



CYATB108LD-ZS45XI Status: **In Production**

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CYATB108LD-ZS45XI	
Automotive Qualified	N
Min. Operating Voltage (V)	2.70
Max. Operating Voltage (V)	3.60
Min. Operating Temp. (°C)	-40
Max. Operating Temp. (°C)	85
Frequency (MHz)	N/A
Temp. Classification	Industrial
Max. Operating VCCQ (V)	3.60
Min. Operating VCCQ (V)	2.70
Speed (ns)	45
Density (Kb)	8192
Organization (X x Y)	1Mb x 8

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	TSOP
No. of Pins	44
Package Dimensions	729 L X 1.05 H X 435 W (Mils)
Package Weight	453.25 (mgs)
Package Cross Section Drawing	Download
Package Carrier	TRAY
Package Carrier Drawing / Orientation	Drawing, Package Orientation
Standard Pack Quantity	135
Minimum Order Quantity (MOQ)	135
Order Increment	135
Estimated Lead Time (days)	49
HTS Code	8542.32.0040
ECCN	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	Pure Sn
Marking	Cypress Marking Format
Package Material Declaration 44L-TSOP II 001-03016 Last Update: 10/25/2012	
IPC 1752 Material Declaration IPC-1752-2_V1.1_TSOP II 44 (STACK DIE)_ASE Last Update: 07/05/2012 IPC-1752-2_V1.1_TSOP II 44_CML_GREEN MC Last Update: 07/04/2012 IPC-1752-2_V1.1_TSOP II 44_PURE SN_OSE Last Update: 07/04/2012	
RoHS Analysis Certificates (CoA) TSOP 28 - 001-79768 Last Update: 06/28/2012 PACKAGE ROHS ANALYSIS REPORT - TSOPII-STACKED DIE (ZW44,54) USING MOLD COMPOUND CEL9200THF, ADHESIVE FH-900, PURE SN - ASE TAIWAN ASSEMBLY Last Update: 07/04/2012 PACKAGE ROHS ANALYSIS REPORT - TSSOP (ZZ 08,14,16,20,24,28,48,56,64) TSOP (ZY32R, 48) (ZB32) (ZT 28,32,48) (ZD32) TSOPII (ZW32,44) USING MOLD COMPOUND CEL9200HF, ADHESIVE 8340, PURE SN - OSE TAIWAN ASSEMBLY Last Update: 07/04/2012	
RoHS Analysis Certificates (CoA) for Direct Materials Please click here	

Technical Documents

Application Notes (52)

[AN74875 - Designing with Serial I2C nvSRAM](#) Last Update: 06/05/2013

[AN106 - Migrating from FM20L08 to FM28V100](#) Last Update: 08/04/2013

[AN214 - Differences between the FM24C16A and FM24C16B](#) Last Update: 05/04/2013

[AN326 - Differences between Grade 1 Versions of the FM25C16A and the FM25C16B](#) Last Update: 05/04/2013

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Product Information Notice (PIN) (1)

[PIN135200](#) Last Update: 21/03/2013

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