



Enter Your Keywords

Community

English

Log in

SOLUTIONS

PRODUCTS

DESIGN SUPPORT

BUY & SAMPLE

ABOUT CYPRESS

Home > Products > > CYUSB3324-BVXA

CYUSB3324-BVXA

Status: In Production

Datasheet



English

Chinese

Japanese

File Type: PDF

Updated: Nov 27, 2019

Product Specs

Pricing & Inventory

Packaging/Ordering

Quality and RoHS

Technical Documents

CYUSB3324-BVXA

ACA- Dock	Y
Automotive Qualified	Y
Battery Charging V1.2	Y
Ghost Charge	Y
I/O Options	I2C, GPIO
Max. Operating Temp. (°C)	85
Max. Operating Voltage (V)	3.60
Min. Operating Temp. (°C)	-40
Min. Operating Voltage (V)	3.00
No. of Hub Ports	4
Shared Link	N
Tape & Reel	N

DESIGN SUPPORT

- Development Kits
- Forums
- Knowledge Base
- Packaging
- Product Brochures
- Quality & Reliability
- Samples
- Technical Support
- Technical Training
- Third Party Network (CYPros)

PRICING & INVENTORY AVAILABILITY

1-9 unit Price*	10-24 unit Price*	25-99 unit Price*	100-249 unit Price*	250-999 unit Price*	1000+ unit Price*
\$10.55	\$9.11	\$8.63	\$7.20	\$6.98	\$6.50

Availability	Quantity	Ships In	Buy from Cypress	Buy from Distributors
Out of Stock	0	Please click here to check lead times	Contact Sales	Contact Sales

* Prices are shown in United States dollars and are for budgetary use only for volume of 1ku

PACKAGING/ORDERING

Package	BGA
No. of Pins	100
Package Dimensions	236 L x 1 H x 236 W (Mils)
Package Weight	72.92 (mgs)
Package Cross Section Drawing	Download
Package Carrier	TRAY
Package Carrier Drawing / Orientation	Drawing , Package Orientation
Standard Pack Quantity	429
Minimum Order Quantity (MOQ)	429
Order Increment	429
Estimated Lead Time (days)	126
HTS Code	8542.31.0001
ECCN	(G)
ECCN Suball	5A991

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	Ni/Pd/Au, Pure Sn
Marking	Cypress Marking Format

Package Material Declaration

[100-VFBGA 6X6X1.0MM PB-FREE PACKAGE MATERIAL DECLARATION DATASHEET](#) *Last Update: Jun 15, 2017*

IPC 1752 Material Declaration

[IPC1752 MATERIAL DECLARATION VFBGA100 \(6 X 6 X 1.0 mm\) \(BZ100\)_ASEK \(NON GREEN SUBSTRATE\)_Au WIRE_SnAgCu\(SAC105\)_HENKEL 2025D_KYOCERA KEG2250LKDS](#) *Last Update: Nov 03, 2019*

Device Qualification Reports

FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report.

[QTP# 162111: Automotive HX3 Device Family, LL65-250DI Technology, UMC-12A.pdf](#) *Last Update: Jan 29, 2018*

TECHNICAL DOCUMENTS

Product Change Notice (PCN) (2)

[PCN181402A](#) Aug 05, 2018

[PCN181402](#) Jun 13, 2018



Product Information Notice (PIN) (2)[PIN195102](#) Jan 07, 2020[PIN195102A](#) Dec 21, 2019**SOLUTIONS**

Automotive
Industrial
Consumer

PRODUCTS

Wireless
Microcontrollers (MCUs)
Memory
Universal Serial Bus (USB)
Power Management
Touch Sensing
Clocks & Buffers

DESIGN SUPPORT

Community
Videos
Quality & Reliability
Product Roadmaps

ABOUT US

Investors
Careers

CORPORATE HEADQUARTERS

Cypress Semiconductor Corp.
198 Champion Court
San Jose, CA 95134 USA
Tel: +1-408-943-2600

CUSTOMER SERVICE SUPPORT

+1-800-541-4736
Hours:
8:00AM - 5:00PM (local time)
[Create a MyCase](#)
[Cypress Developer Community](#)

INTERNATIONAL SUPPORT

+1-408-943-2600
United States +1-800-541-4736
Hours:
4:30AM - 1:30PM (pacific time)
7:30PM - 4:30AM (standard time)

OTHER REQUESTS

[Contact Us](#)
[Report a Website Problem](#)



[Report a Security Vulnerability](#)

[ABOUT US](#)

[CAREERS](#)

[INVESTORS](#)

[LEGAL](#)

© Cypress Semiconductor Corporation. All rights reserved.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Infineon:](#)

[CYUSB3324-BVXA](#)