Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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Contact us

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CYRF89535-68LTXC Status: In Production

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Quality and RoHS | Technical Documents | Related Products
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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

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