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CY14MB064Q2A-SXQ
[RoHS](#)
[PB Free](#)
Status: In Production

Datasheet

English

(pdf, 1.03 MB)

File Type: PDF

Updated: Feb 22, 2016



CY14MB064Q2A-SXQ	
Automotive Qualified	N
Density (Kb)	64
Frequency (MHz)	40
Interface	SPI
Max. Operating Temp. (°C)	105
Max. Operating VCCQ (V)	3.60
Max. Operating Voltage (V)	3.60
Min. Operating Temp. (°C)	-40
Min. Operating VCCQ (V)	2.70
Min. Operating Voltage (V)	2.70
Organization (X x Y)	8Kb x 8
Part Family	Serial nvSRAM
Speed (ns)	0
Tape & Reel	N
Temp. Classification	Industrial(Q)

PRICING & INVENTORY AVAILABILITY

Availability	Quantity	Ships In	Buy from Cypress	Buy from Distributors
In Stock	7	24-48 hours	Contact Sales	Buy

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

PACKAGING/ORDERING	
Package	SOIC
No. of Pins	8
Package Dimensions	193 L x 1.5 H x 150 W (Mils)
Package Weight	76.45 (mgs)
Package Cross Section Drawing	Download
Package Carrier	TUBE
Package Carrier Drawing / Orientation	Drawing , Package Orientation
Standard Pack Quantity	194
Minimum Order Quantity (MOQ)	194
Order Increment	194
Estimated Lead Time (days)	28

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DESIGN SUPPORT

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TRAINING

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ECCN	(B.2.A.)
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	Ni/Pd/Au
Marking	Cypress Marking Format

Package Material Declaration

8L-SOIC Pb-Free Package Material Declaration Datasheet Last Update: Feb 13, 2017

IPC 1752 Material Declaration

IPC1752 MATERIAL DECLARATION SOIC08 (SZ08)- AMKOR PHIL - AU WIRE Last Update: Nov 10, 2016

IPC1752 MATERIAL DECLARATION SOIC 08 (SZ08) - CML - AU WIRE Last Update: Nov 10, 2016

IPC1752 MATERIAL DECLARATION SOIC 08 (SZ08) - OSE - AU WIRE Last Update: Nov 10, 2016

RoHS Analysis Certificates (CoA) for Direct Materials

Please click [here](#)

Device Qualification Reports

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

[QTP 102204: 1MEG \(INDUS\) SERIAL NON-VOLATILE SRAM PRODUCT FAMILY, S8 TECHNOLOGY, CMI \(FAB 4\).pdf](#) Last Update: Sep 15, 2016

TECHNICAL DOCUMENTS
<div><div>Product Change Notice (PCN) (1)</div><div>PCN135221 Feb 08, 2016</div><div>Qualification of Copper Wire Bonds for select Lead Frame Products at Amko Philippines andn Cypress Philippines and transfer of PDIP and PLCC parts from MMT to Amkor</div></div> <div><div>Product Information Notice (PIN) (3)</div><div>PIN135200 Feb 05, 2016</div><div>Barcode Inclusion on Cypress Packing List</div><div>PIN145273 Feb 05, 2016</div><div>Improvement of Cypress Minnesota Back-End-of-Line Integration for 130nm SONOS Product Families</div><div>PIN145277 Feb 05, 2016</div><div>Changes to Cypress Address Labels</div></div>

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OTHER REQUESTS

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