

CYBL10161-56LQXI Information


For Reference Only

Part Number [CYBL10161-56LQXI](#)
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


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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.


CYBL10161-56LQXI Specifications

Manufacturer Part Number	CYBL10161-56LQXI
Manufacturer	Cypress Semiconductor Corp
Category	RF/IF and RFID RF Transceiver ICs
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, 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?](#)

CYBL10161-56LQXI 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.

CYBL10161-56LQXI Payment Methods



CYBL10161-56LQXI Shipping Methods



If you have any question about CYBL10161-56LQXI, please do not hesitate to contact us!

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