

∴ Z9NH-D12 Series

2013/12/17 release

Vender	Vendor P/N	Size	Module Spec	Rank	Memory Chip	Register Clock Driver
Samsung	M393B2G70BH0-CK0	16GB	DDR3-1600 ECC/REG CL11	2	Samsung K4B4G0446B-HCK0	IDT SSTE 32882 KA1AKG
Samsung	M393B1G70BH0-CK0	8GB	DDR3-1600 ECC/REG CL11	1	Samsung K4B4G0446B-HCK0	IDT SSTE 32882 KA1AKG
Samsung	M393B5270CH0-CK0	4GB	DDR3-1600 ECC/REG CL11	1	Samsung K4B2G0446C-HCK0	IDT SSTE 32882 HLABAG
ATP	AL56M72A8BKK0S	2GB	DDR3-1600 ECC/REG CL11	1	Samsung K4B2G0846D-HCK0	Inphi INSSTE32882UV-GS02
ATP	AL12M72B8BKH9S	4GB	DDR3-1333 ECC/REG CL9	2	Samsung K4B2G0846C-HCH9	Inphi INSSTE32882LV-GS02
ACTICA	ACT16GLR72T4J1333H	16GB	DDR3-1333 ECC/LR CL9	4	Hynix H5TQ4G43BMR	Inphi iMB02 -GS02A
ACTICA	ACT16GHR72Q4J1066H	16GB	DDR3-1066 ECC/REG CL7	4	Hynix H5TQ4G43BMR-G7	IDT SSTE32882
ACTICA	ACT16GHR72Q4J1066S	16GB	DDR3-1066 ECC/REG CL7	4	Samsung K4B4G0446C-CF8	Inphi INSSTE32882UV
ACTICA	ACT8GHR72Q4H1333	8GB	DDR3-1333 ECC/REG CL9	2	Samsung K4B2G0446D-HYH9	IDT SSTE32882 KA1AKG
ACTICA	ACT8GHR72Q4H1600S	8GB	DDR3-1600 ECC/REG CL11	2	Samsung K4B2G0446C-HCK0	IDT SSTE 32882 HLABAG
ACTICA	ACT8GHR72Q4H1333S	8GB	DDR3-1333 ECC/REG CL9	2	Samsung K4B2G0446D-HCH9	Inphi INSSTE32882UV-GS02
ACTICA	ACT8GHR72Q4H1333S-LV	8GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	2	Samsung K4B2G0446D-HYH9	IDT SSTE 32882 KA1AKG
ACTICA	ACT4GHR72P8H1600M	4GB	DDR3-1600 ECC/REG CL11	2	Micron MT41K256M8DA-125:M	Inphi INSSTE32882UV-GS02
ACTICA	ACT4GHR72P8H1333	4GB	DDR3-1333 ECC/REG CL9	2	Samsung K4B2G0846D-HCH9	IDT SSTE32882 KA1AKG
ACTICA	ACT4GHR72P8H1333S-LV	4GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	2	Samsung K4B2G0846D-HYH9	Inphi INSSTE32882UV-GS02
ACTICA	ACT2GHR72N8H1333H	2GB	DDR3-1333 ECC/REG CL9	1	Hynix H5TQ2G83BFR-H9C	Inphi INSSTE32882-GS04
Hynix	HMT42GR7AFR4A-PBT8	16GB	DDR3-1600 ECC/REG CL11 (Low Power 1.35V)	2	Hynix H5TC4G43AFR-PBA	IDT SSTE 32882 KA1AKG
Hynix	HMT42GR7AFR4A-PBT3	16GB	DDR3-1600 ECC/REG CL11 (Low Power 1.35V)	2	Hynix H5TC4G43AFR-PBA	Inphi INSSTE32882UV-GS02
Hynix	HMT31GR7CFR4C-PBT3	8GB	DDR3-1600 ECC/REG CL11	2	Hynix H5TQ2G43CFR-PBC	Inphi INSSTE32882UV-GS02
Hynix	HMT31GR7CFR4C-PBT8	8GB	DDR3-1600 ECC/REG CL11	2	Hynix H5TQ2G43CFR-PBC	IDT SSTE 32882 KA1AKG
Hynix	HMT31GR7CFR4A-H9T3	8GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	2	Hynix H5TC2G43CFR-H9A	Inphi INSSTE32882UV-GS02
Hynix	HMT31GR7CFR4A-H9T8	8GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	2	Hynix H5TC2G43CFR-H9A	IDT SSTE 32882 KA1AKG
Hynix	HMT41GR7AFR8A-PBT3	8GB	DDR3-1600 ECC/REG CL11 (Low Power 1.35V)	2	Hynix H5TC4G83AFR-PBA	Inphi INSSTE32882UV-GS02

Hynix	HMT41GR7AFR8A-PBT8	8GB	DDR3-1600 ECC/REG CL11 (Low Power 1.35V)	2	Hynix H5TC4G83AFR-PBA	IDT SSTE 32882 KA1AKG
Hynix	HMT31GR7BFR4C-H9D7	8GB	DDR3-1333 ECC/REG CL9	2	Hynix H5TQ2G43BFR-H9C	IDT SSTE 32882 HLBKAG
Hynix	HMT41GR7AFR4C-RDT3	8GB	DDR3-1866 ECC/REG CL13	1	Hynix H5TQ4G43AFR-RDC	Inphi INSSTE32882UV-GS02
Hynix	HMT41GR7AFR4C-RDT8	8GB	DDR3-1866 ECC/REG CL13	1	Hynix H5TQ4G43AFR-RDC	IDT SSTE 32882 KA1AKG
Hynix	HMT351R7CFR8C-PBT3	4GB	DDR3-1600 ECC/REG CL11	2	Hynix H5TQ2G83CFR-PBC	Inphi INSSTE32882UV-GS02
Hynix	HMT351R7CFR4C-PBT8	4GB	DDR3-1600 ECC/REG CL11	1	Hynix H5TQ2G43CFR-PBC	IDT SSTE 32882 KA1AKG
Hynix	HMT351R7CFR4C-PBT3	4GB	DDR3-1600 ECC/REG CL11	1	Hynix H5TQ2G43CFR-PBC	Inphi INSSTE32882UV-GS02
Hynix	HMT351R7CFR8A-H9T3	4GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	2	Hynix H5TC2G83CFR-H9A	Inphi INSSTE32882UV-GS02
Hynix	HMT351R7CFR8A-H9T8	4GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	2	Hynix H5TC2G83CFR-H9A	IDT SSTE 32882 KA1AKG
Hynix	HMT351U7BFR8C-PBT0	4GB	DDR3-1600 ECC/UNB CL11	2	Hynix H5TQ2G83BFR-PBC	
Hynix	HMT351U7CFR8C-PBT0	4GB	DDR3-1600 ECC/UNB CL11	2	Hynix H5TQ2G83CFR-PBC	
Hynix	HMT451U7AFR8A-PBT0	4GB	DDR3-1600 ECC/UNB CL11 (Low Power 1.35V)	1	Hynix H5TC4G83AFR-PBA	
Hynix	HMT125U7TFR8C-H9T0	2GB	DDR3-1333 ECC/UNB CL9	2	Hynix H5TQ1G83TFR-H9C	
Hynix	HMT325U7BFR8C-H9T0	2GB	DDR3-1333 ECC/UNB CL9	1	Hynix H5TQ2G83BFR-H9C	
Apacer	78.B1GEW.AF10C	4GB	DDR3-1600 ECC/REG CL11	2	Hynix H5TQ2G83CFR-PBC	Montage M88SSTE32882H0
Apacer	75.C9BD5.G000B	8GB	DDR3-1600 ECC/REG CL11	2	Samsung K4B2G0446D-HCK0	IDT SSTE 32882 KA1AKG
Apacer	78.C1GEY.AF10C	8GB	DDR3-1600 ECC/REG CL11	2	Hynix H5TQ4G83MFR-PBC	Montage M88SSTE32882H0
Apacer	78.C1GEY.AF10C	8GB	DDR3-1600 ECC/REG CL11	2	Hynix H5TC4G83AFR-PBA	Montage M88SSTE32882H0
Apacer	78.A1GEB.AF20C	2GB	DDR3-1600 ECC/UNB CL11	1	Hynix H5TQ2G83CFR-PBC	
Apacer	75.A83C8.G060C	2GB	DDR3-1333 ECC/UNB CL9	1	Micron MT41K256M8DA-125	
Apacer	78.A1GEB.AF20C	2GB	DDR3-1600 ECC/UNB CL11	2	Hynix H5TC2G83EFR-PBA	
Apacer	78.B1GEB.AF30C	4GB	DDR3-1600 ECC/UNB CL11	2	Hynix H5TQ2G83CFR-PBC	
Apacer	78.B1GEW.AF10C	4GB	DDR3-1600 ECC/REG CL11	2	Hynix H5TC2G83EFR-PBA	Montage M88SSTE32882H0
Apacer	78.B1GFP.AF10C	4GB	DDR3-1600 ECC/REG CL11 (Low Power 1.35V)	2	Hynix H5TC2G83EFR-PBA	Montage M88SSTE32882H0
Apacer	78.B1GH8.ATA0C	4GB	DDR3-1866 ECC/REG CL13	1	Micron MT41K512M8RH-107:E	Montage M88SSTE32882H0
Apacer	78.B1GEB.AF30C	4GB	DDR3-1600 ECC/UNB CL11	2	Hynix H5TC2G83EFR-PBA	
Apacer	78.C1GER.AT30C	8GB	DDR3-1600 ECC/UNB CL11	2	Micron MT41K512M8RA-125:D	

Apacer	78.C1GER.AF30C	8GB	DDR3-1600 ECC/UNB CL11	2	Hynix H5TQ4G83MFR-PBC	
Apacer	78.C1GER.AF30C	8GB	DDR3-1600 ECC/UNB CL11	2	Hynix H5TC4G83AFR-PBA	
Kingston	KVR1600D3D8R11S/4G	4GB	DDR3-1600 ECC/REG CL11	2	Hynix H5TQ2G83CFR-PBC	TI EA32882A
Kingston	KVR16R11S4/4HC	4GB	DDR3-1600 ECC/REG CL11	1	Hynix H5TQ2G43CFR-PBC	TI EA32882A
Kingston	KVR1333D3LD8R9S/4GEC	4GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	2	Elpida J2108ECSE-DJ-F	TI EA32882B
Kingston	KVR13LR9D8/4HC	4GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	2	Hynix H5TC2G83CFR-H9A	TI EB32882A
Kingston	KVR1600D3D4R11S/8G	8GB	DDR3-1600 ECC/REG CL11	2	Hynix H5TQ2G43CFR-PBC	TI EA32882A
Kingston	KVR16R11D4/8HC	8GB	DDR3-1600 ECC/REG CL11	2	Hynix H5TQ2G43CFR-PBC	TI EA32882A
Kingston	KVR1333D3LD4R9S/8GEC	8GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	2	Elpida J2104ECSE-DJ-F	Inphi INSSTE32882LV-GS02
Kingston	KVR1333D3D4R9S/8G	8GB	DDR3-1333 ECC/REG CL9	2	Hynix H5Q2G43BFR-H9C	IDT SSTE 32882 HLBAGK
Kingston	KVR16LR11D4/8HE	8GB	DDR3-1600 ECC/REG CL11 (Low Power 1.35V)	2	Hynix H5TC4G43AFR-PBA	Inphi INSSTE32882UV-GS02
Kingston	KVR16LR11S4/8HA	8GB	DDR3-1600 ECC/REG CL11 (Low Power 1.35V)	1	Hynix H5TC4G43AFR-PBA	Inphi INSSTE32882UV-GS02
Kingston	KVR16LE11/8EF	8GB	DDR3-1600 ECC/UNB CL11 (Low Power 1.35V)	2	Elpida J4208EFBG-GN-F	
Kingston	KVR16LR11D4/16HA	16GB	DDR3-1600 ECC/REG CL11 (Low Power 1.35V)	2	Hynix H5TC4G43AFR-PBA	Inphi INSSTE32882UV-GS02
Kingston	KVR16R11D4/16	16GB	DDR3-1600 ECC/REG CL11	2	Hynix H5TQ4G83MFR-PBC	Inphi INSSTE32882UV-GS02
Kingston	KVR13LR9D4/16HM	16GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	2	Hynix H5TC4G43MFR-H9A	Inphi INSSTE32882UV-GS02
Kingston	KVR13LR9Q4/32	32GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	4	Hynix H5TC8G43MMR-H9A	IDT SSTE32882 KA1AKG8
Kingston	KVR13LL9Q4/32	32GB	DDR3-1333 ECC/LR CL9 (Low Power 1.35V)	4	Elpida J8404E5MB-DJ-F	Inphi iMB02-GS02A
Kingston	KVR1600D3E11S/2G	2GB	DDR3-1600 ECC/UNB CL11	1	Hynix H5TQ2G83CFR-PBC	
Kingston	KVR1600D3E11S/4G	4GB	DDR3-1600 ECC/UNB CL11	2	Hynix H5TQ2G83CFR-PBC	
Kingston	KVR16LE11S8/4EF	4GB	DDR3-1600 ECC/UNB CL11 (Low Power 1.35V)	1	Elpida J4208EFBG-GN-F	
Transcend	TS2GKR72V6Z	16GB	DDR3-1600 ECC/REG CL11	2	Samsung K4B4G0446B-HYK0	IDT SSTE 32882 KA1AKG
Transcend	TS1GKR72V3N	8GB	DDR3-1333 ECC/REG CL9	4	Hynix H5TQ2G83BFR-H9C	Inphi INSSTE32882LV-GS02
Transcend	TS1GKR72W6H	8GB	DDR3-1600 ECC/REG CL11 (Low Power 1.35V)	2	Micron MT41K512M8RH-125:E	Inphi INSSTE32882UV-GS02

Transcend	TS1GKR72W6H	8GB	DDR3-1600 ECC/REG CL11 (Low Power 1.35V)	2	Samsung K4B4G0846B-HYK0	Inphi INSSTE32882UV-GS02
Transcend	TS1GKR72W3H	8GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	2	Samsung K4B4G0846B-HYK0	Inphi INSSTE32882UV-GS02
Transcend	TS1GLK72V6H	8GB	DDR3-1600 ECC/UNB CL11	2	Samsung K4B4G0846B-HYK0	
Transcend	TS1GLK72W6H	8GB	DDR3-1600 ECC/UNB CL11 (Low Power 1.35V)	2	Samsung K4B4G0846B-HYK0	
Transcend	TS512MKR72V3N	4GB	DDR3-1333 ECC/REG CL9	2	Hynix H5TQ2G83CFR-H9C	IDT SSTE 32882 HLABAG
Transcend	TS512MKR72V3N	4GB	DDR3-1333 ECC/REG CL9	2	Micron MT41K256M8DA-125:M	TI EA32882B
Transcend	TS512MKR72V3N	4GB	DDR3-1333 ECC/REG CL9	2	Micron MT41K256M8DA-125:M	Inphi INSSTE32882LV-GS02
Transcend	TS512MKR72W6H	4GB	DDR3-1600 ECC/REG CL11 (Low Power 1.35V)	1	Samsung K4B4G0846B-HYK0	Inphi INSSTE32882UV-GS02
Transcend	TS512MLK72W6H	4GB	DDR3-1600 ECC/UNB CL11 (Low Power 1.35V)	1	Samsung K4B4G0846B-HYK0	
ELPIDA	EBJ40RF4EDWD-DJ-F	4GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	1	Elpida J2104EDBG-DJ-F	IDT SSTE 32882 KA1AKG
ELPIDA	EBJ40RF4EDWM-DJ-F	4GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	1	Elpida J2104EDBG-DJ-F	Montage M88SSTE32882H0
ELPIDA	EBJ81RF4EDWD-DJ-F	8GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	2	Elpida J2104EDBG-DJ-F	IDT SSTE 32882 KA1AKG
ELPIDA	EBJ81RF4EDWM-DJ-F	8GB	DDR3-1333 ECC/REG CL9 (Low Power 1.35V)	2	Elpida J2104EDBG-DJ-F	Montage M88SSTE32882H0
ADATA	HY94C1C18(10321101)	4GB	DDR3-1600 ECC/REG CL11	2	Hynix H5TQ2G83CFR-PBC	Inphi INSSTE32882UV-GS02
ADATA	HY04C1D18(10331060)	8GB	DDR3-1600 ECC/UNB CL11	2	Hynix H5TQ4G83MFR-PBC	
V-Color	TLR32G36CA9VL-Z8	32GB	DDR3-1333 ECC/LR CL9 (Low Power 1.35V)	4	HYNIX H5TC8G43MMR-H9A	Inphi iMB02-GS02A
Micron	MT18KSF1G72PDZ-1G6E1FE	8GB	DDR3-1600 ECC/REG CL11 (Low Power 1.35V)	2	Micron MT41K512M8RH-125:E	Inphi INSSTE32882UV-GS02