

**CYRF89235-40LTXC Information**


For Reference Only

**Part Number** [CYRF89235-40LTXC](#)  
**Manufacturer** Cypress Semiconductor Corp  
**Category** RF/IF and RFID  
[RF Transceiver ICs](#)  
**Description** IC RF TXRX+MCU ISM>1GHZ 40-VFQFN  
**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.


**CYRF89235-40LTXC Specifications**

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <a href="#">CYRF89235-40LTXC</a>                     |
| Manufacturer             | Cypress Semiconductor Corp                           |
| Category                 | RF/IF and RFID<br><a href="#">RF Transceiver ICs</a> |
| Package                  | 40-VFQFN Exposed Pad                                 |
| Series                   | PRoC?  |
| Type                     | TxRx + MCU   |
| RF Family/Standard       | General ISM > 1GHZ                                   |
| Protocol                 | -  |
| Modulation               | GFSK   |
| Frequency                | 2.4GHz   |
| Data Rate (Max)          | 12Mbps   |
| Power - Output           | 1dBm   |
| Sensitivity              | -87dBm   |
| Memory Size              | 32kB Flash, 2kB SRAM                                 |
| Serial Interfaces        | I2C, SPI, USB  |
| GPIO                     | 13   |
| Voltage - Supply         | 1.9 V ~ 3.3 V  |
| Current - Receiving      | 18mA   |
| Current - Transmitting   | 13.7mA ~ 18.5mA                                      |
| Operating Temperature    | 0°C ~ 70°C   |
| Package / Case           | 40-VFQFN Exposed Pad                                 |

[Report errors?](#)

## CYRF89235-40LTXC 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.

## CYRF89235-40LTXC Payment Methods



## CYRF89235-40LTXC Shipping Methods



If you have any question about CYRF89235-40LTXC, please do not hesitate to contact us!

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

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