

Wireless Receiver Module

Ordering Information

Part Number	Description	Package
H3V3E	H3V3E PCBA,315MHz, OOK Receiver, Comply with FCC	SMD
H3V4F	H3V4F PCBA,433MHz,OOK Receiver, Comply with CE	SMD

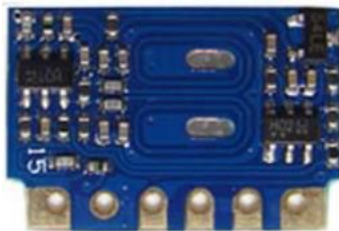
Technical Parameter

Parameter	Value	Remarks
Operation Voltage	2.7 – 4.2Vdc (3.0Vdc Typical)	DC power supply
Operation Current	280uA (Max. 300uA)	Operation voltage=3.0Vdc
Operation Frequency	315, 433.92MHz	Fixed by components
Modulation	OOK	Crystal Oscillator
Receiving Sensitivity	-103dBm	Testing @BER=10-2,1.2Kbps
Data Rate	<10Kbps	1.2/2.4/4.8Kbps
Output Type	Serial data output	Without decoder
Operation Temperature	-25 to +75°C	Null
Dimension	18*12*3mm	2.0mm of pin space
Antenna	24cm(315MHz), 18cm(433.92MHz)	Coil Antenna / Wires

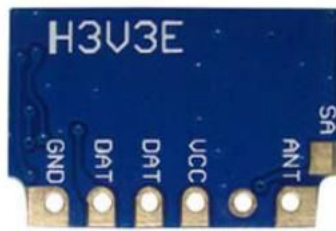
Pin Assignment and Definition

Pin	Symbol	Definition	Usage
1	GND	Ground	Connects to cathode of 3.0V DC power supply
2, 3	DATA	Data Output	Connects to PT2272 decoder or micro controller
4	VCC	Power supply	Connects to positive pole of 3.0V DC power supply
5	NULL	NULL	NULL
6	ANT	Antenna	Standard receiving Antenna
7	SA	Short Antenna	Short Antenna

Pictures



Top View



Bottom View

