

## **317030001 Information**

**Part Number** 317030001

Manufacturer Seeed Technology Co., Ltd

Category RF/IF and RFID

**RF** Transceiver Modules

**Description** BLUETOOTH V4.0 HM-11 BLE MODULE

Package Module

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

## **Certified Quality**

For Reference Only

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# 317030001 Specifications

Manufacturer Part Number         317030001           Manufacturer         Seeed Technology Co., Ltd           Category         RF/IF and RFID           RF Transceiver Modules         RF Transceiver Modules           Package         Module           Series         -           RF Family/Standard         Bluetooth           Protocol         Bluetooth v4.0           Modulation         -           Frequency         2.4GHz           Data Rate         -           Power - Output         0dBm           Sensitivity         -           Serial Interfaces         UART           Antenna Type         Integrated, Trace           Memory Size         -           Voltage - Supply         3.3V           Current - Receiving         8.5mA           Current - Transmitting         15mA           Mounting Type         Surface Mount           Operating Temperature         -40°C ~ 65°C           Package / Case         Module		
Category         RF/IF and RFIID           RF Transceiver Modules           Package         Module           Series         -           RF Family/Standard         Bluetooth           Protocol         Bluetooth v4.0           Modulation         -           Frequency         2.4GHz           Data Rate         -           Power - Output         0dBm           Sensitivity         -           Serial Interfaces         UART           Antenna Type         Integrated, Trace           Memory Size         -           Voltage - Supply         3.3V           Current - Receiving         8.5mA           Current - Transmitting         15mA           Mounting Type         Surface Mount           Operating Temperature         -40°C ~ 65°C           Package / Case         Module	Manufacturer Part Number	317030001
RF Transceiver Modules	Manufacturer	Seeed Technology Co., Ltd
Package         Module           Series         -           RF Family/Standard         Bluetooth           Protocol         Bluetooth v4.0           Modulation         -           Frequency         2.4GHz           Data Rate         -           Power - Output         0dBm           Sensitivity         -           Serial Interfaces         UART           Antenna Type         Integrated, Trace           Memory Size         -           Voltage - Supply         3.3V           Current - Receiving         8.5mA           Current - Transmitting         15mA           Mounting Type         Surface Mount           Operating Temperature         -40°C ~ 65°C           Package / Case         Module	Category	RF/IF and RFID
Series         -           RF Family/Standard         Bluetooth           Protocol         Bluetooth v4.0           Modulation         -           Frequency         2.4GHz           Data Rate         -           Power - Output         0dBm           Sensitivity         -           Serial Interfaces         UART           Antenna Type         Integrated, Trace           Memory Size         -           Voltage - Supply         3.3V           Current - Receiving         8.5mA           Current - Transmitting         15mA           Mounting Type         Surface Mount           Operating Temperature         -40°C ~ 65°C           Package / Case         Module		RF Transceiver Modules
RF Family/Standard Protocol Bluetooth v4.0  Modulation - Frequency 2.4GHz  Data Rate - Power - Output OdBm Sensitivity - Serial Interfaces UART Antenna Type Integrated, Trace Memory Size - Voltage - Supply 3.3V  Current - Receiving Current - Transmitting Mounting Type Surface Mount Operating Temperature -40°C ~ 65°C Package / Case Bluetooth Bluetooth Bluetooth Bluetooth A.0 Bluetooth Package A.0 Bluetooth Bluetooth A.0	Package	Module
Protocol Bluetooth v4.0  Modulation - Frequency 2.4GHz  Data Rate - Power - Output 0dBm  Sensitivity - Serial Interfaces UART  Antenna Type Integrated, Trace  Memory Size - Voltage - Supply 3.3V  Current - Receiving 8.5mA  Current - Transmitting 15mA  Mounting Type Surface Mount  Operating Temperature -40°C ~ 65°C  Package / Case Mount	Series	-
Modulation       -         Frequency       2.4GHz         Data Rate       -         Power - Output       0dBm         Sensitivity       -         Serial Interfaces       UART         Antenna Type       Integrated, Trace         Memory Size       -         Voltage - Supply       3.3V         Current - Receiving       8.5mA         Current - Transmitting       15mA         Mounting Type       Surface Mount         Operating Temperature       -40°C ~ 65°C         Package / Case       Module	RF Family/Standard	Bluetooth
Frequency         2.4GHz           Data Rate         -           Power - Output         0dBm           Sensitivity         -           Serial Interfaces         UART           Antenna Type         Integrated, Trace           Memory Size         -           Voltage - Supply         3.3V           Current - Receiving         8.5mA           Current - Transmitting         15mA           Mounting Type         Surface Mount           Operating Temperature         -40°C ~ 65°C           Package / Case         Module	Protocol	Bluetooth v4.0
Data Rate Power - Output OdBm  Sensitivity - Serial Interfaces UART Antenna Type Integrated, Trace Memory Size - Voltage - Supply 3.3V Current - Receiving Current - Transmitting Mounting Type Surface Mount Operating Temperature Package / Case Module	Modulation	-
Power - Output  Sensitivity  - Serial Interfaces  UART  Antenna Type  Integrated, Trace  Memory Size  - Voltage - Supply  Current - Receiving  Current - Transmitting  Mounting Type  Surface Mount  Operating Temperature  Power - Output  OdaBm  -  OdaBm  -  OBm  Surface  Integrated, Trace  -  8.5mA  Surface  8.5mA  Current - Transmitting  15mA  Mounting Type  Surface Mount  -40°C ~ 65°C  Package / Case  Module	Frequency	2.4GHz
Sensitivity - Serial Interfaces UART Antenna Type Integrated, Trace Memory Size - Voltage - Supply 3.3V Current - Receiving 8.5mA Current - Transmitting 15mA Mounting Type Surface Mount Operating Temperature -40°C ~ 65°C Package / Case Module	Data Rate	-
Serial Interfaces  Antenna Type  Integrated, Trace  Memory Size  -  Voltage - Supply  3.3V  Current - Receiving  8.5mA  Current - Transmitting  15mA  Mounting Type  Surface Mount  Operating Temperature  -40°C ~ 65°C  Package / Case  Module	Power - Output	0dBm
Antenna Type  Memory Size  Voltage - Supply  3.3V  Current - Receiving  Current - Transmitting  Mounting Type  Surface Mount  Operating Temperature  Package / Case  Integrated, Trace  -  Surface  Surface  Module	Sensitivity	-
Memory Size  Voltage - Supply  3.3V  Current - Receiving  8.5mA  Current - Transmitting  15mA  Mounting Type  Surface Mount  Operating Temperature  -40°C ~ 65°C  Package / Case  Module	Serial Interfaces	UART
Voltage - Supply  Current - Receiving  8.5mA  Current - Transmitting  15mA  Mounting Type  Surface Mount  Operating Temperature  -40°C ~ 65°C  Package / Case  Module	Antenna Type	Integrated, Trace
Current - Receiving 8.5mA  Current - Transmitting 15mA  Mounting Type Surface Mount  Operating Temperature -40°C ~ 65°C  Package / Case Module	Memory Size	-
Current - Transmitting  Mounting Type  Surface Mount  Operating Temperature  -40°C ~ 65°C  Package / Case  Module	Voltage - Supply	3.3V
Mounting Type Surface Mount Operating Temperature -40°C ~ 65°C Package / Case Module	Current - Receiving	8.5mA
Operating Temperature $-40^{\circ}\text{C} \sim 65^{\circ}\text{C}$ Package / Case Module	Current - Transmitting	15mA
Package / Case Module	Mounting Type	Surface Mount
	Operating Temperature	-40°C ~ 65°C
Report errors?	Package / Case	Module
		Report errors?

### **317030001 Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## 317030001 Payment Methods





















## 317030001 Shipping Methods













If you have any question about 317030001, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com