

CY62167GN30-45ZXIT

Status: In Production



CY62167GN30-45ZXIT	
Automotive Qualified	N
Density (Kb)	16384
Frequency (MHz)	N/A
Max. Operating Temp. (°C)	85
Max. Operating VCCQ (V)	3.60
Max. Operating Voltage (V)	3.60
Min. Operating Temp. (°C)	-40
Min. Operating VCCQ (V)	2.20
Min. Operating Voltage (V)	2.20
Organization (X x Y)	1M x 16
Speed (ns)	45
Temp. Classification	Industrial

PACKAGING/ORDERING	
Package	TSOP I
No. of Pins	48
Package Dimensions	472 L x 1.2 H x 787 W (Mils)
Package Weight	568.54 (mgs)
Package Cross Section Drawing	Download
Package Carrier	REEL
Package Carrier Drawing / Orientation	Reel Drawing , Tape Drawing , Package Orientation
Standard Pack Quantity	1000
Minimum Order Quantity (MOQ)	1000
Order Increment	1000
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	Pure Sn
Marking	Cypress Marking Format
Package Material Declaration	
48L-TSOP I PB-FREE PACKAGE MATERIAL DECLARATION DATASHEET (PMDD) <i>Last Update: Oct 21, 2015</i>	
IPC 1752 Material Declaration	
IPC-1752-2_V1.1_TSOP I 48_ASE <i>Last Update: Jul 04, 2012</i>	
RoHS Analysis Certificates (CoA)	
PACKAGE ROHS ANALYSIS REPORT - TSSOP (ZZ08,14,16) TSOP1 (ZT32, 48) TSOPII (ZW32) STSOP (ZB32) TSOPII REVERSE (ZD32) TSOP REVERSE (ZY32) USING MOLD COMPOUND CEL9200HF, ADHESIVE EN4900G, NIPDAU - OSE TAIWAN ASSEMBLY <i>Last Update: Jul 04, 2012</i>	
ZT48 - 001-79771 <i>Last Update: Jun 28, 2012</i>	

TECHNICAL DOCUMENTS
Application Notes (2)
AN88889 - Mitigating Single-Event Upsets Using Cypress's 65-nm Asynchronous SRAM Oct 05, 2015
AN89371 - Power Saving With Cypress's 65-nm Asynchronous PowerSnooze™ SRAM Aug 26, 2015