

## 450-0053R Information



For Reference Only

**Part Number** [450-0053R](#)  
**Manufacturer** Laird - Embedded Wireless Solutions  
**Category** RF/IF and RFID  
[RF Transceiver Modules](#)  
**Description** RF TXRX MOD BLUETOOTH/WIFI  
**Package** Module  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



[Request a Quote](#)

## Certified Quality

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.



## 450-0053R Specifications

Manufacturer Part Number	<a href="#">450-0053R</a>
Manufacturer	Laird - Embedded Wireless Solutions
Category	RF/IF and RFID <a href="#">RF Transceiver Modules</a>
Package	Module
Series	TiWi5
RF Family/Standard	Bluetooth, WiFi
Protocol	802.11a/b/g/n, Bluetooth v4.0 Dual Mode
Modulation	CCK, GFSK, GMSK, OFDM
Frequency	2.4GHz, 5GHz
Data Rate	65Mbps
Power - Output	18.3dBm
Sensitivity	-97dBm
Serial Interfaces	I2S, SDIO, UART
Antenna Type	Not Included
Memory Size	-
Voltage - Supply	3 V ~ 4.8 V
Current - Receiving	35mA ~ 100mA
Current - Transmitting	43mA ~ 298mA
Mounting Type	Surface Mount
Operating Temperature	-40°C ~ 85°C
Package / Case	Module

[Report errors?](#)

## 450-0053R 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.

## 450-0053R Payment Methods



## 450-0053R Shipping Methods



If you have any question about 450-0053R, please do not hesitate to contact us!

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