

**CYBL10462-56LQXI Information**


For Reference Only

**Part Number** [CYBL10462-56LQXI](#)  
**Manufacturer** Cypress Semiconductor Corp  
**Category** RF/IF and RFID  
[RF Transceiver ICs](#)  
**Description** IC RF TXRX+MCU BLUETOOTH 56UFQFN  
**Package** 56-UFQFN 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.


**CYBL10462-56LQXI Specifications**

Manufacturer Part Number	<a href="#">CYBL10462-56LQXI</a>
Manufacturer	Cypress Semiconductor Corp
Category	RF/IF and RFID <a href="#">RF Transceiver ICs</a>
Package	56-UFQFN Exposed Pad
Series	-
Type	TxRx + MCU
RF Family/Standard	Bluetooth
Protocol	Bluetooth v4.1
Modulation	GFSK
Frequency	2.4GHz
Data Rate (Max)	1Mbps
Power - Output	3dBm
Sensitivity	-91dBm
Memory Size	128kB Flash, 8kB ROM, 16kB SRAM
Serial Interfaces	I2C, I2S, SPI, UART
GPIO	36
Voltage - Supply	1.8 V ~ 5.5 V
Current - Receiving	16.4mA ~ 21.5mA
Current - Transmitting	12.5mA ~ 20mA
Operating Temperature	-40°C ~ 105°C
Package / Case	56-UFQFN Exposed Pad

[Report errors?](#)

## CYBL10462-56LQXI 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.

## CYBL10462-56LQXI Payment Methods



## CYBL10462-56LQXI Shipping Methods



If you have any question about CYBL10462-56LQXI, please do not hesitate to contact us!

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