

**CC2541F256RHAT Information**


For Reference Only

**Part Number** [CC2541F256RHAT](#)  
**Manufacturer** Texas Instruments  
**Category** RF/IF and RFID  
[RF Transceiver ICs](#)  
**Description** IC RF TXRX+MCU BLUETOOTH 40VFQFN  
**Package** 40-VFQFN Exposed Pad  
 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.


**CC2541F256RHAT Specifications**

Manufacturer Part Number	<a href="#">CC2541F256RHAT</a>
Manufacturer	Texas Instruments
Category	RF/IF and RFID <a href="#">RF Transceiver ICs</a>
Package	40-VFQFN Exposed Pad
Series	-
Type	TxRx + MCU
RF Family/Standard	Bluetooth
Protocol	Bluetooth v4.0
Modulation	GFSK, MSK
Frequency	2.4GHz
Data Rate (Max)	2Mbps
Power - Output	0dBm
Sensitivity	-99dBm
Memory Size	256kB Flash, 8kB RAM
Serial Interfaces	I2C, SPI, USART
GPIO	23
Voltage - Supply	2 V ~ 3.6 V
Current - Receiving	17.9mA ~ 20.2mA
Current - Transmitting	16.8mA ~ 18.2mA
Operating Temperature	-40°C ~ 85°C
Package / Case	40-VFQFN Exposed Pad

[Report errors?](#)

## CC2541F256RHAT 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.

## CC2541F256RHAT Payment Methods



## CC2541F256RHAT Shipping Methods



If you have any question about CC2541F256RHAT, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)