

## 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)

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### PRICING & INVENTORY AVAILABILITY

Availability	Quantity	Ships In	Buy from Cypress	Buy from Distributors
In Stock	7	24-48 hours	<a href="#">Contact Sales</a>	<a href="#">Buy</a>

\* 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	<a href="#">Download</a>
Package Carrier	TUBE
Package Carrier Drawing / Orientation	<a href="#">Drawing , Package Orientation</a>
Standard Pack Quantity	194
Minimum Order Quantity (MOQ)	194
Order Increment	194
Estimated Lead Time (days)	28

ECCN	(B.2.A.)
ECCN Suball	3A991

QUALITY AND ROHS	
Moisture Sensitivity Level (MSL)	3
Peak Reflow Temp. (°C)	260 ( <a href="#">Cypress Reflow Profile</a> )
RoHS Compliant	<a href="#">Y Print RoHS Certificate of Compliance</a>
PB Free	Y
Lead/Ball Finish	Ni/Pd/Au
Marking	<a href="#">Cypress Marking Format</a>
<b>Package Material Declaration</b>	
<a href="#">8L-SOIC Pb-Free Package Material Declaration Datasheet</a> <i>Last Update: Feb 13, 2017</i>	
<b>IPC 1752 Material Declaration</b>	
<a href="#">IPC1752 MATERIAL DECLARATION SOIC08 (SZ08)- AMKOR PHIL - AU WIRE</a> <i>Last Update: Nov 10, 2016</i>	
<a href="#">IPC1752 MATERIAL DECLARATION SOIC 08 (SZ08) - CML - AU WIRE</a> <i>Last Update: Nov 10, 2016</i>	
<a href="#">IPC1752 MATERIAL DECLARATION SOIC 08 (SZ08) - OSE - AU WIRE</a> <i>Last Update: Nov 10, 2016</i>	
<b>RoHS Analysis Certificates (CoA) for Direct Materials</b>	
Please click <a href="#">here</a>	
<b>Device Qualification Reports</b>	
FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report.	
<a href="#">QTP 102204: 1MEG (INDUS) SERIAL NON-VOLATILE SRAM PRODUCT FAMILY, S8 TECHNOLOGY, CMI (FAB 4).pdf</a> <i>Last Update: Sep 15, 2016</i>	

TECHNICAL DOCUMENTS
<b>Product Change Notice (PCN) (1)</b>
<a href="#">PCN135221</a> Feb 08, 2016 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
<b>Product Information Notice (PIN) (3)</b>
<a href="#">PIN135200</a> Feb 05, 2016 Barcode Inclusion on Cypress Packing List
<a href="#">PIN145273</a> Feb 05, 2016 Improvement of Cypress Minnesota Back-End-of-Line Integration for 130nm SONOS Product Families
<a href="#">PIN145277</a> Feb 05, 2016 Changes to Cypress Address Labels

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