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## CY14ME064Q2A-SXQ



Status: In Production

### Datasheet



English

File Type: PDF

Updated: Feb 22, 2016

#### Product Specs

#### Packaging/Ordering

#### Quality and RoHS

#### Technical Documents

#### CY14ME064Q2A-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)	5.50
Min. Operating Temp. (°C)	-40
Min. Operating VCCQ (V)	2.70
Min. Operating Voltage (V)	4.50
Organization (X x Y)	8Kb x 8
Part Family	Serial nvSRAM
Speed (ns)	0
Tape & Reel	N
Temp. Classification	Industrial(Q)

#### DESIGN SUPPORT

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#### Availability

#### Quantity

#### Ships In

#### Buy from Cypress

#### Buy from Distributors

In Stock

150

24-48 hours

[Contact Sales](#)

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\* 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</a> , <a href="#">Package Orientation</a>
Standard Pack Quantity	194
Minimum Order Quantity (MOQ)	194
Order Increment	194
Estimated Lead Time (days)	42
HTS Code	8542.32.0041
ECCN	(B.2.A.)
ECCN Suball	3A991

#### QUALITY AND ROHS

Moisture Sensitivity Level (MSL)	3
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RoHS Compliant	Y Print RoHS Certificate of Compliance
PB Free	Y
Lead/Ball Finish	Ni/Pd/Au
Marking	Cypress Marking Format
<b>Package Material Declaration</b>	
8L-SOIC PB-FREE PACKAGE MATERIAL DECLARATION DATASHEET <i>Last Update: Aug 11, 2017</i>	
<b>IPC 1752 Material Declaration</b>	
IPC1752 MATERIAL DECLARATION SOIC08 (SZ08)- AMKOR PHIL - AU WIRE <i>Last Update: Nov 10, 2016</i>	
IPC1752 MATERIAL DECLARATION SOIC 08 (SZ08) - CML - AU WIRE <i>Last Update: Nov 10, 2016</i>	
IPC1752 MATERIAL DECLARATION SOIC 08 (SZ08) - OSE - AU WIRE <i>Last Update: Nov 10, 2016</i>	
<b>Device Qualification Reports</b>	
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 <i>Last Update: Sep 15, 2016</i>	

<b>TECHNICAL DOCUMENTS</b>
<b>Application Notes (15)</b>
AN200291 - Migrating from I2C nvSRAM to I2C F-RAM™ Aug 22, 2017
AN87209 - OVERVIEW OF NVSRAM I2C I/O SPECS STANDARDIZED BY CYPRESS ACROSS I2C MODES Aug 18, 2017
AN202493 - Migrating from SPI nvSRAM to SPI F-RAM™ Aug 18, 2017
AN72389 - MIGRATING FROM CY14B101P/CY14B512P/CY14B256P TO CY14B101PA/CY14B512PA/CY14B256PA Aug 18, 2017
Show More ▾
<b>Product Change Notice (PCN) (1)</b>
PCN135221 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>
PIN135200 Feb 05, 2016 Barcode Inclusion on Cypress Packing List
PIN145273 Feb 05, 2016 Improvement of Cypress Minnesota Back-End-of-Line Integration for 130nm SONOS Product Families
PIN145277 Feb 05, 2016 Changes to Cypress Address Labels

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