

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	TQFP
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	Download
Package Carrier	TRAY
Package Carrier Drawing / Orientation	Drawing , Package Orientation
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
Package Material Declaration	
100L-TQFP 14X20mm PB-FREE PMDD <i>Last Update: May 25, 2015</i>	
IPC 1752 Material Declaration	
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>	
RoHS Analysis Certificates (CoA)	
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

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

Products

Bluetooth Low Energy
 Programmable System-on-Chip
 Universal Serial Bus (USB)
 Memory
 Touch Sensing
 Wireless/RF
 Clocks & Buffers
 Interface
 Spansion Products

Applications

Aerospace & Defense
 Automotive Solutions
 Home Appliance
 Medical
 Consumer Electronics
 Communication & Telecom
 Industrial
 Wireless
 Reference Designs
 Spansion Applications

Design Support

Knowledge Base
 Training
 Workshops
 Video
 Development Kits/Boards
 Quality & Reliability
 RoHS & Green
 Design Partner Program

Buy & Sample

Request Samples
 Buy Devices & Dev. Kits

About Us

Investors
 Careers

Contact Us

Corporate Headquarters:
 Cypress Semiconductor
 198 Champion Court
 San Jose, CA 95134 USA
 Tel: +1-408-943-2600

Customer Service Support:
 +1-800-541-4736
 Hours:
 8:00AM - 5:00PM (local time)
[Create a MyCase](#)

International Support:
 +1-408-943-2600
 United States +1-800-541-4736
 Hours:
 4:30AM - 1:30PM (pacific time)
 7:30PM - 4:30AM (standard time)

Other Requests:
 [Contact Us](#)
 [Customer Care](#)
 [Report a Website Problem](#)