



## CYRF89235-40LTXC Status: In Production

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| CYRF89235-40LTXC           |                                       |
|----------------------------|---------------------------------------|
| Automotive Qualified       | N                                     |
| Application                | Dongles and Nano Dongles              |
| Code Memory Architecture   | Flash                                 |
| I/O Options                | GPIO, SPI Master and Slave, I2C Slave |
| Min. Operating Voltage (V) | 3.15                                  |
| RAM Size (Bytes)           | 2048                                  |
| Min. Operating Temp. (°C)  | 0                                     |
| Max. Operating Temp. (°C)  | 70                                    |
| Range (m)                  | 30                                    |
| Throughput (Kbps)          | 1000                                  |
| No. of I/Os                | 13                                    |
| Code Memory Size (KB)      | 32                                    |
| Max. Operating Voltage (V) | 3.45                                  |

| Pricing & Inventory Availability |                    |                      |                      |
|----------------------------------|--------------------|----------------------|----------------------|
| 1-10 unit Price*                 | 11-100 unit Price* | 101-1000 unit Price* | 1001 + unit Price*   |
| ...                              | ...                | ...                  | ...                  |
| Availability                     | Quantity           | Ships In             | Order Now            |
| ...                              |                    |                      | <input type="text"/> |

| Packaging/Ordering                    |  |
|---------------------------------------|--|
| Package                               | <a href="#">QFN</a>                          |
| No. of Pins                           | 40   |
| Package Dimensions                    | 236.22 L X 39.37 H X 236.22 W (Mils)         |
| Package Weight                        | 95.01 (mgs)                                  |
| Package Cross Section Drawing         | <a href="#">Download</a>                     |
| Package Carrier                       | TRAY   |
| Package Carrier Drawing / Orientation | <a href="#">Drawing, Package Orientation</a> |
| Standard Pack Quantity                | 490  |
| Minimum Order Quantity (MOQ)          | 490  |
| Order Increment                       | 490  |
| Estimated Lead Time (days)            | 42   |
| HTS Code                              | 8542.39.0000                                 |

|             |       |
|-------------|-------|
| ECCN        | 5A991 |
| ECCN Suball | B.1   |

## Quality and RoHS

|                                  |  |
|----------------------------------|--|
| Moisture Sensitivity Level (MSL) | 3  |
| Peak Reflow Temp. (°C)           | 260 ( <a href="#">Cypress Reflow Profile</a> )         |
| RoHS Compliant                   | Y <a href="#">Print RoHS Certificate of Compliance</a> |
| PB Free                          | Y  |
| Lead/Ball Finish                 | Ni/Pd/Au   |
| Marking                          | <a href="#">Cypress Marking Format</a>                 |

### Package Material Declaration

040L-QFN 001-05380 *Last Update: 06/25/2012*

### RoHS Analysis Certificates (CoA)

PACKAGE ROHS ANALYSIS REPORT - QFN (LT32B,40A,48B,56,56B,68) USING MOLD COMPOUND GE7470LA, ADHESIVE QMI519, NIPDAU - CML ASSEMBLYCML *Last Update: 07/04/2012*  
PACKAGE ROHS ANALYSIS REPORT - QFN (LT32B,40A,56,68) USING MOLD COMPOUND G700L, ADHESIVE EN4900G, NIPDAU-AG - ASE TAIWAN ASSEMBLY *Last Update: 07/04/2012*  
LT32 - 001-79788 *Last Update: 06/28/2012*

## Technical Documents

### Application Notes (2)

AN72428 - Schematic Review Checklist for WirelessUSB™ NL *Last Update: 07/02/2013*

AN64285 - WirelessUSB(TM) NL Low Power Radio Recommended Usage and PCB Layout *Last Update: 23/07/2012*

### Product Information Notice (PIN) (1)

PIN135200 *Last Update: 21/03/2013*

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