CYPRESS
EMBEDDED IN TOMORROW™

Enter your keywords

CY14MB064Q2A-SXQT
RoHS
PB Free

Status: **In Production**
Datasheet

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English

(pdf, 1.03 MB)
File Type: PDF
Updated: Feb 22, 2016

CY14MB064Q2A-SXQT	
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	Y
Temp. Classification	Industrial(Q)

PRICING & INVENTORY AVAILABILITY

Availability	Quantity	Ships In	Buy from Cypress	Buy from Distributors
Out of Stock	0	Please click here to check lead times	Contact Sales	Contact Sales

* 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	REEL
Package Carrier Drawing / Orientation	Reel Drawing , Tape Drawing , Package Orientation
Standard Pack Quantity	2500
Minimum Order Quantity (MOQ)	2500
Order Increment	2500
Estimated Lead Time (days)	28
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TRAINING

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Webinars

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

Product Change Notice (PCN) (1)

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

Product Information Notice (PIN) (4)

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

PIN145281 Feb 05, 2016
Qualification of New Carrier Tape Supplier at Cypress Philippines

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time)
Create a MyCase

INTERNATIONAL SUPPORT

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7:30PM - 4:30AM
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