THE DATASHEET OF

CYRF89535-68LTXC

www.win-source.net 0086-755-83957316

CYRF89535-68LTXC Status: In Production

Alert me about changes to this product

SHARE

Datasheet
Quality and RoHS
Support and Community
Inventory
Technical Documents
Packaging/Ordering
Related Products

CYRF89535-68LTXC

Automotive Qualified	N
Application	Keyboards with capacitive buttons, Wireless trackpads, Touch based remote controllers, Touch based remote controlled toys
Code Memory Architecture	Flash
I/O Options	GPIO, SPI Master and Slave, I2C Slave
Min. Operating Voltage (V)	1.90
RAM Size (Bytes)	2048
Min. Operating Temp. (°C)	0
Max. Operating Temp. (°C)	70
Range (m)	30
Throughput (Kbps)	1000
No. of I/Os	35
Code Memory Size (KB)	32
Max. Operating Voltage (V)	3.60

Pricing & Inventory Availability

1-10 unit Price*	11-100 unit Price*	101-1000 unit Price*	1001 + unit Price*

Availability	Quantity	Ships In	Order Now

* Prices are shown in United States dollars and are for budgetary use only.

Packaging/Ordering

Package	QFN
No. of Pins	68
Package Dimensions	315 L X 35 H X 315 W (Mils)
Package Weight	177.81 (mgs)
Package Cross Section Drawing	Download
Package Carrier	TRAY
Package Carrier Drawing / Orientation	Drawing, Package Orientation
Standard Pack Quantity	260
Minimum Order Quantity (MOQ)	260
Order Increment	260
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 (Cypress Reflow Profile)
RoHS Compliant	Y Print RoHS Certificate of Compliance
PB Free	Y
Lead/Ball Finish	Pure Sn
Marking	**Cypress Marking Format**

Package Material Declaration
68L - QFN 8X8X0.9MM (SAW VERSION) 001-17657 *Last Update: 11/29/2011*

IPC 1752 Material Declaration
QFN 68 - 001-80626 *Last Update: 08/29/2012*
QFN 68 - 001-80628 *Last Update: 08/29/2012*

RoHS Analysis Certificates (CoA)
LT56B - 001-79781 *Last Update: 06/28/2012*
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*

Support and Community

Cypress Developer Community ™
Forums
Blogs
Support
Knowledge Base
Product Training

© 2013 Cypress Semiconductor Corporation. All rights reserved.

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- View CYRF89535-68LTXC on WIN SOURCE
- Infineon Technologies Information

Optimize Your Supply Chain with WIN SOURCE Solutions

- Global Sourcing Solution
- Obsolete Management
- Cost Control Management
- Shortage Management
- Alternative Solution
- Excess Inventory Management