

# CY7C1445KV33-250AXC

Status: In Production

## CY7C1445KV33-250AXC

Architecture	Standard Sync, Pipeline DCD
Automotive Qualified	N
Burst Length (Words)	0
Density (Kb)	36864
Density (Mb)	36
Frequency (MHz)	250
Max. Operating Temp. (°C)	70
Max. Operating VCCQ (V)	3.60
Max. Operating Voltage (V)	3.63
Min. Operating Temp. (°C)	0
Min. Operating VCCQ (V)	2.40
Min. Operating Voltage (V)	3.14
Organization (X x Y)	2Mb x 18
Temp. Classification	Commercial

## PACKAGING/ORDERING

Package	<a href="#">TQFP</a>
No. of Pins	100
Package Dimensions	551 L x 1.4 H x 787 W (Mils)
Package Weight	913.01 (mgs)
Package Cross Section Drawing	<a href="#">Download</a>
Package Carrier	TRAY
Package Carrier Drawing / Orientation	<a href="#">Drawing</a> , <a href="#">Package Orientation</a>
Standard Pack Quantity	72
Minimum Order Quantity (MOQ)	72
Order Increment	72
Estimated Lead Time (days)	42
HTS Code	8542.32.0040

ECCN	(B.2.B.)
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
<b>Package Material Declaration</b>	
100L-TQFP 14X20mm PB-FREE PMDD <i>Last Update: May 25, 2015</i>	
<b>IPC 1752 Material Declaration</b>	
IPC-1752-2_V1.1_TQFP 100 14 X 20 MM_ASE <i>Last Update: Jul 05, 2012</i>	
TQFP 100 14 x 20 mm - 001-80194 <i>Last Update: Jun 29, 2012</i>	
TQFP 100 14 x 20 mm - 001-80317 <i>Last Update: Jun 29, 2012</i>	
<b>RoHS Analysis Certificates (CoA)</b>	
TSOP 28 - 001-79768 <i>Last Update: Jun 28, 2012</i>	
ZT48 - 001-79771 <i>Last Update: Jun 28, 2012</i>	
AZ128 - R <i>Last Update: Jun 28, 2012</i>	

#### TECHNICAL DOCUMENTS

<b>Application Notes (2)</b>
AN4017 - Understanding Temperature Specifications: An Introduction Aug 03, 2015
AN4011 - Choosing The Right Cypress Synchronous SRAM Jun 25, 2015

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