	Single-Wire, UART	64K byte + 4K byte	RNSS_B
R5F21358M	R8C	Single-Wire, UART	64K byte + 4K byte	RNSS_B
R5F2135AC	R8C	Single-Wire, UART	96K byte + 4K byte	RNSS_B
R5F2135AM	R8C	Single-Wire, UART	96K byte + 4K byte	RNSS_B
R5F2135CC	R8C	Single-Wire, UART	128K byte + 4K byte	RNSS_B
R5F2135CM	R8C	Single-Wire, UART	128K byte + 4K byte	RNSS_B
R5F21364A	R8C	Single-Wire, UART	16K byte + 4K byte	RNSS_B
R5F21365A	R8C	Single-Wire, UART	24K byte + 4K byte	RNSS_B
R5F21367A	R8C	Single-Wire, UART	48K byte + 4K byte	RNSS_B
R5F21368H	R8C	Single-Wire, UART	64K byte	RNSS_B
R5F21368S	R8C	Single-Wire, UART	64K byte + 4K byte	RNSS_B
R5F2136AA	R8C	Single-Wire, UART	96K byte + 4K byte	RNSS_B
R5F2136AH	R8C	Single-Wire, UART	96K byte	RNSS_B
R5F2136CA	R8C	Single-Wire, UART	128K byte + 4K byte	RNSS_B
R5F2136CF	R8C	Single-Wire, UART	128K byte	RNSS_B
R5F2136CG	R8C	Single-Wire, UART	128K byte + 4K byte	RNSS_B
R5F2136CH	R8C	Single-Wire, UART	128K byte	RNSS_B
R5F2136CS	R8C	Single-Wire, UART	128K byte + 4K byte	RNSS_B
R5F2136CW	R8C	Single-Wire, UART	128 Kbyte + 4 Kbyte	RNSS_B
R5F2138AG	R8C	Single-Wire, UART	96K byte + 4K byte	RNSS_B
R5F2138CF	R8C	Single-Wire, UART	128K byte	RNSS_B
R5F2138CH	R8C	Single-Wire, UART	128K byte	RNSS_B
R5F2138CS	R8C	Single-Wire, UART	128K bytes	RNSS_B
R5F2156CG	R8C	Single-Wire, UART	128K byte + 4K byte	RNSS_B
R5F2C3G2M	R8C	Single-Wire, UART	8K byte	RNSS_B
R5F2C3G4M	R8C	Single-Wire, UART	16K byte	RNSS_B
R5F2C3G6M	R8C	Single-Wire, UART	32K byte	RNSS_B
R5F2L358M	R8C	Single-Wire, UART	64K byte + 4K byte	RNSS_B
R5F2L388C	R8C	Single-Wire, UART	64K byte + 4K byte	RNSS_B
R5F2L38CC	R8C	Single-Wire, UART	128K byte + 4K byte	RNSS_B
R5F2L3A8C	R8C	Single-Wire, UART	64K byte + 4K byte	RNSS_B

**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
R5F2L3ACC	R8C	Single-Wire, UART	128K byte + 4K byte	RNSS_B
R5F2M110A	R8C	Single-Wire, UART	2K byte + 2K byte	RNSS_B
R5F2M111A	R8C	Single-Wire, UART	4K byte + 2K byte	RNSS_B
R5F2M112A	R8C	Single-Wire, UART	8K byte + 2K byte	RNSS_B
R5F2M120A	R8C	Single-Wire, UART	2K byte + 2K byte	RNSS_B
R5F2M121A	R8C	Single-Wire, UART	4K byte + 2K byte	RNSS_B
R5F2M122A	R8C	Single-Wire, UART	8K byte + 2K byte	RNSS_B
R7F7010063	RH850	CSI	2048K bytes + 32K bytes	RH850
R7F7010073	RH850	CSI	2048K bytes + 32K bytes	RH850
R7F7010083	RH850	CSI	256K bytes + 32K bytes	RH850
R7F7010103	RH850	CSI	512K bytes + 32K bytes	RH850
R7F7010112	RH850	CSI	256K bytes + 32K bytes	RH850
R7F7010123	RH850	CSI	384K bytes + 32K bytes	RH850
R7F7010124	RH850	CSI	384K bytes + 32K bytes	RH850
R7F7010133	RH850	CSI	512K bytes + 32K bytes	RH850
R7F7010134	RH850	CSI	512K bytes + 32K bytes	RH850
R7F7010143	RH850	CSI	768K bytes + 32K bytes	RH850
R7F7010173	RH850	CSI	384K bytes + 32K bytes	RH850
R7F7010183	RH850	CSI	512K bytes	RH850
R7F7010184	RH850	CSI	512K bytes + 32K bytes	RH850
R7F7010193	RH850	CSI	768K bytes + 32K bytes	RH850
R7F7010223	RH850	CSI	384K bytes + 32K bytes	RH850
R7F7010233	RH850	CSI	512K bytes + 32K bytes	RH850
R7F7010234	RH850	CSI	512K bytes + 32K bytes	RH850
R7F7010243	RH850	CSI	768K bytes + 32K bytes	RH850
R7F7010244	RH850	CSI	768K bytes + 32K bytes	RH850
R7F7010253	RH850	CSI	1024K bytes + 32K bytes	RH850
R7F7010254	RH850	CSI	1024K bytes + 32K bytes	RH850
R7F7010274	RH850	CSI	512K bytes + 32K bytes	RH850
R7F7010283	RH850	CSI	768K bytes + 32K bytes	RH850
R7F7010293	RH850	CSI	1024K bytes + 32K bytes	RH850
R7F701040	RH850	CSI	768K bytes + 32K bytes	RH850
R7F7010413	RH850	CSI	1024K bytes + 32K bytes	RH850
R7F7010423	RH850	CSI	768K bytes + 32K bytes	RH850
R7F7010443	RH850	CSI	768K bytes + 32K bytes	RH850
R7F7010452	RH850	CSI	1024K bytes + 32K bytes	RH850
R7F7010453	RH850	CSI	1024K bytes + 32K bytes	RH850
R7F7010454	RH850	CSI	1024K bytes + 32K bytes	RH850
R7F7010483	RH850	CSI	1536K bytes + 32K bytes	RH850
R7F7010493	RH850	CSI	2048K bytes + 32K bytes	RH850
R7F7010543	RH850	CSI	1536K bytes + 64K bytes	RH850
R7F7010544	RH850	CSI	1536K bytes + 64K bytes	RH850

**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
R7F7010553	RH850	CSI	2048K bytes + 64K bytes	RH850
R7F7010563	RH850	CSI	1536K bytes + 64K bytes	RH850
R7F7010573	RH850	CSI	2048K bytes + 64K bytes	RH850
R7F7010673	RH850	CSI	512K bytes + 32K bytes	RH850
R7F701388	RH850	CSI	1024K bytes + 64K bytes	RH850
R7F701400	RH850	CSI	2048 K bytes + 64K bytes	RH850
R7F701401	RH850	CSI	2048K bytes + 64K bytes	RH850
R7F701402	RH850	CSI	4096K bytes + 64K bytes	RH850
R7F701404	RH850	CSI	3840 K bytes + 64K bytes	RH850
R7F701405	RH850	CSI	5120K bytes + 64K bytes	RH850
R7F701411	RH850	CSI	3840 K bytes + 64K bytes	RH850
R7F701414	RH850	CSI	3072K bytes + 64K bytes	RH850
R7F701420	RH850	CSI	2048K bytes + 64K bytes	RH850
R7F701461	RH850	CSI	4096K bytes + 64K bytes	RH850
R7F701502	RH850	CSI	4096K bytes + 64K bytes	RH850
R7F701527	RH850	CSI	4096K bytes + 64K bytes	RH850
R7F7015483	RH850	CSI	3072K bytes + 64K bytes	RH850
R7F7015484	RH850	CSI	3072K bytes + 64K bytes	RH850
R7F7015524	RH850	CSI	3072K bytes + 64K bytes	RH850
R7F7015653	RH850	CSI	4096K bytes + 64K bytes	RH850
R7F7015733	RH850	CSI	4096K bytes + 64K bytes	RH850
R7F701581	RH850	CSI	2048K bytes + 64K bytes	RH850
R7F7015834	RH850	CSI	2048K bytes + 64K bytes	RH850
R7F701587	RH850	CSI	2048K bytes + 64K bytes	RH850
R7F7016203	RH850	CSI	768K bytes + 64K bytes	RH850
R7F7016214	RH850	CSI	1024K bytes + 64K bytes	RH850
R7F7016443	RH850	CSI	3072K bytes + 64K bytes	RH850
R7F701646	RH850	CSI	3072K bytes + 128K bytes	RH850
R7F7016473	RH850	CSI	4096K bytes + 64K bytes	RH850
R7F7016513	RH850	CSI	4096K bytes + 128K bytes	RH850
R7F701684	RH850	CSI	1024K bytes + 64K bytes	RH850
R7F701686	RH850	CSI	512K bytes + 64K bytes	RH850
R5F1006C	RL78	UART1,UART2	32K byte + 4K byte	RNSS_F
R5F100AA	RL78	UART1,UART2	16K byte + 4K byte	RNSS_F
R5F100AC	RL78	UART1,UART2	32K byte + 4K byte	RNSS_F
R5F100AE	RL78	UART1,UART2	64K byte + 4K byte	RNSS_F
R5F100AG	RL78	UART1,UART2	128K byte + 8K byte	RNSS_F
R5F100CF	RL78	UART1,UART2	96K byte + 8K byte	RNSS_F
R5F100CG	RL78	UART1,UART2	128K byte + 8K byte	RNSS_F
R5F100FC	RL78	UART1,UART2	32K byte + 4K byte	RNSS_F
R5F100FD	RL78	UART1,UART2	48K byte + 4K byte	RNSS_F
R5F100FE	RL78	UART1,UART2	64K byte + 4K byte	RNSS_F

**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
R5F100FF	RL78	UART1,UART2	96K byte + 8K byte	RNSS_F
R5F100FG	RL78	UART1,UART2	128K byte + 8K byte	RNSS_F
R5F100MJ	RL78	UART1,UART2	256K byte + 8K byte	RNSS_F
R5F101FC	RL78	UART1,UART2	32K byte	RNSS_F
R5F101GE	RL78	UART1,UART2	64K byte	RNSS_F
R5F101GJ	RL78	UART1,UART2	256K byte	RNSS_F
R5F101LE	RL78	UART1,UART2	64K byte	RNSS_F
R5F101LF	RL78	UART1,UART2	96K byte	RNSS_F
R5F101LG	RL78	UART1,UART2	128K byte	RNSS_F
R5F101SH	RL78	UART1,UART2	192K byte	RNSS_F
R5F10268	RL78	UART1,UART2	8K byte + 2K byte	RNSS_F
R5F10367	RL78	UART1,UART2	4K byte	RNSS_F
R5F104AC	RL78	UART1,UART2	32K byte + 4K Byte	RNSS_F
R5F104BC	RL78	UART1,UART2	32K byte + 4K Byte	RNSS_F
R5F104BD	RL78	UART1,UART2	48K byte + 4K Byte	RNSS_F
R5F104CG	RL78	UART1,UART2	128K byte + 8K Byte	RNSS_F
R5F104FC	RL78	UART1,UART2	32K byte + 4K Byte	RNSS_F
R5F104FD	RL78	UART1,UART2	48K byte + 4K Byte	RNSS_F
R5F104GG	RL78	UART1,UART2	128K byte + 8K Byte	RNSS_F
R5F104GH	RL78	UART1,UART2	192K byte + 8K Byte	RNSS_F
R5F104MF	RL78	UART1,UART2	96K byte + 8K Byte	RNSS_F
R5F107AC	RL78	UART1,UART2	32K byte + 4K Byte	RNSS_F
R5F107AE	RL78	UART1	64K byte + 4K Byte	RNSS_F
R5F10968	RL78	UART1,UART2	8K byte + 4K byte	RNSS_F
R5F1096C	RL78	UART1,UART2	32K byte + 4K byte	RNSS_F
R5F1096E	RL78	UART1,UART2	64K byte + 4K byte	RNSS_F
R5F109AA	RL78	UART1,UART2	16K byte + 4K byte	RNSS_F
R5F109AB	RL78	UART1,UART2	24K byte + 4K byte	RNSS_F
R5F109AC	RL78	UART1,UART2	32K byte + 4K byte	RNSS_F
R5F109AD	RL78	UART1,UART2	48K byte + 4K byte	RNSS_F
R5F109AE	RL78	UART1,UART2	64K byte + 4K byte	RNSS_F
R5F109BC	RL78	UART1,UART2	32K byte + 4K byte	RNSS_F
R5F109BE	RL78	UART1,UART2	64K byte + 4K byte	RNSS_F
R5F109GE	RL78	UART1,UART2	64K byte + 4K byte	RNSS_F
R5F109LB	RL78	UART1,UART2	24K byte + 4K byte	RNSS_F
R5F109LE	RL78	UART1,UART2	64K byte + 4K byte	RNSS_F
R5F10A6C	RL78	UART1,UART2	32K byte + 4K Byte	RNSS_F
R5F10AAC	RL78	UART1,UART2	32K byte + 4K Byte	RNSS_F
R5F10ABD	RL78	UART1,UART2	48K byte + 4K Byte	RNSS_F
R5F10ABE	RL78	UART1, UART2	64K bytes + 4K bytes	RNSS_F
R5F10AGC	RL78	UART1,UART2	32K byte + 4K Byte	RNSS_F
R5F10AGF	RL78	UART1, UART2	96K bytes + 4K bytes	RNSS_F

**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
R5F10AGG	RL78	UART1, UART2	128K bytes + 4K bytes	RNSS_F
R5F10ALC	RL78	UART1, UART2	32K byte + 4K Byte	RNSS_F
R5F10ALF	RL78	UART1, UART2	96K byte + 4K Byte	RNSS_F
R5F10ALG	RL78	UART1, UART2	128K byte + 4K Byte	RNSS_F
R5F10BBB	RL78	UART1, UART2	48K bytes + 4K bytes	RNSS_F
R5F10BBG	RL78	UART1, UART2	128K bytes + 4K bytes	RNSS_F
R5F10BGG	RL78	UART1, UART2	128K byte + 4K Byte	RNSS_F
R5F10BLE	RL78	UART1, UART2	64K bytes + 4K bytes	RNSS_F
R5F10BLG	RL78	UART1, UART2	128K byte + 4K Byte	RNSS_F
R5F10CME	RL78	UART1, UART2	64K bytes + 8K bytes	RNSS_F
R5F10DMF	RL78	UART1, UART2	96K bytes + 8K bytes	RNSS_F
R5F10DPE	RL78	UART1, UART2	64K byte + 8K Byte	RNSS_F
R5F10DPG	RL78	UART1, UART2	128K bytes + 8K bytes	RNSS_F
R5F10DPJ	RL78	UART1, UART2	256K bytes + 8K bytes	RNSS_F
R5F10DSK	RL78	UART1, UART2	384K bytes + 8K bytes	RNSS_F
R5F10DSL	RL78	UART1, UART2	512K bytes + 8K bytes	RNSS_F
R5F10PGD	RL78	UART1, UART2	48K bytes + 4K bytes	RNSS_F
R5F10PGG	RL78	UART1, UART2	128K bytes + 8K bytes	RNSS_F
R5F10PGH	RL78	UART1, UART2	192K bytes + 8K bytes	RNSS_F
R5F10PGJ	RL78	UART1, UART2	256K bytes + 8K bytes	RNSS_F
R5F10PLG	RL78	UART	128K bytes	RNSS_F
R5F10PLH	RL78	UART1, UART2	192K bytes + 8K bytes	RNSS_F
R5F10PLJ	RL78	UART1, UART2	256K bytes + 8K bytes	RNSS_F
R5F10PMG	RL78	UART1, UART2	128K bytes + 8K bytes	RNSS_F
R5F10PMH	RL78	UART1, UART2	192K bytes + 8K bytes	RNSS_F
R5F10PPF	RL78	UART1, UART2	92K byte + 4K byte	RNSS_F
R5F10PPG	RL78	UART1, UART2	128K bytes + 8K bytes	RNSS_F
R5F10PPJ	RL78	UART1, UART2	256K bytes + 8K bytes	RNSS_F
R5F10RB8	RL78	UART1, UART2	8K byte + 2K Byte	RNSS_F
R5F10RGC	RL78	UART1, UART2	32K byte + 2K Byte	RNSS_F
R5F10RJC	RL78	UART1, UART2	32K byte + 2K Byte	RNSS_F
R5F10TPJ	RL78	UART1, UART2	256K bytes + 8K bytes	RNSS_F
R5F10Y14	RL78	UART1	1K byte	RNSS_F
R5F10Y47	RL78	UART1	4K byte	RNSS_F
R5F113GL	RL78	UART1, UART2	512K bytes + 16K bytes	RNSS_F
R5F113LL	RL78	UART1, UART2	512K bytes + 16K bytes	RNSS_F
R5F51116A	RX	UART (Boot mode)	256K byte + 8K bytes	RNSS_A
R5F51305A_BE	RX	FINE	128K bytes + 8K bytes	RNSS_A
R5F51305A_LE	RX	FINE	128K bytes + 8K bytes	RNSS_A
R5F51306A_BE	RX	FINE	256K bytes + 8K bytes	RNSS_A
R5F51306A_LE	RX	FINE	256K bytes + 8K bytes	RNSS_A



**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
R5F52106	RX	UART (Boot mode), FINE	256K byte + 8K bytes	RNSS_A
R5F52108	RX	UART (Boot mode), FINE	512K bytes + 8K bytes	RNSS_A
R5F52305	RX	FINE	128K bytes + 8K bytes	RNSS_A
R5F523T3	RX	UART (Boot mode)	64K byte	RNSS_A
R5F52Z06	RX	FINE	256K byte + 8K bytes	RNSS_A
R5F564ML	RX	UART	4M bytes + 64K bytes	RNSS_H
R5F56108	RX600	JTAG	2048K byte + 32K byte	RNSS_E
R5F56218BD	RX600	JTAG	512K byte + 32K byte	RNSS_E
R5F562T6DD	RX600	JTAG	64K byte	RNSS_E
R5F562TAADFP	RX600	JTAG	256K byte + 32K byte	RNSS_E
R5F562TADDFP	RX600	JTAG	256K byte + 32K byte	RNSS_E
R5F5631ACD	RX600	JTAG	768K bytes + 32K bytes	RNSS_E
R5F5631ECD	RX600	JTAG	2048K bytes + 32K bytes	RNSS_E
R5F5631PDG	RX600	JTAG	512K byte + 32K byte	RNSS_E
HN58M241000I	Serial Memories	I2C	1M bit	SERMEM
HN58X2402SFPIAG	Serial Memories	I2C	2K bit	SERMEM
HN58X2402SI	Serial Memories	I2C	2K bit	SERMEM
HN58X2404SFPIAG	Serial Memories	I2C	4K bit	SERMEM
HN58X2404SI	Serial Memories	I2C	4K bit	SERMEM
HN58X2408FPIAG	Serial Memories	I2C	8K bit	SERMEM
HN58X2408I	Serial Memories	I2C	8K bit	SERMEM
HN58X2408SI	Serial Memories	I2C	8K bit	SERMEM
HN58X24128I	Serial Memories	I2C	128K bit	SERMEM
HN58X2416FPIAG	Serial Memories	I2C	16K bit	SERMEM
HN58X2416I	Serial Memories	I2C	16K bit	SERMEM
HN58X2416SI	Serial Memories	I2C	16K bit	SERMEM
HN58X24256I	Serial Memories	I2C	256K bit	SERMEM
HN58X2432FPIAG	Serial Memories	I2C	32K bit	SERMEM
HN58X2432I	Serial Memories	I2C	32K bit	SERMEM
HN58X2432SI	Serial Memories	I2C	32K bit	SERMEM
HN58X24512I	Serial Memories	I2C	512K bit	SERMEM
HN58X2464FPIAG	Serial Memories	I2C	64K bit	SERMEM
HN58X2464I	Serial Memories	I2C	64K bit	SERMEM
HN58X2464SI	Serial Memories	I2C	64K bit	SERMEM
HN58X2502I	Serial Memories	SPI	2K bit	SERMEM
HN58X2504I	Serial Memories	SPI	4K bit	SERMEM
HN58X2508I	Serial Memories	SPI	8K bit	SERMEM
HN58X2508IAG	Serial Memories	SPI	8K bit	SERMEM
HN58X25128I	Serial Memories	SPI	128K bit	SERMEM
HN58X2516I	Serial Memories	SPI	16K bit	SERMEM

**Renesas**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
HN58X2516IAG	Serial Memories	SPI	16K bit	SERMEM
HN58X25256I	Serial Memories	SPI	256K bit	SERMEM
HN58X2532I	Serial Memories	SPI	32K bit	SERMEM
HN58X25512I	Serial Memories	SPI	512K bit	SERMEM
HN58X2564I	Serial Memories	SPI	64K bit	SERMEM
HD64F2362	SuperH	UART (Boot mode)	256K byte	RNSS_A
HD64F7058	SuperH	UART (Boot mode)	1024K byte	RNSS_A
HD64F7059	SuperH	UART	1M bytes	RNSS_A
R4F70590	SuperH	UART	1,5M bytes	RNSS_A
R5F70834	SuperH	UART (Boot mode)	256K byte	RNSS_A
R5F70835	SuperH	UART (Boot mode)	512K byte	RNSS_A
R5F70844	SuperH	UART (Boot mode)	256K byte	RNSS_A
R5F70845	SuperH	UART (Boot mode)	512K byte	RNSS_A
R5F70854	SuperH	UART (Boot mode)	256K byte	RNSS_A
R5F70855	SuperH	UART (Boot mode)	512K byte	RNSS_A
R5F70865	SuperH	UART (Boot mode)	512K byte	RNSS_A
R5F71242	SuperH	UART (Boot mode)	64K byte	RNSS_A
R5F71243	SuperH	UART (Boot mode)	128K byte	RNSS_A
R5F71251	SuperH	UART (Boot mode)	32K byte	RNSS_A
R5F71252	SuperH	UART (Boot mode)	64K byte	RNSS_A
R5F71253	SuperH	UART (Boot mode)	128K byte	RNSS_A
R5F71364	SuperH	UART (Boot mode)	256K byte	RNSS_A
R5F71374	SuperH	UART (Boot mode)	256K byte	RNSS_A
R5F71464	SuperH	UART (Boot mode)	256K byte	RNSS_A
R5F71491	SuperH	UART (Boot mode)	256K byte	RNSS_A
R5F71494	SuperH	UART (Boot mode)	256K byte	RNSS_A
R5F72115	SuperH	UART (Boot mode)	512K byte	RNSS_A
R5F72167	SuperH	UART (Boot mode)	1M byte + 32K byte	RNSS_A
R5F72167_JTAG	SuperH	JTAG	1M byte + 32K bytes	RNSS_D
R5F72513	SuperH	JTAG	2M byte + 128K byte	RNSS_D
R5F72543	SuperH	JTAG	2M byte + 128K byte	RNSS_D
R5F72544	SuperH	JTAG	2.5M byte + 128K byte	RNSS_D
R5F72546	SuperH	JTAG	3.8M byte + 128K byte	RNSS_D
R5F74504	SuperH	UART (Boot mode)	2M byte	RNSS_A
R7FS128783A01CFM	SYNERGY	UART	256K bytes + 4K bytes	SYNERGY
R7FS3A37A	SYNERGY	UART	512K bytes + 4K bytes	SYNERGY
R7FS3A678	SYNERGY	UART	256K bytes + 8K bytes	SYNERGY
R7FS3A77C	SYNERGY	UART	1024K bytes + 16K bytes	SYNERGY

**Rohm**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
BR24A01A-W	Serial Memories	I2C	1K bit	SERMEM
BR24A02-W	Serial Memories	I2C	2K bit	SERMEM
BR24A04-W	Serial Memories	I2C	4K bit	SERMEM
BR24A08-W	Serial Memories	I2C	8K bit	SERMEM
BR24A16-W	Serial Memories	I2C	16K bit	SERMEM
BR24A32-W	Serial Memories	I2C	32K bit	SERMEM
BR24A64-W	Serial Memories	I2C	64K bit	SERMEM
BR24L01A-W	Serial Memories	I2C	1K bit	SERMEM
BR24L02-W	Serial Memories	I2C	2K bit	SERMEM
BR24L04-W	Serial Memories	I2C	4K bit	SERMEM
BR24L08-W	Serial Memories	I2C	8K bit	SERMEM
BR24L16-W	Serial Memories	I2C	16K bit	SERMEM
BR24L32-W	Serial Memories	I2C	32K bit	SERMEM
BR24L64-W	Serial Memories	I2C	64K bit	SERMEM
BR24S128-W	Serial Memories	I2C	128K bit	SERMEM
BR24S16-W	Serial Memories	I2C	16K bit	SERMEM
BR24S256-W	Serial Memories	I2C	256K bit	SERMEM
BR24S32-W	Serial Memories	I2C	32K bit	SERMEM
BR24S64-W	Serial Memories	I2C	64K bit	SERMEM
BR24T32-W	Serial Memories	I2C	32K bit	SERMEM_C
BR25H010-W	Serial Memories	SPI	1K bit	SERMEM
BR25H020-W	Serial Memories	SPI	2K bit	SERMEM
BR25H040-W	Serial Memories	SPI	4K bit	SERMEM
BR25H080-W	Serial Memories	SPI	8K bit	SERMEM
BR25H160-W	Serial Memories	SPI	16K bit	SERMEM
BR25H320-W	Serial Memories	SPI	32K bit	SERMEM
BR25L010-W	Serial Memories	SPI	1K bit	SERMEM
BR25L020-W	Serial Memories	SPI	2K bit	SERMEM
BR25L040-W	Serial Memories	SPI	4K bit	SERMEM
BR25L080-W	Serial Memories	SPI	8K bit	SERMEM
BR25L160-W	Serial Memories	SPI	16K bit	SERMEM
BR25L320-W	Serial Memories	SPI	32K bit	SERMEM
BR25L640-W	Serial Memories	SPI	64K bit	SERMEM
BR93A46-W	Serial Memories	MICROWIRE	1K bit	SERMEM
BR93A56-W	Serial Memories	MICROWIRE	2K bit	SERMEM
BR93A66-W	Serial Memories	MICROWIRE	4K bit	SERMEM
BR93A76-W	Serial Memories	MICROWIRE	8K bit	SERMEM
BR93A86-W	Serial Memories	MICROWIRE	16K bit	SERMEM
BR93H56-W	Serial Memories	MICROWIRE	2K bit	SERMEM
BR93H66-W	Serial Memories	MICROWIRE	4K bit	SERMEM
BR93H76-W	Serial Memories	MICROWIRE	8K bit	SERMEM
BR93H86-W	Serial Memories	MICROWIRE	16K bit	SERMEM

**Rohm**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
BR93L46-W	Serial Memories	MICROWIRE	1K bit	SERMEM
BR93L56-W	Serial Memories	MICROWIRE	2K bit	SERMEM
BR93L66-W	Serial Memories	MICROWIRE	4K bit	SERMEM
BR93L76-W	Serial Memories	MICROWIRE	8K bit	SERMEM
BR93L86-W	Serial Memories	MICROWIRE	16K bit	SERMEM

**Samsung**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
S3F8235	SAM8	I2C	16K byte	SMSNG_A
S3F8285	SAM8	I2C	16K byte	SMSNG_A
S3F8289	SAM8	I2C	32K byte	SMSNG_A
S3F828B	SAM8	I2C	64K byte	SMSNG_A
S3F82I9	SAM8	I2C	32K byte	SMSNG_A
S3F9488	SAM8	I2C	8K byte	SMSNG_A

**Silicon Labs**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
C8051F000	C8051F	JTAG	32256 + 128	SLB_A
C8051F001	C8051F	JTAG	32256 + 128	SLB_A
C8051F002	C8051F	JTAG	32256 + 128	SLB_A
C8051F005	C8051F	JTAG	32256 + 128	SLB_A
C8051F006	C8051F	JTAG	32256 + 128	SLB_A
C8051F007	C8051F	JTAG	32256 + 128	SLB_A
C8051F010	C8051F	JTAG	32256 + 128	SLB_A
C8051F011	C8051F	JTAG	32256 + 128	SLB_A
C8051F012	C8051F	JTAG	32256 + 128	SLB_A
C8051F015	C8051F	JTAG	32256 + 128	SLB_A
C8051F016	C8051F	JTAG	32256 + 128	SLB_A
C8051F017	C8051F	JTAG	32256 + 128	SLB_A
C8051F018	C8051F	JTAG	15872 + 128	SLB_A
C8051F019	C8051F	JTAG	15872 + 128	SLB_A
C8051F020	C8051F	JTAG	65024	SLB_A
C8051F022	C8051F	JTAG	65024	SLB_A
C8051F023	C8051F	JTAG	65024	SLB_A
C8051F024	C8051F	JTAG	65024	SLB_A
C8051F040	C8051F	JTAG	65024	SLB_A
C8051F041	C8051F	JTAG	65024	SLB_A
C8051F042	C8051F	JTAG	65024	SLB_A
C8051F043	C8051F	JTAG	65024	SLB_A

**Silicon Labs**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
C8051F044	C8051F	JTAG	65024	SLB_A
C8051F045	C8051F	JTAG	65024	SLB_A
C8051F046	C8051F	JTAG	32768	SLB_A
C8051F047	C8051F	JTAG	32768	SLB_A
C8051F060	C8051F	JTAG	64512	SLB_A
C8051F061	C8051F	JTAG	64512	SLB_A
C8051F062	C8051F	JTAG	64512	SLB_A
C8051F063	C8051F	JTAG	64512	SLB_A
C8051F064	C8051F	JTAG	64512	SLB_A
C8051F065	C8051F	JTAG	64512	SLB_A
C8051F066	C8051F	JTAG	32768	SLB_A
C8051F067	C8051F	JTAG	32768	SLB_A
C8051F206	C8051F	JTAG	7680 + 128	SLB_A
C8051F220	C8051F	JTAG	7680 + 128	SLB_A
C8051F221	C8051F	JTAG	7680 + 128	SLB_A
C8051F226	C8051F	JTAG	7680 + 128	SLB_A
C8051F230	C8051F	JTAG	7680 + 128	SLB_A
C8051F231	C8051F	JTAG	7680 + 128	SLB_A
C8051F236	C8051F	JTAG	7680 + 128	SLB_A
C8051F300	C8051F	C2	7680	SLB_A
C8051F301	C8051F	C2	7680	SLB_A
C8051F302	C8051F	C2	7680	SLB_A
C8051F303	C8051F	C2	7680	SLB_A
C8051F304	C8051F	C2	4096	SLB_A
C8051F305	C8051F	C2	2048	SLB_A
C8051F310	C8051F	C2	15872	SLB_A
C8051F311	C8051F	C2	15872	SLB_A
C8051F312	C8051F	C2	8192	SLB_A
C8051F313	C8051F	C2	8192	SLB_A
C8051F314	C8051F	C2	8192	SLB_A
C8051F315	C8051F	C2	8192	SLB_A
C8051F316	C8051F	C2	15872	SLB_A
C8051F317	C8051F	C2	15872	SLB_A
C8051F330	C8051F	C2	7680	SLB_A
C8051F331	C8051F	C2	7680	SLB_A
C8051F332	C8051F	C2	4096	SLB_A
C8051F333	C8051F	C2	4096	SLB_A
C8051F334	C8051F	C2	2048	SLB_A
C8051F335	C8051F	C2	2048	SLB_A
C8051F336	C8051F	C2	15872	SLB_A
C8051F337	C8051F	C2	15872	SLB_A
C8051F338	C8051F	C2	15872	SLB_A

**Silicon Labs**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
C8051F339	C8051F	C2	15872	SLB_A
C8051F340	C8051F	C2	64512	SLB_A
C8051F341	C8051F	C2	32768	SLB_A
C8051F342	C8051F	C2	64512	SLB_A
C8051F343	C8051F	C2	32768	SLB_A
C8051F344	C8051F	C2	64512	SLB_A
C8051F345	C8051F	C2	32768	SLB_A
C8051F346	C8051F	C2	64512	SLB_A
C8051F347	C8051F	C2	32768	SLB_A
C8051F348	C8051F	C2	32768	SLB_A
C8051F349	C8051F	C2	32768	SLB_A
C8051F360	C8051F	C2	31744	SLB_A
C8051F361	C8051F	C2	31744	SLB_A
C8051F362	C8051F	C2	31744	SLB_A
C8051F363	C8051F	C2	31744	SLB_A
C8051F364	C8051F	C2	31744	SLB_A
C8051F365	C8051F	C2	31744	SLB_A
C8051F366	C8051F	C2	31744	SLB_A
C8051F367	C8051F	C2	31744	SLB_A
C8051F368	C8051F	C2	16384	SLB_A
C8051F369	C8051F	C2	16384	SLB_A
C8051F410	C8051F	C2	32256	SLB_A
C8051F411	C8051F	C2	32256	SLB_A
C8051F412	C8051F	C2	16384	SLB_A
C8051F413	C8051F	C2	16384	SLB_A
C8051F502	C8051F	C2	64512	SLB_A
C8051F520	C8051F	C2	7680	SLB_A
C8051F521	C8051F	C2	7680	SLB_A
C8051F523	C8051F	C2	4096	SLB_A
C8051F524	C8051F	C2	4096	SLB_A
C8051F526	C8051F	C2	2048	SLB_A
C8051F527	C8051F	C2	2048	SLB_A
C8051F530	C8051F	C2	7680	SLB_A
C8051F531	C8051F	C2	7680	SLB_A
C8051F533	C8051F	C2	4096	SLB_A
C8051F534	C8051F	C2	4096	SLB_A
C8051F536	C8051F	C2	2048	SLB_A
C8051F537	C8051F	C2	2048	SLB_A
C8051F543	C8051F	C2	15360	SLB_A
C8051F570	C8051F	C2	31744	SLB_A
C8051F571	C8051F	C2	31744	SLB_A
C8051F572	C8051F	C2	16384	SLB_A

## Silicon Labs



Device Code	Family	Protocol(s)	Memory Size	Algorithm
C8051F573	C8051F	C2	16384	SLB_A
C8051F574	C8051F	C2	16384	SLB_A
C8051F575	C8051F	C2	16384	SLB_A
C8051F920	C8051F	C2	32768 + 1024	SLB_A
C8051F921	C8051F	C2	32768 + 1024	SLB_A
C8051F930	C8051F	C2	64512 + 1024	SLB_A
C8051F931	C8051F	C2	64512 + 1024	SLB_A
EFM32HG222F64G_S WD	EFM32	SWD	64K bytes + 1K bytes	CORTEX_D
EFM32JG1B100F256_S WD	EFM32	SWD	256K byte	CORTEX_B
EFM32TG210F32	EFM32	SWD	32K bytes + 512 bytes	CORTEX_B
BGM111	EFR32	SWD	256K bytes	CORTEX_B
BGM13P22F512	EFR32	SWD	512K byte	CORTEX_B
EFR32MG1P232F256	EFR32	SWD	256K byte	CORTEX_B
EFR32MG21A010F1024	EFR32	SWD	1024K byte + 1024K bytes	CORTEX_B
MGM13P02F512_SWD	EFR32	SWD	512K byte + 512K byte	CORTEX_B
EZR32LG230_SWD	EZR32	SWD	256K byte	CORTEX_B
SIM3C-144_SWD	SIM3	SWD	64K bytes	CORTEX_B
SIM3C-157	SIM3	JTAG	128K bytes	CORTEX
SIM3C-167	SIM3	JTAG	256K bytes	CORTEX
SIM3C-167_SWD	SIM3	SWD	256K byte	CORTEX_B
SIM3L-167	SIM3	JTAG	256K bytes	CORTEX

## Spansion



Device Code	Family	Protocol(s)	Memory Size	Algorithm
S25FL008K	Serial Memories	SPI	8M bit	SERMEM
S25FL064P	Serial Memories	SPI	64M bit	SERMEM
S25FL116K	Serial Memories	SPI	2M byte	SERMEM
S25FL127S	Serial Memories	SPI	128M bit	SERMEM
S25FL128L	Serial Memories	SPI	128M bit	SERMEM
S25FL128S	Serial Memories	SPI	128M bit	SERMEM
S25FL128S_512	Serial Memories	SPI	128M bit	SERMEM
S25FL256S	Serial Memories	SPI	256M bit	SERMEM
S25FL256S_512	Serial Memories	SPI	256M bit	SERMEM
S25FL512S	Serial Memories	SPI	512M bit	SERMEM

## SST



Device Code	Family	Protocol(s)	Memory Size	Algorithm
SST25LF020A	Serial Memories	SPI	2M bit	SERMEM

**SST**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
SST25LF040A	Serial Memories	SPI	4M bit	SERMEM
SST25VF010	Serial Memories	SPI	1M bit	SERMEM
SST25VF010A	Serial Memories	SPI	1M bit	SERMEM
SST25VF016B	Serial Memories	SPI	16M bit	SERMEM
SST25VF020	Serial Memories	SPI	2M bit	SERMEM
SST25VF032B	Serial Memories	SPI	32M bit	SERMEM
SST25VF040B	Serial Memories	SPI	64M bit	SERMEM
SST25VF064C	Serial Memories	SPI	64M bit	SERMEM
SST25VF080B	Serial Memories	SPI	128M bit	SERMEM
SST25VF512	Serial Memories	SPI	512K bit	SERMEM
SST25VF512A	Serial Memories	SPI	512K bit	SERMEM
SST26VF016B	Serial Memories	SPI	16M bit	SERMEM_C
SST26VF032B	Serial Memories	SPI	32M bit	SERMEM_C
SST26VF064B	Serial Memories	SPI	64M bit	SERMEM_C

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
M24LR04E	M24LRxx	I2C	4K byte	SERMEM_B
M24LR16E	M24LRxx	I2C	16K byte	SERMEM_B
SPC560B40	MPC55X (Power PC)	JTAG	256K byte + 64K byte	FSL_B
SPC560B44	MPC55X (Power PC)	JTAG	384K byte + 64K byte	FSL_B
SPC560B50	MPC55X (Power PC)	JTAG	512K byte + 64K byte	FSL_B
SPC560B54	MPC55X (Power PC)	JTAG	768K byte + 64K byte	FSL_B
SPC560B60	MPC55X (Power PC)	JTAG	1M byte + 64K byte	FSL_B
SPC560B64	MPC55X (Power PC)	JTAG	1.5M byte + 64K byte	FSL_B
SPC560C40	MPC55X (Power PC)	JTAG	256K byte + 64K byte	FSL_B
SPC560C44	MPC55X (Power PC)	JTAG	384K byte + 64K byte	FSL_B
SPC560C50	MPC55X (Power PC)	JTAG	512K byte + 64K byte	FSL_B
SPC560D40	MPC55X (Power PC)	JTAG	256K byte + 64K byte	FSL_B
SPC560P40	MPC55X (Power PC)	JTAG	256K byte + 64K byte	FSL_B
SPC560P44	MPC55X (Power PC)	JTAG	384K byte + 64K byte	FSL_B
SPC560P50	MPC55X (Power PC)	JTAG	512K byte + 64K byte	FSL_B
SPC560P60	MPC55X (Power PC)	JTAG	1M byte + 64K byte	FSL_B
SPC563M64	MPC55X (Power PC)	JTAG	1.5M byte	FSL_B
SPC564B74	MPC55X (Power PC)	JTAG	3M byte + 64K byte	FSL_B
SPC564L54	MPC55X (Power PC)	JTAG	768K byte	FSL_B
SPC56AP60	MPC55X (Power PC)	JTAG	1M byte + 64K byte	FSL_B
SPC56EC64	MPC55X (Power PC)	JTAG	1.5M byte + 64K byte	FSL_B
SPC56EL60	MPC55X (Power PC)	JTAG	1M byte	FSL_B
SPC572L64	MPC55X (Power PC)	JTAG	1.5M byte	FSL_E



**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
SPC574K72	MPC55X (Power PC)	JTAG	2,5M byte + 64K byte	FSL_E
M24128-BR	Serial Memories	I2C	128K bit	SERMEM
M24128-BW	Serial Memories	I2C	128K bit	SERMEM
M24256-BR	Serial Memories	I2C	256K bit	SERMEM
M24256-BW	Serial Memories	I2C	256K bit	SERMEM
M24512-R	Serial Memories	I2C	512K bit	SERMEM
M24512-W	Serial Memories	I2C	512K bit	SERMEM
M24C01-R	Serial Memories	I2C	1K bit	SERMEM
M24C01-W	Serial Memories	I2C	1K bit	SERMEM
M24C02-R	Serial Memories	I2C	2K bit	SERMEM
M24C02-W	Serial Memories	I2C	2K bit	SERMEM
M24C04-DR	Serial Memories	I2C	4K bit	SERMEM_B
M24C04-R	Serial Memories	I2C	4K bit	SERMEM
M24C04-W	Serial Memories	I2C	4K bit	SERMEM
M24C08-R	Serial Memories	I2C	8K bit	SERMEM
M24C08-W	Serial Memories	I2C	8K bit	SERMEM
M24C128-W	Serial Memories	I2C	16K byte	SERMEM_B
M24C16-R	Serial Memories	I2C	16K bit	SERMEM
M24C16-W	Serial Memories	I2C	16K bit	SERMEM
M24C256	Serial Memories	I2C	256K bit	SERMEM
M24C32-F	Serial Memories	I2C	32K bit	SERMEM
M24C32-R	Serial Memories	I2C	32K bit	SERMEM
M24C32-W	Serial Memories	I2C	32K bit	SERMEM
M24C64-F	Serial Memories	I2C	64K bit	SERMEM
M24C64-R	Serial Memories	I2C	64K bit	SERMEM
M24C64-W	Serial Memories	I2C	64K bit	SERMEM
M24M01-W	Serial Memories	I2C	1M bit	SERMEM
M25P05	Serial Memories	SPI	512K bit	SERMEM
M25P05-A	Serial Memories	SPI	512K bit	SERMEM
M25P10-A	Serial Memories	SPI	1M bit	SERMEM
M25P128	Serial Memories	SPI	128M bit	SERMEM
M25P16	Serial Memories	SPI	16M bit	SERMEM
M25P20	Serial Memories	SPI	2M bit	SERMEM
M25P32	Serial Memories	SPI	32M bit	SERMEM
M25P40	Serial Memories	SPI	4M bit	SERMEM
M25P64	Serial Memories	SPI	64M bit	SERMEM
M25P80	Serial Memories	SPI	8M bit	SERMEM
M25PE80	Serial Memories	SPI	1M byte	SERMEM
M45PE10	Serial Memories	SPI	1M bit	SERMEM
M45PE16	Serial Memories	SPI	16M bit	SERMEM
M45PE20	Serial Memories	SPI	2M bit	SERMEM
M45PE40	Serial Memories	SPI	4M bit	SERMEM

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
M45PE80	Serial Memories	SPI	8M bit	SERMEM
M93C46-R	Serial Memories	MICROWIRE	1K bit	SERMEM
M93C46-W	Serial Memories	MICROWIRE	1K bit	SERMEM
M93C56-R	Serial Memories	MICROWIRE	2K bit	SERMEM
M93C56-W	Serial Memories	MICROWIRE	2K bit	SERMEM
M93C66-R	Serial Memories	MICROWIRE	4K bit	SERMEM
M93C66-W	Serial Memories	MICROWIRE	4K bit	SERMEM
M93C76-R	Serial Memories	MICROWIRE	8K bit	SERMEM
M93C76-W	Serial Memories	MICROWIRE	8K bit	SERMEM
M93C86-R	Serial Memories	MICROWIRE	16K bit	SERMEM
M93C86-W	Serial Memories	MICROWIRE	16K bit	SERMEM
M95010-R	Serial Memories	SPI	1K bit	SERMEM
M95010-W	Serial Memories	SPI	1K bit	SERMEM
M95020-W	Serial Memories	SPI	2K bit	SERMEM
M95040-R	Serial Memories	SPI	4K bit	SERMEM
M95040-W	Serial Memories	SPI	4K bit	SERMEM
M95080-W	Serial Memories	SPI	8K bit	SERMEM
M95128-DR	Serial Memories	SPI	128K bit	SERMEM_C
M95128-R	Serial Memories	SPI	128K bit	SERMEM
M95128-W	Serial Memories	SPI	128K bit	SERMEM
M95160-W	Serial Memories	SPI	16K bit	SERMEM
M95256-R	Serial Memories	SPI	256K bit	SERMEM
M95256-W	Serial Memories	SPI	256K bit	SERMEM
M95320-R	Serial Memories	SPI	32K bit	SERMEM
M95320-W	Serial Memories	SPI	32K bit	SERMEM
M95512-DR	Serial Memories	SPI	512K bit	SERMEM_C
M95512-R	Serial Memories	SPI	512K bit	SERMEM
M95512-W	Serial Memories	SPI	512K bit	SERMEM
M95640-DW	Serial Memories	SPI	64K bit	SERMEM_C
M95640-R	Serial Memories	SPI	64K bit	SERMEM
M95640-W	Serial Memories	SPI	64K bit	SERMEM
ST10F251	ST10	UART	128K byte	STM_IN_A
ST10F252	ST10	UART	256K byte	STM_IN_A
ST10F252M	ST10	UART	256K byte	STM_IN_A
ST10F271	ST10	UART	128K byte	STM_IN_A
ST10F271M	ST10	UART	128K byte	STM_IN_A
ST10F271Z1	ST10	UART	128K byte	STM_IN_A
ST10F272	ST10	UART	256K byte	STM_IN_A
ST10F272M	ST10	UART	256K byte	STM_IN_A
ST10F272Z2	ST10	UART	256K byte	STM_IN_A
ST10F273	ST10	UART	512K byte	STM_IN_A
ST10F273E	ST10	UART	512K byte	STM_IN_A

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
ST10F273M	ST10	UART	512K byte	STM_IN_A
ST10F273Z4	ST10	UART	512K byte	STM_IN_A
ST10F276Z5	ST10	UART	832K byte	STM_IN_A
ST72C104G1	ST7C	CUSTOM SPI	4K byte	ST7F
ST72C104G2	ST7C	CUSTOM SPI	8K byte	ST7F
ST72C124J2	ST7C	CUSTOM SPI	8K byte	ST7F
ST72C171K2	ST7C	CUSTOM SPI	8K byte	ST7F
ST72C215G2	ST7C	CUSTOM SPI	8K byte	ST7F
ST72C216G1	ST7C	CUSTOM SPI	4K byte	ST7F
ST72C254G1	ST7C	CUSTOM SPI	4K byte	ST7F
ST72C254G2	ST7C	CUSTOM SPI	8K byte	ST7F
ST72C314J2	ST7C	CUSTOM SPI	8K byte	ST7F
ST72C314J4	ST7C	CUSTOM SPI	16K byte	ST7F
ST72C314N2	ST7C	CUSTOM SPI	8K byte	ST7F
ST72C314N4	ST7C	CUSTOM SPI	16K byte	ST7F
ST72C334J2	ST7C	CUSTOM SPI	8K byte + 256 byte	ST7F
ST72C334J4	ST7C	CUSTOM SPI	16K byte + 256 byte	ST7F
ST72C334N2	ST7C	CUSTOM SPI	8K byte + 256 byte	ST7F
ST72C334N4	ST7C	CUSTOM SPI	16K byte + 256 byte	ST7F
ST72F260G1	ST7F	ICC	4K byte	ST7F
ST72F262G1	ST7F	ICC	4K byte	ST7F
ST72F262G2	ST7F	ICC	8K byte	ST7F
ST72F264G1	ST7F	ICC	4K byte	ST7F
ST72F264G2	ST7F	ICC	8K byte	ST7F
ST72F321AR6	ST7F	ICC	32K byte	ST7F
ST72F321AR7	ST7F	ICC	48K byte	ST7F
ST72F321AR9	ST7F	ICC	60K byte	ST7F
ST72F321BAR6	ST7F	ICC	32K byte	ST7F
ST72F321BAR7	ST7F	ICC	48K byte	ST7F
ST72F321BAR9	ST7F	ICC	60K byte	ST7F
ST72F321BJ6	ST7F	ICC	32K byte	ST7F
ST72F321BJ7	ST7F	ICC	48K byte	ST7F
ST72F321BJ9	ST7F	ICC	60K byte	ST7F
ST72F321BK6	ST7F	ICC	32K byte	ST7F
ST72F321BR6	ST7F	ICC	32K byte	ST7F
ST72F321BR7	ST7F	ICC	48K byte	ST7F
ST72F321BR9	ST7F	ICC	60K byte	ST7F
ST72F321J7	ST7F	ICC	48K byte	ST7F
ST72F321J9	ST7F	ICC	60K byte	ST7F
ST72F321M6	ST7F	ICC	32K byte	ST7F
ST72F321M9	ST7F	ICC	60K byte	ST7F
ST72F321R6	ST7F	ICC	32K byte	ST7F

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
ST72F321R7	ST7F	ICC	48K byte	ST7F
ST72F321R9	ST7F	ICC	60K byte	ST7F
ST72F324BJ2	ST7F	ICC	8K byte	ST7F
ST72F324BJ4	ST7F	ICC	16K byte	ST7F
ST72F324BJ6	ST7F	ICC	32K byte	ST7F
ST72F324BK2	ST7F	ICC	8K byte	ST7F
ST72F324BK4	ST7F	ICC	16K byte	ST7F
ST72F324BK6	ST7F	ICC	32K byte	ST7F
ST72F324J2	ST7F	ICC	8K byte	ST7F
ST72F324J4	ST7F	ICC	16K byte	ST7F
ST72F324J6	ST7F	ICC	32K byte	ST7F
ST72F324K2	ST7F	ICC	8K byte	ST7F
ST72F324K4	ST7F	ICC	16K byte	ST7F
ST72F324K6	ST7F	ICC	32K byte	ST7F
ST72F324LJ2	ST7F	ICC	8K byte	ST7F
ST72F324LJ4	ST7F	ICC	16K byte	ST7F
ST72F324LJ6	ST7F	ICC	32K byte	ST7F
ST72F324LK2	ST7F	ICC	8K byte	ST7F
ST72F324LK4	ST7F	ICC	16K byte	ST7F
ST72F324LK6	ST7F	ICC	32K byte	ST7F
ST72F325AR6	ST7F	ICC	32K byte	ST7F
ST72F325AR7	ST7F	ICC	48K byte	ST7F
ST72F325AR9	ST7F	ICC	60K byte	ST7F
ST72F325C4	ST7F	ICC	16K byte	ST7F
ST72F325C6	ST7F	ICC	32K byte	ST7F
ST72F325C7	ST7F	ICC	48K byte	ST7F
ST72F325C9	ST7F	ICC	60K byte	ST7F
ST72F325J4	ST7F	ICC	16K byte	ST7F
ST72F325J6	ST7F	ICC	32K byte	ST7F
ST72F325J7	ST7F	ICC	48K byte	ST7F
ST72F325J9	ST7F	ICC	60K byte	ST7F
ST72F325K4	ST7F	ICC	16K byte	ST7F
ST72F325K6	ST7F	ICC	32K byte	ST7F
ST72F325S4	ST7F	ICC	16K byte	ST7F
ST72F325S6	ST7F	ICC	32K byte	ST7F
ST72F32AJ1	ST7F	ICC	4K byte	ST7F
ST72F32AJ2	ST7F	ICC	8K byte	ST7F
ST72F32AK1	ST7F	ICC	4K byte	ST7F
ST72F32AK2	ST7F	ICC	8K byte	ST7F
ST72F340K2	ST7F	ICC	8K byte	ST7F
ST72F340K4	ST7F	ICC	16K byte	ST7F
ST72F340S2	ST7F	ICC	8K byte	ST7F

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
ST72F340S4	ST7F	ICC	16K byte	ST7F
ST72F344K2	ST7F	ICC	8K byte	ST7F
ST72F344K4	ST7F	ICC	16K byte	ST7F
ST72F344S2	ST7F	ICC	8K byte	ST7F
ST72F344S4	ST7F	ICC	16K byte	ST7F
ST72F345C4	ST7F	ICC	16K byte	ST7F
ST72F361AR6	ST7F	ICC	32K byte	ST7F
ST72F361AR7	ST7F	ICC	48K byte	ST7F
ST72F361AR9	ST7F	ICC	60K byte	ST7F
ST72F361J6	ST7F	ICC	32K byte	ST7F
ST72F361J7	ST7F	ICC	48K byte	ST7F
ST72F361J9	ST7F	ICC	60K byte	ST7F
ST72F361K6	ST7F	ICC	32K byte	ST7F
ST72F361K7	ST7F	ICC	48K byte	ST7F
ST72F361K9	ST7F	ICC	60K byte	ST7F
ST72F521AR6	ST7F	ICC	32K byte	ST7F
ST72F521AR9	ST7F	ICC	60K byte	ST7F
ST72F521M9	ST7F	ICC	60K byte	ST7F
ST72F521R6	ST7F	ICC	32K byte	ST7F
ST72F521R9	ST7F	ICC	60K byte	ST7F
ST72F561AR4	ST7F	ICC	16K byte	ST7F
ST72F561AR6	ST7F	ICC	32K byte	ST7F
ST72F561AR7	ST7F	ICC	48K byte	ST7F
ST72F561AR9	ST7F	ICC	60K byte	ST7F
ST72F561J4	ST7F	ICC	16K byte	ST7F
ST72F561J6	ST7F	ICC	32K byte	ST7F
ST72F561J9	ST7F	ICC	60K byte	ST7F
ST72F561K4	ST7F	ICC	16K byte	ST7F
ST72F561K6	ST7F	ICC	32K byte	ST7F
ST72F561K9	ST7F	ICC	60K byte	ST7F
ST72F561R6	ST7F	ICC	32K byte	ST7F
ST72F561R9	ST7F	ICC	60K byte	ST7F
ST72F60E1	ST7F	ICC	4K byte	ST7F
ST72F60E2	ST7F	ICC	8K byte	ST7F
ST72F60K1	ST7F	ICC	4K byte	ST7F
ST72F60K2	ST7F	ICC	8K byte	ST7F
ST72F621J2	ST7F	ICC	8K byte	ST7F
ST72F621J4	ST7F	ICC	16K byte	ST7F
ST72F621K4	ST7F	ICC	16K byte	ST7F
ST72F621L4	ST7F	ICC	16K byte	ST7F
ST72F622K2	ST7F	ICC	8K byte	ST7F
ST72F622L2	ST7F	ICC	8K byte	ST7F

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
ST72F623F2	ST7F	ICC	8K byte	ST7F
ST72F63BD6	ST7F	ICC	32K byte	ST7F
ST72F63BE1	ST7F	ICC	4K byte	ST7F
ST72F63BE2	ST7F	ICC	8K byte	ST7F
ST72F63BE4	ST7F	ICC	16K byte	ST7F
ST72F63BE6	ST7F	ICC	32K byte	ST7F
ST72F63BH2	ST7F	ICC	8K byte	ST7F
ST72F63BH6	ST7F	ICC	32K byte	ST7F
ST72F63BK1	ST7F	ICC	4K byte	ST7F
ST72F63BK2	ST7F	ICC	8K byte	ST7F
ST72F63BK4	ST7F	ICC	16K byte	ST7F
ST72F63BK6	ST7F	ICC	32K byte	ST7F
ST72F651AR6	ST7F	ICC	32K byte	ST7F
ST72F651R6	ST7F	ICC	32K byte	ST7F
ST72F652AR4	ST7F	ICC	16K byte	ST7F
ST7FDALI	ST7F	ICC	8K byte + 256 byte	ST7F
ST7FL34	ST7F	ICC	8K byte	ST7F
ST7FL35	ST7F	ICC	8K byte	ST7F
ST7FL38	ST7F	ICC	8K byte + 256 byte	ST7F
ST7FL39	ST7F	ICC	8K byte + 256 byte	ST7F
ST7FLCD1	ST7F	ICC	60K byte	ST7F
ST7FLI49MK1	ST7F	ICC	4K byte + 128 byte	ST7F
ST7FLIT10BF0	ST7F	ICC	2K byte	ST7F
ST7FLIT10BF1	ST7F	ICC	4K byte	ST7F
ST7FLIT10BY0	ST7F	ICC	2K byte	ST7F
ST7FLIT10BY1	ST7F	ICC	4K byte	ST7F
ST7FLIT15BF0	ST7F	ICC	2K byte	ST7F
ST7FLIT15BF1	ST7F	ICC	4K byte	ST7F
ST7FLIT15BY0	ST7F	ICC	2K byte	ST7F
ST7FLIT15BY1	ST7F	ICC	4K byte	ST7F
ST7FLIT19BF0	ST7F	ICC	2K byte + 128 byte	ST7F
ST7FLIT19BF1	ST7F	ICC	4K byte + 128 byte	ST7F
ST7FLIT19BY0	ST7F	ICC	2K byte + 128 byte	ST7F
ST7FLIT19BY1	ST7F	ICC	4K byte + 128 byte	ST7F
ST7FLITE02	ST7F	ICC	1.5K byte	ST7F
ST7FLITE05	ST7F	ICC	1.5K byte	ST7F
ST7FLITE09	ST7F	ICC	1.5K byte + 128 byte	ST7F
ST7FLITE10	ST7F	ICC	4K byte	ST7F
ST7FLITE15	ST7F	ICC	4K byte	ST7F
ST7FLITE19	ST7F	ICC	4K byte + 128 byte	ST7F
ST7FLITE20	ST7F	ICC	8K byte	ST7F
ST7FLITE25	ST7F	ICC	8K byte	ST7F

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
ST7FLITE29	ST7F	ICC	8K byte + 256 byte	ST7F
ST7FLITE30	ST7F	ICC	8K byte	ST7F
ST7FLITE35	ST7F	ICC	8K byte	ST7F
ST7FLITE39	ST7F	ICC	8K byte + 256 byte	ST7F
ST7FLITE49K2	ST7F	ICC	8K byte	ST7F
ST7FLITEBC	ST7F	ICC	1K byte	ST7F
ST7FLITES2	ST7F	ICC	1K byte	ST7F
ST7FLITES5	ST7F	ICC	1K byte	ST7F
ST7FLITEU05	ST7F	ICC	2K byte + 128 byte	ST7F
ST7FLITEU09	ST7F	ICC	2K byte + 128 byte	ST7F
ST7FLITEUS5	ST7F	ICC	1K byte	ST7F
ST7FMC1K2	ST7F	ICC	8K byte	ST7F
ST7FMC1K4	ST7F	ICC	16K byte	ST7F
ST7FMC1K6	ST7F	ICC	32K byte	ST7F
ST7FMC2M9	ST7F	ICC	60K byte	ST7F
ST7FMC2N6	ST7F	ICC	32K byte	ST7F
ST7FMC2R6	ST7F	ICC	32K byte	ST7F
ST7FMC2R7	ST7F	ICC	48K byte	ST7F
ST7FMC2S4	ST7F	ICC	16K byte	ST7F
ST7FMC2S6	ST7F	ICC	32K byte	ST7F
ST7FMC2S7	ST7F	ICC	48K byte	ST7F
ST7FOXA0	ST7F	ICC	2K byte	ST7F
ST7FOXF1	ST7F	ICC	4K byte	ST7F
ST7FOXK1	ST7F	ICC	4K byte	ST7F
ST7FOXK2	ST7F	ICC	8K byte	ST7F
ST7FOXU0	ST7F	ICC	2K byte	ST7F
STM32F030C6_SWD	STM32	SWD	32K bytes	CORTEX_S
STM32F030C8_SWD	STM32	SWD	64K bytes	CORTEX_S
STM32F030CC_SWD	STM32	SWD	256K bytes	CORTEX_S
STM32F030F4_SWD	STM32	SWD	16K bytes	CORTEX_S
STM32F030K6_SWD	STM32	SWD	32K bytes	CORTEX_S
STM32F030RC_SWD	STM32	SWD	256K bytes	CORTEX_S
STM32F031F6_SWD	STM32	SWD	32K bytes	CORTEX_S
STM32F031G4_SWD	STM32	SWD	16K bytes	CORTEX_S
STM32F031K4_SWD	STM32	SWD	16K bytes	CORTEX_S
STM32F050K4_SWD	STM32	SWD	16K bytes	CORTEX_S
STM32F050K6_SWD	STM32	SWD	32K bytes	CORTEX_S
STM32F051C8_SWD	STM32	SWD	64K bytes	CORTEX_S
STM32F051K8_SWD	STM32	SWD	64K bytes	CORTEX_S
STM32F071CB_SWD	STM32	SWD	128K bytes	CORTEX_S
STM32F071V8_SWD	STM32	SWD	128K bytes	CORTEX_S
STM32F071VB_SWD	STM32	SWD	128K bytes	CORTEX_S

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
STM32F072C8_SWD	STM32	SWD	64K bytes	CORTEX_S
STM32F072CB_SWD	STM32	SWD	128K bytes	CORTEX_S
STM32F072RB_SWD	STM32	SWD	128K bytes	CORTEX_S
STM32F091CC_SWD	STM32	SWD	256K bytes	CORTEX_S
STM32F091RC_SWD	STM32	SWD	256K bytes	CORTEX_S
STM32F100C4	STM32	JTAG	16K bytes	CORTEX
STM32F100C4_SWD	STM32	SWD	16K bytes	CORTEX_S
STM32F100C6	STM32	JTAG	32K bytes	CORTEX
STM32F100C6_SWD	STM32	SWD	32K bytes	CORTEX_S
STM32F100C8	STM32	JTAG	64K bytes	CORTEX
STM32F100C8_SWD	STM32	SWD	64K bytes	CORTEX_S
STM32F100CB	STM32	JTAG	128K bytes	CORTEX
STM32F100CB_SWD	STM32	SWD	128K bytes	CORTEX_S
STM32F100R4	STM32	JTAG	16K bytes	CORTEX
STM32F100R4_SWD	STM32	SWD	16K bytes	CORTEX_S
STM32F100R6	STM32	JTAG	32K bytes	CORTEX
STM32F100R6_SWD	STM32	SWD	32K bytes	CORTEX_S
STM32F100R8	STM32	JTAG	64K bytes	CORTEX
STM32F100R8_SWD	STM32	SWD	64K bytes	CORTEX_S
STM32F100RB	STM32	JTAG	128K bytes	CORTEX
STM32F100RB_SWD	STM32	SWD	128K bytes	CORTEX_S
STM32F100RC	STM32	JTAG	256K bytes	CORTEX
STM32F100RC_SWD	STM32	SWD	256K bytes	CORTEX_S
STM32F100RD	STM32	JTAG	384K bytes	CORTEX
STM32F100RD_SWD	STM32	SWD	384K bytes	CORTEX_S
STM32F100RE	STM32	JTAG	512K bytes	CORTEX
STM32F100RE_SWD	STM32	SWD	512K bytes	CORTEX_S
STM32F100V8	STM32	JTAG	64K bytes	CORTEX
STM32F100V8_SWD	STM32	SWD	64K bytes	CORTEX_S
STM32F100VB	STM32	JTAG	128K bytes	CORTEX
STM32F100VB_SWD	STM32	SWD	128K bytes	CORTEX_S
STM32F100VC	STM32	JTAG	256K bytes	CORTEX
STM32F100VC_SWD	STM32	SWD	256K bytes	CORTEX_S
STM32F100VD	STM32	JTAG	384K bytes	CORTEX
STM32F100VD_SWD	STM32	SWD	384K bytes	CORTEX_S
STM32F100VE	STM32	JTAG	512K bytes	CORTEX
STM32F100VE_SWD	STM32	SWD	512K bytes	CORTEX_S
STM32F100ZC	STM32	JTAG	256K bytes	CORTEX
STM32F100ZC_SWD	STM32	SWD	256K bytes	CORTEX_S
STM32F100ZD	STM32	JTAG	384K bytes	CORTEX
STM32F100ZD_SWD	STM32	SWD	384K bytes	CORTEX_S
STM32F100ZE	STM32	JTAG	512K bytes	CORTEX



**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
STM32F100ZE_SWD	STM32	SWD	512K bytes	CORTEX_S
STM32F101C4	STM32	JTAG	16K bytes	CORTEX
STM32F101C6	STM32	JTAG	32K bytes	CORTEX
STM32F101C8	STM32	JTAG	64K bytes	CORTEX
STM32F101CB	STM32	JTAG	128K bytes	CORTEX
STM32F101R4	STM32	JTAG	16K bytes	CORTEX
STM32F101R6	STM32	JTAG	32K bytes	CORTEX
STM32F101R8	STM32	JTAG	64K bytes	CORTEX
STM32F101RB	STM32	JTAG	128K bytes	CORTEX
STM32F101RC	STM32	JTAG	256K bytes	CORTEX
STM32F101RC_SWD	STM32	SWD	256K bytes	CORTEX_S
STM32F101RD	STM32	JTAG	384K bytes	CORTEX
STM32F101RE	STM32	JTAG	512K bytes	CORTEX
STM32F101T4	STM32	JTAG	16K bytes	CORTEX
STM32F101T6	STM32	JTAG	32K bytes	CORTEX
STM32F101T8	STM32	JTAG	64K bytes	CORTEX
STM32F101V8	STM32	JTAG	64K bytes	CORTEX
STM32F101VB	STM32	JTAG	128K bytes	CORTEX
STM32F101VC	STM32	JTAG	256K bytes	CORTEX
STM32F101VD	STM32	JTAG	384K bytes	CORTEX
STM32F101VE	STM32	JTAG	512K bytes	CORTEX
STM32F101VF	STM32	JTAG	768K byte	CORTEX
STM32F101VG	STM32	JTAG	1024K byte	CORTEX
STM32F101ZC	STM32	JTAG	256K bytes	CORTEX
STM32F101ZD	STM32	JTAG	384K bytes	CORTEX
STM32F101ZE	STM32	JTAG	512K bytes	CORTEX
STM32F102C4	STM32	JTAG	16K bytes	CORTEX
STM32F102C6	STM32	JTAG	32K bytes	CORTEX
STM32F102R4	STM32	JTAG	16K bytes	CORTEX
STM32F102R6	STM32	JTAG	32K bytes	CORTEX
STM32F102RB_SWD	STM32	SWD	128K bytes	CORTEX_S
STM32F103C4	STM32	JTAG	16K bytes	CORTEX
STM32F103C6	STM32	JTAG	32K bytes	CORTEX
STM32F103C8	STM32	JTAG	64K bytes	CORTEX
STM32F103CB	STM32	JTAG	128K bytes	CORTEX
STM32F103R4	STM32	JTAG	16K bytes	CORTEX
STM32F103R6	STM32	JTAG	32K bytes	CORTEX
STM32F103R8	STM32	JTAG	64K bytes	CORTEX
STM32F103RB	STM32	JTAG	128K bytes	CORTEX
STM32F103RC	STM32	JTAG	256K bytes	CORTEX
STM32F103RD	STM32	JTAG	384K bytes	CORTEX
STM32F103RE	STM32	JTAG	512K bytes	CORTEX

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
STM32F103RF	STM32	JTAG	768K bytes	CORTEX
STM32F103RF_SWD	STM32	SWD	768K bytes	CORTEX_C
STM32F103RG	STM32	JTAG	1024K bytes	CORTEX
STM32F103T4	STM32	JTAG	16K bytes	CORTEX
STM32F103T6	STM32	JTAG	32K bytes	CORTEX
STM32F103T8	STM32	JTAG	64K bytes	CORTEX
STM32F103TB	STM32	JTAG	128K bytes	CORTEX
STM32F103V8	STM32	JTAG	64K bytes	CORTEX
STM32F103VB	STM32	JTAG	128K bytes	CORTEX
STM32F103VC	STM32	JTAG	256K bytes	CORTEX
STM32F103VD	STM32	JTAG	384K bytes	CORTEX
STM32F103VE	STM32	JTAG	512K bytes	CORTEX
STM32F103VF	STM32	JTAG	768K bytes	CORTEX
STM32F103VG	STM32	JTAG	1024K bytes	CORTEX
STM32F103ZC	STM32	JTAG	256K bytes	CORTEX
STM32F103ZD	STM32	JTAG	384K bytes	CORTEX
STM32F103ZE	STM32	JTAG	512K bytes	CORTEX
STM32F103ZF	STM32	JTAG	768K bytes	CORTEX
STM32F103ZG	STM32	JTAG	1024K bytes	CORTEX
STM32F103ZG_SWD	STM32	SWD	1024K bytes	CORTEX_C
STM32F105R8	STM32	JTAG	64K bytes	CORTEX
STM32F105RB	STM32	JTAG	128K bytes	CORTEX
STM32F105RC	STM32	JTAG	256K bytes	CORTEX
STM32F105V8	STM32	JTAG	64K bytes	CORTEX
STM32F105VB	STM32	JTAG	128K bytes	CORTEX
STM32F105VC	STM32	JTAG	256K bytes	CORTEX
STM32F107RB	STM32	JTAG	128K bytes	CORTEX
STM32F107RC	STM32	JTAG	256K bytes	CORTEX
STM32F107VB	STM32	JTAG	128K bytes	CORTEX
STM32F107VC	STM32	JTAG	256K bytes	CORTEX
STM32F205RC_SWD	STM32	SWD	256K bytes	CORTEX_C
STM32F205RE_SWD	STM32	SWD	512K bytes	CORTEX_C
STM32F205VB_SWD	STM32	SWD	128K bytes	CORTEX_C
STM32F205VE_SWD	STM32	SWD	512K bytes	CORTEX_C
STM32F205VF_SWD	STM32	SWD	768K bytes	CORTEX_C
STM32F205ZE_SWD	STM32	SWD	512K bytes	CORTEX_C
STM32F205ZG_SWD	STM32	SWD	1024K bytes	CORTEX_C
STM32F207IF_SWD	STM32	SWD	768K bytes	CORTEX_C
STM32F207VE	STM32	JTAG	512K bytes	CORTEX
STM32F207VG_SWD	STM32	SWD	1024K bytes	CORTEX_C
STM32F217IG_SWD	STM32	SWD	1024K bytes	CORTEX_C
STM32F301C6	STM32	SWD		STM32F3

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Device Code	Family	Protocol(s)	Memory Size	Algorithm
STM32F301C8	STM32	SWD		STM32F3
STM32F301K6	STM32	SWD		STM32F3
STM32F301K8	STM32	SWD		STM32F3
STM32F301R6	STM32	SWD		STM32F3
STM32F301R8	STM32	SWD		STM32F3
STM32F302CB	STM32	SWD		STM32F3
STM32F302CC	STM32	SWD		STM32F3
STM32F302RB	STM32	SWD		STM32F3
STM32F302RC	STM32	SWD		STM32F3
STM32F302VB	STM32	SWD		STM32F3
STM32F302VC	STM32	SWD		STM32F3
STM32F303CC	STM32	SWD		STM32F3
STM32F303RB	STM32	SWD		STM32F3
STM32F303RE	STM32	SWD		STM32F3
STM32F303VC	STM32	SWD		STM32F3
STM32F303VD	STM32	SWD		STM32F3
STM32F373CC	STM32	SWD		STM32F3
STM32F407VG_SWD	STM32	SWD	1024K bytes	CORTEX_C
STM32F407ZE_SWD	STM32	SWD	512K bytes	CORTEX_C
STM32F407ZG_SWD	STM32	SWD	1024K bytes	CORTEX_C
STM32F415RG_SWD	STM32	SWD	1024K bytes	CORTEX_C
STM32F427VI_SWD	STM32	SWD	2048K bytes	CORTEX_F
STM32F429VI	STM32	SWD	2048K bytes	CORTEX_F
STM32F437VI	STM32	SWD	2048K bytes	CORTEX_F
STM32F446ZE_SWD	STM32	SWD	512K bytes	CORTEX_C
STM32G030K8	STM32	SWD		STM32G
STM32G031C8	STM32	SWD	64K bytes	STM32G
STM32G031F8	STM32	SWD	64K bytes	STM32G
STM32G031K6	STM32	SWD	32K bytes	STM32G
STM32G041C8	STM32	SWD	64K bytes	STM32G
STM32G051K8	STM32	SWD	64K bytes	STM32G
STM32G070CB_SWD	STM32	SWD	128K bytes	CORTEX_B
STM32G070RB	STM32	SWD		STM32G
STM32G071C8	STM32	SWD	64K bytes	STM32G
STM32G071CB	STM32	SWD	128K bytes	STM32G
STM32G071KB	STM32	SWD	128K bytes	STM32G
STM32G0B1CE	STM32	SWD	512K bytes	STM32G
STM32G431CB	STM32	SWD	128K bytes	STM32G
STM32G473VC	STM32	SWD	256K bytes	STM32G
STM32G473VE	STM32	SWD	512K bytes	STM32G
STM32G483VE	STM32	SWD	512K bytes	STM32G
STM32L011F3_SWD	STM32	SWD	8K bytes + 512 bytes	CORTEX_D

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
STM32L011G4_SWD	STM32	SWD	16K bytes	CORTEX_D
STM32L031F6_SWD	STM32	SWD	32K bytes + 1K bytes	CORTEX_D
STM32L031K6_SWD	STM32	SWD	32K bytes + 1K bytes	CORTEX_D
STM32L051C6_SWD	STM32	SWD	32K bytes + 2K bytes	CORTEX_D
STM32L051K6_SWD	STM32	SWD	32K bytes + 2K bytes	CORTEX_D
STM32L051K8_SWD	STM32	SWD	64K bytes + 2K bytes	CORTEX_D
STM32L053R8_SWD	STM32	SWD	64K bytes	CORTEX_D
STM32L071CB_SWD	STM32	SWD	128K bytes + 6K bytes	CORTEX_D
STM32L071KZ_SWD	STM32	SWD	192K bytes + 6K bytes	CORTEX_D
STM32L100RB_SWD	STM32	SWD	128K bytes	CORTEX_B
STM32L151C6_SWD	STM32	SWD	32K bytes	CORTEX_B
STM32L151C8_SWD	STM32	SWD	64K bytes	CORTEX_B
STM32L151CB_SWD	STM32	SWD	128K bytes	CORTEX_B
STM32L151CC_SWD	STM32	SWD	256K bytes	CORTEX_B
STM32L151R6_SWD	STM32	SWD	32K bytes	CORTEX_B
STM32L151R8_SWD	STM32	SWD	64K bytes	CORTEX_B
STM32L151RB_SWD	STM32	SWD	128K bytes	CORTEX_B
STM32L151V8_SWD	STM32	SWD	64K bytes	CORTEX_B
STM32L151VB_SWD	STM32	SWD	128K bytes	CORTEX_B
STM32L152C6_SWD	STM32	SWD	32K bytes	CORTEX_B
STM32L152C8_SWD	STM32	SWD	64K bytes	CORTEX_B
STM32L152CB_SWD	STM32	SWD	128K bytes	CORTEX_B
STM32L152R6_SWD	STM32	SWD	32K bytes	CORTEX_B
STM32L152R8_SWD	STM32	SWD	64K bytes	CORTEX_B
STM32L152RB_SWD	STM32	SWD	128K bytes	CORTEX_B
STM32L152V8_SWD	STM32	SWD	64K bytes	CORTEX_B
STM32L152VB_SWD	STM32	SWD	128K bytes	CORTEX_B
STM32L431RC	STM32	SWD	256K bytes	CORTEX_C
STM32L451CC_SWD	STM32	SWD	256K bytes	CORTEX_C
STM32L451RE_SWD	STM32	SWD	512K bytes	CORTEX_C
STM32L476VG_SWD	STM32	SWD	1024K bytes	CORTEX_F
STM32L496VE	STM32	SWD	512K bytes	CORTEX_F
STM32L496VG	STM32	SWD	1024K bytes	CORTEX_F
STM32L496ZE	STM32	SWD	512K bytes	CORTEX_F
STM32W108CB	STM32	JTAG	128K bytes	CORTEX
STM32W108CC	STM32	JTAG	256K bytes	CORTEX
STM32W108CZ	STM32	JTAG	192K bytes	CORTEX
STM32W108HB	STM32	JTAG	128K bytes	CORTEX
STM8AF5168	STM8	SWIM	32K byte + 1K byte	STM_A
STM8AF5169	STM8	SWIM	32K byte + 1K byte	STM_A
STM8AF5178	STM8	SWIM	48K byte + 1.5K byte	STM_A
STM8AF5179	STM8	SWIM	48K byte + 1.5K byte	STM_A

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
STM8AF5188	STM8	SWIM	64K byte + 1.5K byte	STM_A
STM8AF5189	STM8	SWIM	64K byte + 1.5K byte	STM_A
STM8AF518A	STM8	SWIM	64K byte + 2K byte	STM_A
STM8AF5198	STM8	SWIM	96K byte + 2K byte	STM_A
STM8AF5199	STM8	SWIM	96K byte + 2K byte	STM_A
STM8AF519A	STM8	SWIM	96K byte + 2K byte	STM_A
STM8AF51A8	STM8	SWIM	128K byte + 2K byte	STM_A
STM8AF51A9	STM8	SWIM	128K byte + 2K byte	STM_A
STM8AF51AA	STM8	SWIM	128K byte + 2K byte	STM_A
STM8AF5268	STM8	SWIM	32K byte + 1K byte	STM_A
STM8AF5269	STM8	SWIM	32K byte + 1K byte	STM_A
STM8AF5288	STM8	SWIM	64K byte + 2K byte	STM_A
STM8AF5289	STM8	SWIM	64K byte + 2K byte	STM_A
STM8AF528A	STM8	SWIM	64K byte + 2K byte	STM_A
STM8AF52A8	STM8	SWIM	128K byte + 2K byte	STM_A
STM8AF52A9	STM8	SWIM	128K byte + 2K byte	STM_A
STM8AF52AA	STM8	SWIM	128K byte + 2K byte	STM_A
STM8AF6126	STM8	SWIM	8K byte + 384 byte	STM_A
STM8AF6146	STM8	SWIM	16K byte + 512 byte	STM_A
STM8AF6148	STM8	SWIM	16K byte + 512 byte	STM_A
STM8AF6166	STM8	SWIM	32K byte + 1K byte	STM_A
STM8AF6168	STM8	SWIM	32K byte + 1K byte	STM_A
STM8AF6169	STM8	SWIM	32K byte + 1K byte	STM_A
STM8AF6176	STM8	SWIM	48K byte + 1.5K byte	STM_A
STM8AF6178	STM8	SWIM	48K byte + 1.5K byte	STM_A
STM8AF6179	STM8	SWIM	48K byte + 1.5K byte	STM_A
STM8AF6186	STM8	SWIM	64K byte + 1.5K byte	STM_A
STM8AF6188	STM8	SWIM	64K byte + 1.5K byte	STM_A
STM8AF6189	STM8	SWIM	64K byte + 1.5K byte	STM_A
STM8AF6198	STM8	SWIM	96K byte + 2K byte	STM_A
STM8AF6199	STM8	SWIM	96K byte + 2K byte	STM_A
STM8AF619A	STM8	SWIM	96K byte + 2K byte	STM_A
STM8AF61A8	STM8	SWIM	128K byte + 2K byte	STM_A
STM8AF61A9	STM8	SWIM	128K byte + 2K byte	STM_A
STM8AF61AA	STM8	SWIM	128K byte + 2K byte	STM_A
STM8AF6223	STM8	SWIM	8K byte + 640 byte	STM_A
STM8AF6226	STM8	SWIM	8K byte + 384 byte	STM_A
STM8AF6246	STM8	SWIM	16K byte + 512 byte	STM_A
STM8AF6248	STM8	SWIM	16K byte + 512 byte	STM_A
STM8AF6266	STM8	SWIM	32K byte + 1K byte	STM_A
STM8AF6268	STM8	SWIM	32K byte + 1K byte	STM_A
STM8AF6269	STM8	SWIM	32K byte + 1K byte	STM_A

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
STM8AF6286	STM8	SWIM	64K byte + 2K byte	STM_A
STM8AF6288	STM8	SWIM	64K byte + 2K byte	STM_A
STM8AF6289	STM8	SWIM	64K byte + 2K byte	STM_A
STM8AF628A	STM8	SWIM	64K byte + 2K byte	STM_A
STM8AF62A8	STM8	SWIM	128K byte + 2K byte	STM_A
STM8AF62A9	STM8	SWIM	128K byte + 2K byte	STM_A
STM8AF62AA	STM8	SWIM	128K byte + 2K byte	STM_A
STM8AH5168	STM8	SWIM	32K byte	STM_A
STM8AH5169	STM8	SWIM	32K byte	STM_A
STM8AH5178	STM8	SWIM	48K byte	STM_A
STM8AH5179	STM8	SWIM	48K byte	STM_A
STM8AH5188	STM8	SWIM	64K byte	STM_A
STM8AH5189	STM8	SWIM	64K byte	STM_A
STM8AH518A	STM8	SWIM	64K byte	STM_A
STM8AH5198	STM8	SWIM	96K byte	STM_A
STM8AH5199	STM8	SWIM	96K byte	STM_A
STM8AH519A	STM8	SWIM	96K byte	STM_A
STM8AH51A8	STM8	SWIM	128K byte	STM_A
STM8AH51A9	STM8	SWIM	128K byte	STM_A
STM8AH51AA	STM8	SWIM	128K byte	STM_A
STM8AH6126	STM8	SWIM	8K byte	STM_A
STM8AH6146	STM8	SWIM	16K byte	STM_A
STM8AH6148	STM8	SWIM	16K byte	STM_A
STM8AH6166	STM8	SWIM	32K byte	STM_A
STM8AH6168	STM8	SWIM	32K byte	STM_A
STM8AH6169	STM8	SWIM	32K byte	STM_A
STM8AH6176	STM8	SWIM	48K byte	STM_A
STM8AH6178	STM8	SWIM	48K byte	STM_A
STM8AH6179	STM8	SWIM	48K byte	STM_A
STM8AH6186	STM8	SWIM	64K byte	STM_A
STM8AH6188	STM8	SWIM	64K byte	STM_A
STM8AH6189	STM8	SWIM	64K byte	STM_A
STM8AH6198	STM8	SWIM	96K byte	STM_A
STM8AH6199	STM8	SWIM	96K byte	STM_A
STM8AH619A	STM8	SWIM	96K byte	STM_A
STM8AH61A8	STM8	SWIM	128K byte	STM_A
STM8AH61A9	STM8	SWIM	128K byte	STM_A
STM8AH61AA	STM8	SWIM	128K byte	STM_A
STM8L050J3	STM8	SWIM	8K bytes + 256 byte	STM_A
STM8L051F3	STM8	SWIM	8K bytes + 256 bytes	STM_A
STM8L052C6	STM8	SWIM	2.5K byte + 256 byte	STM_A
STM8L101F2	STM8	SWIM	4K byte	STM_A

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
STM8L101F3	STM8	SWIM	8K byte + 2K byte	STM_A
STM8L101G2	STM8	SWIM	4K byte	STM_A
STM8L101G3	STM8	SWIM	8K byte + 2K byte	STM_A
STM8L101K3	STM8	SWIM	8K byte + 2K byte	STM_A
STM8L151C3	STM8	SWIM	8K byte + 256 byte	STM_A
STM8L151C4	STM8	SWIM	16K byte + 1K byte	STM_A
STM8L151C6	STM8	SWIM	32K byte + 1K byte	STM_A
STM8L151C8	STM8	SWIM	64K byte + 2K byte	STM_A
STM8L151F2	STM8	SWIM	4K byte + 256 byte	STM_A
STM8L151F3	STM8	SWIM	8K byte + 256 byte	STM_A
STM8L151G2	STM8	SWIM	4K byte + 256 byte	STM_A
STM8L151G3	STM8	SWIM	8K byte + 256 byte	STM_A
STM8L151G4	STM8	SWIM	16K byte + 1K byte	STM_A
STM8L151G6	STM8	SWIM	32K byte + 1K byte	STM_A
STM8L151K2	STM8	SWIM	4K byte + 256 byte	STM_A
STM8L151K3	STM8	SWIM	8K byte + 256 byte	STM_A
STM8L151K4	STM8	SWIM	16K byte + 1K byte	STM_A
STM8L151K6	STM8	SWIM	32K byte + 1K byte	STM_A
STM8L151M8	STM8	SWIM	64K byte + 2K byte	STM_A
STM8L151R6	STM8	SWIM	32K byte + 1K byte	STM_A
STM8L151R8	STM8	SWIM	64K byte + 2K byte	STM_A
STM8L152C4	STM8	SWIM	16K byte + 1K byte	STM_A
STM8L152C6	STM8	SWIM	32K byte + 1K byte	STM_A
STM8L152C8	STM8	SWIM	64K byte + 2K byte	STM_A
STM8L152K4	STM8	SWIM	16K byte + 1K byte	STM_A
STM8L152K6	STM8	SWIM	32K byte + 1K byte	STM_A
STM8L152M8	STM8	SWIM	64K byte + 2K byte	STM_A
STM8L152R6	STM8	SWIM	32K byte + 1K byte	STM_A
STM8L152R8	STM8	SWIM	64K byte + 2K byte	STM_A
STM8L162M8	STM8	SWIM	64K byte + 2K byte	STM_A
STM8L162R8	STM8	SWIM	64K byte + 2K byte	STM_A
STM8S001J3	STM8	SWIM	8K bytes + 128 bytes	STM_A
STM8S003F3	STM8	SWIM	8K byte + 128 byte	STM_A
STM8S003K3	STM8	SWIM	8K byte + 128 byte	STM_A
STM8S005C6	STM8	SWIM	32K byte + 128 byte	STM_A
STM8S005K6	STM8	SWIM	32K byte + 128 byte	STM_A
STM8S007C8	STM8	SWIM	64K byte + 128 byte	STM_A
STM8S103F2	STM8	SWIM	4K byte + 640 byte	STM_A
STM8S103F3	STM8	SWIM	8K byte + 640 byte	STM_A
STM8S103K3	STM8	SWIM	8K byte + 640 byte	STM_A
STM8S105C4	STM8	SWIM	16K byte + 1K byte	STM_A
STM8S105C6	STM8	SWIM	32K byte + 1K byte	STM_A

**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
STM8S105K4	STM8	SWIM	16K byte + 1K byte	STM_A
STM8S105K6	STM8	SWIM	32K byte + 1K byte	STM_A
STM8S105S4	STM8	SWIM	16K byte + 1K byte	STM_A
STM8S105S6	STM8	SWIM	32K byte + 1K byte	STM_A
STM8S207C6	STM8	SWIM	32K byte + 1K byte	STM_A
STM8S207C8	STM8	SWIM	64K byte + 1.5K byte	STM_A
STM8S207CB	STM8	SWIM	128K byte + 2K byte	STM_A
STM8S207K6	STM8	SWIM	32K byte + 1K byte	STM_A
STM8S207K8	STM8	SWIM	64K byte + 1K byte	STM_A
STM8S207M8	STM8	SWIM	64K byte + 2K byte	STM_A
STM8S207MB	STM8	SWIM	128K byte + 2K byte	STM_A
STM8S207R6	STM8	SWIM	32K byte + 1K byte	STM_A
STM8S207R8	STM8	SWIM	64K byte + 1.5K byte	STM_A
STM8S207RB	STM8	SWIM	128K byte + 2K byte	STM_A
STM8S207S6	STM8	SWIM	32K byte + 1K byte	STM_A
STM8S207S8	STM8	SWIM	64K byte + 1.5K byte	STM_A
STM8S207SB	STM8	SWIM	128K byte + 1.5K byte	STM_A
STM8S208C6	STM8	SWIM	32K byte + 2K byte	STM_A
STM8S208C8	STM8	SWIM	64K byte + 2K byte	STM_A
STM8S208CB	STM8	SWIM	128K byte + 2K byte	STM_A
STM8S208M8	STM8	SWIM	64K byte + 2K byte	STM_A
STM8S208MB	STM8	SWIM	128K byte + 2K byte	STM_A
STM8S208R6	STM8	SWIM	32K byte + 2K byte	STM_A
STM8S208R8	STM8	SWIM	64K byte + 2K byte	STM_A
STM8S208RB	STM8	SWIM	128K byte + 2K byte	STM_A
STM8S208S6	STM8	SWIM	32K byte + 1.5K byte	STM_A
STM8S208S8	STM8	SWIM	64K byte + 1.5K byte	STM_A
STM8S208SB	STM8	SWIM	128K byte + 1.5K byte	STM_A
STM8S903F3	STM8	SWIM	8K byte + 640 byte	STM_A
STM8S903K3	STM8	SWIM	8K byte + 640 byte	STM_A
STR710FZ1	STR7 (ARM7)	JTAG	144K byte	ARM7
STR710FZ2	STR7 (ARM7)	JTAG	272K byte	ARM7
STR711FR0	STR7 (ARM7)	JTAG	80K byte	ARM7
STR711FR1	STR7 (ARM7)	JTAG	144K byte	ARM7
STR711FR2	STR7 (ARM7)	JTAG	272K byte	ARM7
STR712FR0	STR7 (ARM7)	JTAG	80K byte	ARM7
STR712FR1	STR7 (ARM7)	JTAG	144K byte	ARM7
STR712FR2	STR7 (ARM7)	JTAG	272K byte	ARM7
STR715FR0	STR7 (ARM7)	JTAG	80K byte	ARM7
STR730FZ1	STR7 (ARM7)	JTAG	128K byte	ARM7
STR730FZ2	STR7 (ARM7)	JTAG	256K byte	ARM7
STR731FV0	STR7 (ARM7)	JTAG	64K byte	ARM7



**STMicroelectronics**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
STR731FV1	STR7 (ARM7)	JTAG	128K byte	ARM7
STR731FV2	STR7 (ARM7)	JTAG	256K byte	ARM7
STR735FZ1	STR7 (ARM7)	JTAG	128K byte	ARM7
STR735FZ2	STR7 (ARM7)	JTAG	256K byte	ARM7
STR736FV0	STR7 (ARM7)	JTAG	64K byte	ARM7
STR736FV1	STR7 (ARM7)	JTAG	128K byte	ARM7
STR736FV2	STR7 (ARM7)	JTAG	256K byte	ARM7
STR750FV0	STR7 (ARM7)	JTAG	80K byte	ARM7
STR750FV1	STR7 (ARM7)	JTAG	144K byte	ARM7
STR750FV2	STR7 (ARM7)	JTAG	272K byte	ARM7
STR751FR0	STR7 (ARM7)	JTAG	80K byte	ARM7
STR751FR1	STR7 (ARM7)	JTAG	144K byte	ARM7
STR751FR2	STR7 (ARM7)	JTAG	272K byte	ARM7
STR752FR0	STR7 (ARM7)	JTAG	80K byte	ARM7
STR752FR1	STR7 (ARM7)	JTAG	144K byte	ARM7
STR752FR2	STR7 (ARM7)	JTAG	272K byte	ARM7
STR755FR0	STR7 (ARM7)	JTAG	80K byte	ARM7
STR755FR1	STR7 (ARM7)	JTAG	144K byte	ARM7
STR755FR2	STR7 (ARM7)	JTAG	272K byte	ARM7
STR755FV0	STR7 (ARM7)	JTAG	80K byte	ARM7
STR755FV1	STR7 (ARM7)	JTAG	144K byte	ARM7
STR755FV2	STR7 (ARM7)	JTAG	272K byte	ARM7
STR910FAM32	STR9 (ARM9)	JTAG	288K byte	ARM9
STR910FAW32	STR9 (ARM9)	JTAG	288K byte	ARM9
STR910FAZ32	STR9 (ARM9)	JTAG	288K byte	ARM9
STR910FM32	STR9 (ARM9)	JTAG	288K byte	ARM9
STR910FW32	STR9 (ARM9)	JTAG	288K byte	ARM9
STR911FAM42	STR9 (ARM9)	JTAG	288K byte	ARM9
STR911FAM44	STR9 (ARM9)	JTAG	544K byte	ARM9
STR911FAM46	STR9 (ARM9)	JTAG	1M+128K byte	ARM9
STR911FAM47	STR9 (ARM9)	JTAG	2M+128K byte	ARM9
STR911FAW42	STR9 (ARM9)	JTAG	288K byte	ARM9
STR911FAW44	STR9 (ARM9)	JTAG	544K byte	ARM9
STR911FAW46	STR9 (ARM9)	JTAG	1M+128K byte	ARM9
STR911FAW47	STR9 (ARM9)	JTAG	2M+128K byte	ARM9
STR911FM42	STR9 (ARM9)	JTAG	288K byte	ARM9
STR911FM44	STR9 (ARM9)	JTAG	544K byte	ARM9
STR912FAW42	STR9 (ARM9)	JTAG	288K byte	ARM9
STR912FAW44	STR9 (ARM9)	JTAG	544K byte	ARM9
STR912FAW46	STR9 (ARM9)	JTAG	1M+128K byte	ARM9
STR912FAW47	STR9 (ARM9)	JTAG	2M+128K byte	ARM9
STR912FAZ42	STR9 (ARM9)	JTAG	288K byte	ARM9

## STMicroelectronics



Device Code	Family	Protocol(s)	Memory Size	Algorithm
STR912FAZ44	STR9 (ARM9)	JTAG	544K byte	ARM9
STR912FAZ46	STR9 (ARM9)	JTAG	1M+128K byte	ARM9
STR912FAZ47	STR9 (ARM9)	JTAG	2M+128K byte	ARM9
STR912FW34	STR9 (ARM9)	JTAG	544K byte	ARM9
STR912FW42	STR9 (ARM9)	JTAG	288K byte	ARM9
STR912FW44	STR9 (ARM9)	JTAG	544K byte	ARM9

## Texas Instruments



Device Code	Family	Protocol(s)	Memory Size	Algorithm
BQ27410	bq274xx	I2C	1K byte	TI_D
BQ27742	bq277xx	I2C	1K byte	TI_D
BQ40Z50R	bq40xxx	I2C	8K byte + 56K byte	TI_D
CC2530F256	CC253x	SPI like	256K byte	TI_C
CC2531F256	CC253x	SPI like	256K byte	TI_C
CC2533F32	CC253x	SPI like	32K byte	TI_C
CC2533F64	CC253x	SPI like	64K byte	TI_C
CC2533F96	CC253x	SPI like	96K byte	TI_C
CC2540F256	CC254x	SPI like	256K bytes	TI_C
CC2541F256	CC254x	SPI like	256K bytes	TI_C
CC2640R2F	CC264	JTAG	128K bytes	FSL_G
LM3S3739	LM3S3000	SWD	128K byte	TI_ARM
CC430F5133	MSP430F	JTAG	8K+512 byte + --	TI_A
CC430F5135	MSP430F	JTAG	16K+512 byte + --	TI_A
CC430F5137	MSP430F	JTAG	32K+512 byte + --	TI_A
MSP430F1101A	MSP430F	JTAG	1K+128 byte	TI_A
MSP430F1111A	MSP430F	JTAG	2K+256 byte	TI_A
MSP430F1121A	MSP430F	JTAG	4K+256 byte	TI_A
MSP430F1122	MSP430F	JTAG	4K+256 byte	TI_A
MSP430F1132	MSP430F	JTAG	8K+256 byte	TI_A
MSP430F122	MSP430F	JTAG	4K+256 byte	TI_A
MSP430F1222	MSP430F	JTAG	4K+256 byte	TI_A
MSP430F123	MSP430F	JTAG	8K+256 byte	TI_A
MSP430F1232	MSP430F	JTAG	8K+256 byte	TI_A
MSP430F133	MSP430F	JTAG	8K+256 byte	TI_A
MSP430F135	MSP430F	JTAG	16K+256 byte	TI_A
MSP430F147	MSP430F	JTAG	32K+256 byte	TI_A
MSP430F1471	MSP430F	JTAG	32K+256 byte	TI_A
MSP430F148	MSP430F	JTAG	48K+256 byte	TI_A
MSP430F1481	MSP430F	JTAG	48K+256 byte	TI_A
MSP430F149	MSP430F	JTAG	60K+256 byte	TI_A

## Texas Instruments



Device Code	Family	Protocol(s)	Memory Size	Algorithm
MSP430F1491	MSP430F	JTAG	60K+256 byte	TI_A
MSP430F155	MSP430F	JTAG	16K+256 byte	TI_A
MSP430F156	MSP430F	JTAG	24K+256 byte	TI_A
MSP430F157	MSP430F	JTAG	32K+256 byte	TI_A
MSP430F1610	MSP430F	JTAG	32K+256 byte	TI_A
MSP430F1611	MSP430F	JTAG	48K+256 byte	TI_A
MSP430F1612	MSP430F	JTAG	55K+256 byte	TI_A
MSP430F167	MSP430F	JTAG	32K+256 byte	TI_A
MSP430F168	MSP430F	JTAG	48K+256 byte	TI_A
MSP430F169	MSP430F	JTAG	60K+256 byte	TI_A
MSP430F2001	MSP430F	JTAG,SBW	1K+256 byte	TI_A
MSP430F2002	MSP430F	JTAG,SBW	1K+256 byte	TI_A
MSP430F2003	MSP430F	JTAG,SBW	1K+256 byte	TI_A
MSP430F2011	MSP430F	JTAG,SBW	2K+256 byte	TI_A
MSP430F2012	MSP430F	JTAG,SBW	2K+256 byte	TI_A
MSP430F2013	MSP430F	JTAG,SBW	2K+256 byte	TI_A
MSP430F2101	MSP430F	JTAG	1K+256 byte	TI_A
MSP430F2111	MSP430F	JTAG	2K+256 byte	TI_A
MSP430F2112	MSP430F	JTAG,SBW	2K+256 byte	TI_A
MSP430F2121	MSP430F	JTAG	4K+256 byte	TI_A
MSP430F2122	MSP430F	JTAG,SBW	4K+256 byte	TI_A
MSP430F2131	MSP430F	JTAG	8K+256 byte	TI_A
MSP430F2132	MSP430F	JTAG,SBW	8K+256 byte	TI_A
MSP430F2232	MSP430F	JTAG,SBW	8K+256 byte	TI_A
MSP430F2234	MSP430F	JTAG,SBW	8K+256 byte	TI_A
MSP430F2252	MSP430F	JTAG,SBW	16K+256 byte	TI_A
MSP430F2254	MSP430F	JTAG,SBW	16K+256 byte	TI_A
MSP430F2272	MSP430F	JTAG,SBW	32K+256 byte	TI_A
MSP430F2274	MSP430F	JTAG,SBW	32K+256 byte	TI_A
MSP430F2274-EP	MSP430F	JTAG,SBW	32K+256 byte	TI_A
MSP430F233	MSP430F	JTAG	8K+256 byte	TI_A
MSP430F2330	MSP430F	JTAG	8K+256 byte	TI_A
MSP430F235	MSP430F	JTAG	16K+256 byte	TI_A
MSP430F2350	MSP430F	JTAG	16K+256 byte	TI_A
MSP430F2370	MSP430F	JTAG	32K+256 byte	TI_A
MSP430F2410	MSP430F	JTAG	56K+256 byte	TI_A
MSP430F2416	MSP430F	JTAG	92K+256 byte	TI_A
MSP430F2417	MSP430F	JTAG	92K+256 byte	TI_A
MSP430F2418	MSP430F	JTAG	116K+256 byte	TI_A
MSP430F2419	MSP430F	JTAG	120K+256 byte	TI_A
MSP430F247	MSP430F	JTAG	32K+256 byte	TI_A
MSP430F2471	MSP430F	JTAG	32K+256 byte	TI_A

## Texas Instruments



Device Code	Family	Protocol(s)	Memory Size	Algorithm
MSP430F248	MSP430F	JTAG	48K+256 byte	TI_A
MSP430F2481	MSP430F	JTAG	48K+256 byte	TI_A
MSP430F249	MSP430F	JTAG	60K+256 byte	TI_A
MSP430F2491	MSP430F	JTAG	60K+256 byte	TI_A
MSP430F2616	MSP430F	JTAG	92K+256 byte	TI_A
MSP430F2617	MSP430F	JTAG	92K+256 byte	TI_A
MSP430F2618	MSP430F	JTAG	116K+256 byte	TI_A
MSP430F2619	MSP430F	JTAG	120K+256 byte	TI_A
MSP430F412	MSP430F	JTAG	4K+256 byte	TI_A
MSP430F413	MSP430F	JTAG	8K+256 byte	TI_A
MSP430F415	MSP430F	JTAG	16K+256 byte	TI_A
MSP430F4152	MSP430F	JTAG	16K +256 byte	TI_A
MSP430F417	MSP430F	JTAG	32K+256 byte	TI_A
MSP430F423	MSP430F	JTAG	8K+256 byte	TI_A
MSP430F425	MSP430F	JTAG	16K+256 byte	TI_A
MSP430F4250	MSP430F	JTAG	16K+256 byte	TI_A
MSP430F4260	MSP430F	JTAG	24K+256 byte	TI_A
MSP430F427	MSP430F	JTAG	32K+256 byte	TI_A
MSP430F4270	MSP430F	JTAG	32K+256 byte	TI_A
MSP430F435	MSP430F	JTAG	16K+256 byte	TI_A
MSP430F4351	MSP430F	JTAG	16K+256 byte	TI_A
MSP430F436	MSP430F	JTAG	24K+256 byte	TI_A
MSP430F4361	MSP430F	JTAG	24K+256 byte	TI_A
MSP430F437	MSP430F	JTAG	32K+256 byte	TI_A
MSP430F4371	MSP430F	JTAG	32K+256 byte	TI_A
MSP430F447	MSP430F	JTAG	32K+256 byte	TI_A
MSP430F448	MSP430F	JTAG	48K+256 byte	TI_A
MSP430F449	MSP430F	JTAG	60K+256 byte	TI_A
MSP430F5242	MSP430F	SBW	64K byte + 512 byte	TI_A
MSP430F5310	MSP430F	JTAG	32K+512 bytes	TI_A
MSP430F5418	MSP430F	JTAG	128K+512 byte	TI_A
MSP430F5418A	MSP430F	JTAG	128K+512 byte	TI_A
MSP430F5419	MSP430F	JTAG	128K+512 byte	TI_A
MSP430F5419A	MSP430F	JTAG	128K+512 byte	TI_A
MSP430F5435	MSP430F	JTAG	192K+512 byte	TI_A
MSP430F5435A	MSP430F	JTAG	192K+512 byte	TI_A
MSP430F5436	MSP430F	JTAG	192K+512 byte	TI_A
MSP430F5436A	MSP430F	JTAG	192K+512 byte	TI_A
MSP430F5437	MSP430F	JTAG	256K+512 byte	TI_A
MSP430F5437A	MSP430F	JTAG	256K+512 byte	TI_A
MSP430F5438	MSP430F	JTAG	256K+512 byte	TI_A
MSP430F5438A	MSP430F	JTAG	256K+512 byte	TI_A

## Texas Instruments



Device Code	Family	Protocol(s)	Memory Size	Algorithm
MSP430F5525	MSP430F	JTAG,SBW	64K byte + 4K byte	TI_A
MSP430F5529	MSP430F	JTAG SBW	128K byte + 8K byte	TI_A
MSP430F6723	MSP430F	JTAG	64K bytes + 512 bytes	TI_A
MSP430F6736	MSP430F	JTAG	128K bytes + 512 bytes	TI_A
MSP430FE423	MSP430F	JTAG	8K+256 byte	TI_A
MSP430FE4232	MSP430F	JTAG	8K+256 byte	TI_A
MSP430FE4242	MSP430F	JTAG	12K+256 byte	TI_A
MSP430FE425	MSP430F	JTAG	16K+256 byte	TI_A
MSP430FE4252	MSP430F	JTAG	16K+256 byte	TI_A
MSP430FE427	MSP430F	JTAG	32K+256 byte	TI_A
MSP430FE4272	MSP430F	JTAG	32K+256 byte	TI_A
MSP430FG437	MSP430F	JTAG	32K+256 byte	TI_A
MSP430FG438	MSP430F	JTAG	48K+256 byte	TI_A
MSP430FG439	MSP430F	JTAG	60K+256 byte	TI_A
MSP430FG4616	MSP430F	JTAG	92K+256 byte	TI_A
MSP430FG4617	MSP430F	JTAG	92K+256 byte	TI_A
MSP430FG4618	MSP430F	JTAG	116K+256 byte	TI_A
MSP430FG4619	MSP430F	JTAG	120K+256 byte	TI_A
MSP430FR5739	MSP430F	JTAG, Spy bi Wire	15.5K byte + 256 bytes	TI_A
MSP430FR58X9	MSP430F	SBW	63K byte + 512 byte	TI_A
MSP430FW423	MSP430F	JTAG	8K+256 byte	TI_A
MSP430FW425	MSP430F	JTAG	16K+256 byte	TI_A
MSP430FW427	MSP430F	JTAG	32K+256 byte	TI_A
MSP430FW428	MSP430F	JTAG	48K byte + 256 byte	TI_A
MSP430G2112	MSP430G	JTAG, SBW	1K byte + 1K byte	TI_A
MSP430G2152	MSP430G	JTAG, SBW	1K byte + 1K byte	TI_A
MSP430G2212	MSP430G	JTAG, SBW	2K byte + 1K byte	TI_A
MSP430G2231	MSP430G	JTAG,SBW	2K byte + 256 byte	TI_A
MSP430G2252	MSP430G	JTAG, SBW	2K byte + 1K byte	TI_A
MSP430G2312	MSP430G	JTAG, SBW	4K byte + 1K byte	TI_A
MSP430G2352	MSP430G	JTAG, SBW	4K byte + 1K byte	TI_A
MSP430G2412	MSP430G	JTAG, SBW	8K byte + 1K byte	TI_A
MSP430G2452	MSP430G	JTAG, SBW	8K byte + 1K byte	TI_A
MSP430G2453	MSP430G	SBW	8K byte + 256 byte	TI_A
MSP430G2553	MSP430G	JTAG,SBW	16K byte + 512 byte	TI_A
MSP430F5132	MSP430I	SBW	64K byte + 1K byte	TI_A
MSP430I2041	MSP430I	SBW	32K byte + 1K byte	TI_A
TM4C1231E6PM	TIVA C	JTAG,SWD	128k bytes	TI_E
TM4C123GH6PZ	TIVA C	JTAG,SWD	256k bytes	TI_E
TM4C129XNCZAD	TIVA C	JTAG,SWD	1024K bytes	TI_E
KLITE23	TMS320	UART	64K Byte	TI_B
KLITE32	TMS320	UART	48K Byte	TI_B

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Device Code	Family	Protocol(s)	Memory Size	Algorithm
TMS320F280041	TMS320	UART	128K bytes	TI_B
TMS320F280049	TMS320	UART, JTAG	2x128K Byte	TI_B
TMS320F2801	TMS320	UART	32K Byte	TI_B
TMS320F2802	TMS320	UART	64K Byte	TI_B
TMS320F28021	TMS320	UART	64K Byte	TI_B
TMS320F28022	TMS320	UART	32K Byte	TI_B
TMS320F28023	TMS320	UART	64K Byte	TI_B
TMS320F28026	TMS320	UART	32K Byte	TI_B
TMS320F28027	TMS320	UART	64K Byte	TI_B
TMS320F28030	TMS320	UART	32K Byte	TI_B
TMS320F28031	TMS320	UART	64K Byte	TI_B
TMS320F28032	TMS320	UART	64K Byte	TI_B
TMS320F28033	TMS320	UART	64K Byte	TI_B
TMS320F28034	TMS320	UART	128K Byte	TI_B
TMS320F28035	TMS320	UART	128K Byte	TI_B
TMS320F2806	TMS320	UART	64K Byte	TI_B
TMS320F28062	TMS320	UART	128K Byte	TI_B
TMS320F2808	TMS320	UART	128K Byte	TI_B
TMS320F2809	TMS320	UART	256K Byte	TI_B
TMS320F2811	TMS320	UART	256K Byte	TI_B
TMS320F28335	TMS320	UART	512K Byte	TI_B
TMS320F28377DP	TMS320	UART	2x512K Byte	TI_B
TMS320LF2401A_30M	TMS320	UART	16K Byte	TI_B
TMS320LF2406A_30M	TMS320	UART	64K Byte	TI_B
TMS320LF2406A_40M	TMS320	UART	64K Byte	TI_B
TMS320LF2407A_40M	TMS320	UART	64K Byte	TI_B
TMS470AVF689	TMS470 (ARM7)	JTAG	384K byte	ARM7
TMS470R1A128	TMS470 (ARM7)	JTAG	128K byte	ARM7
TMS470R1A256	TMS470 (ARM7)	JTAG	256K byte	ARM7
TMS470R1A384	TMS470 (ARM7)	JTAG	384K byte	ARM7
TMS470R1B512	TMS470 (ARM7)	JTAG	512K byte	ARM7
TMS470R1B768	TMS470 (ARM7)	JTAG	768K byte	ARM7
TMS470R1VF336	TMS470 (ARM7)	JTAG	128K	ARM7
TMS470R1VF336A	TMS470 (ARM7)	JTAG	128K byte	ARM7
TMS470R1VF338	TMS470 (ARM7)	JTAG	256K byte	ARM7
TMS470R1VF3388	TMS470 (ARM7)	JTAG	256K byte	ARM7
TMS470R1VF346A	TMS470 (ARM7)	JTAG	128K byte	ARM7
TMS470R1VF348	TMS470 (ARM7)	JTAG	256K byte	ARM7
TMS470R1VF448	TMS470 (ARM7)	JTAG	256K byte	ARM7
TMS470R1VF45AA	TMS470 (ARM7)	JTAG	512K byte	ARM7
TMS470R1VF45BA	TMS470 (ARM7)	JTAG	768K byte	ARM7
TMS470R1VF478	TMS470 (ARM7)	JTAG	288K byte	ARM7

## Texas Instruments



Device Code	Family	Protocol(s)	Memory Size	Algorithm
TMS470R1VF48C	TMS470 (ARM7)	JTAG	1M byte	ARM7
TMS470R1VF4B8	TMS470 (ARM7)	JTAG	256K byte	ARM7
TMS470R1VF55BA	TMS470 (ARM7)	JTAG	768K byte	ARM7
TMS470R1VF55BH	TMS470 (ARM7)	JTAG	768K byte	ARM7
TMS470R1VF67A	TMS470 (ARM7)	JTAG	512K byte	ARM7
TMS470R1VF689	TMS470 (ARM7)	JTAG	384K byte	ARM7
470MF03107	TMS470M	JTAG	320K byte	TMS470M
470MF06607	TMS470M	JTAG	640K byte	TMS470M
570LS0332	TMS570	JTAG	256K bytes + 16 K bytes	TMS570
570LS0432	TMS570	JTAG	384K bytes + 16 K bytes	TMS570
570LS0812	TMS570	JTAG	768K bytes + 16 K bytes	TMS570
570LS10206	TMS570	JTAG	1M byte	TMS570
570LS10216	TMS570	JTAG	1M byte	TMS570
570LS1227	TMS570	JTAG	1,25M bytes	TMS570
570LS2124	TMS570	JTAG	2M bytes + 64 K bytes	TMS570
570LS2125	TMS570	JTAG	2M bytes + 64 K bytes	TMS570
570LS2134	TMS570	JTAG	2M bytes + 64 K bytes	TMS570
570LS2135	TMS570	JTAG	2M bytes + 64 K bytes	TMS570
570LS3134	TMS570	JTAG	3M bytes + 64 K bytes	TMS570
570LS3135	TMS570	JTAG	3M bytes + 64 K bytes	TMS570
UCD3020	UCD30xx	PMBus (I2C)	32K byte + 2K byte	TI_D
UCD3028	UCD30xx	PMBus (I2C)	32K byte + 2K byte	TI_D
UCD3040	UCD30xx	PMBus (I2C)	32K byte + 2K byte	TI_D
UCD3138	UCD30xx	PMBus (I2C)	32K byte + 2K byte	TI_D
UCD9090	UCD30xx	PMBus (I2C)	32K byte + 1K byte	TI_D
UCD3138064	UCD3138x	PMBus (I2C)	64K byte + 2K byte	TI_D
UCD3138A64	UCD3138x	PMBus (I2C)	64K byte + 2K byte	TI_D
UCD3138A64Q	UCD3138x	PMBus (I2C)	64K byte + 2K byte	TI_D

## Toshiba

**TOSHIBA**

Device Code	Family	Protocol(s)	Memory Size	Algorithm
TMP86FS49BFG	TLCS-870/C	UART	60K byte	TSHB_A
TMP89FH42UG	TLCS-870/C1	UART	16K byte	TSHB_A

## Ublox

**winbond**

Device Code	Family	Protocol(s)	Memory Size	Algorithm
UBXM8030	M8(UBX)	UART	--	UBX

**Winbond**


Device Code	Family	Protocol(s)	Memory Size	Algorithm
W25Q128BV	Serial Memories	SPI	128M bit	SERMEM
W25Q128FV	Serial Memories	SPI	128M bit	SERMEM
W25Q16BV	Serial Memories	SPI	16M bit	SERMEM
W25Q16CV	Serial Memories	SPI	16M bit	SERMEM
W25Q16DV	Serial Memories	SPI	16M bit	SERMEM
W25Q16V	Serial Memories	SPI	16M bit	SERMEM
W25Q32BV	Serial Memories	SPI	32M bit	SERMEM
W25Q32FV	Serial Memories	SPI	32M bit	SERMEM
W25Q32JV	Serial Memories	SPI	32M bit	SERMEM
W25Q64CV	Serial Memories	SPI	64M bit	SERMEM
W25Q64FV	Serial Memories	SPI	64M bit	SERMEM
W25Q64JV	Serial Memories	SPI	64M bit	SERMEM
W25Q80BL	Serial Memories	SPI	8M bit	SERMEM
W25Q80BV	Serial Memories	SPI	8M bit	SERMEM
W25X10AL	Serial Memories	SPI	1M bit	SERMEM
W25X10BV	Serial Memories	SPI	1M bit	SERMEM
W25X16A	Serial Memories	SPI	16M bit	SERMEM
W25X20AL	Serial Memories	SPI	2M bit	SERMEM
W25X20BL	Serial Memories	SPI	2M bit	SERMEM
W25X20BV	Serial Memories	SPI	2M bit	SERMEM
W25X40AL	Serial Memories	SPI	4M bit	SERMEM
W25X40BV	Serial Memories	SPI	4M bit	SERMEM
W25X40CL	Serial Memories	SPI	4M bit	SERMEM
W25X80AL	Serial Memories	SPI	8M bit	SERMEM