

CYWB0164BB-BZXI  
RoHS  
PB Free

Status: **In Production**  
**Datasheet**



**English**

(pdf, 1.09 MB)   
File Type: PDF  
Updated: Oct 07, 2016

CYWB0164BB-BZXI	
Automotive Qualified	N
Clock Input Frequency (MHz)	19.2, 26, 38.4, 52
Interfaces Supported	SD 2.0, SD 3.0, eMMC 4.3, eMMC 4.4, I2C, I2S, UART, SPI, SDIO, HS-USB, HS/FS/LS OTG
Max. Operating Temp. (°C)	85
Max. Operating Voltage (V)	1.25
Min. Operating Temp. (°C)	-40
Min. Operating Voltage (V)	1.15
Tape & Reel	N

**PRICING & INVENTORY AVAILABILITY**

Availability	Quantity	Ships In	Buy from Cypress	Buy from Distributors
In Stock	40	24-48 hours	Buy	Buy

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

**PACKAGING/ORDERING**

No. of Pins	121
Package Cross Section Drawing	<a href="#">Download</a>
Package Carrier	TRAY
Package Carrier Drawing / Orientation	<a href="#">Package Orientation</a>
Standard Pack Quantity	168
Minimum Order Quantity (MOQ)	168
Order Increment	168
Estimated Lead Time (days)	28
HTS Code	8542.31.0000
ECCN	(A.3)
ECCN Suball	3A991

**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	Sn/Ag/Cu
Marking	<a href="#">Cypress Marking Format</a>

**Device Qualification Reports**  
FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report.  
QTP 98516: LOW VOLTAGE SYNCHRONOUS/ASYNCHRONOUS DUAL PORT SRAM R42D TECHNOLOGY, FAB 4 QUALIFICATION *Last Update: Sep 15, 2016*

**TECHNICAL DOCUMENTS**

**Product Change Notice (PCN) (1)**  
PCN155371 Feb 07, 2016  
Planned Qualification of Spansion Manufacturing Sites for Cypress Products

**Product Information Notice (PIN) (3)**  
PIN170502 : Qualification of Cypress Bangkok as an Additional Test and Finish Site for Select 121 BGA FX3 Products Feb 06, 2017  
Qualification of Cypress Bangkok as an Additional Test and Finish Site for Select 121 BGA FX3 Products  
PIN135200 Feb 05, 2016  
Barcode Inclusion on Cypress Packing List  
PIN145277 Feb 05, 2016  
Changes to Cypress Address Labels

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