

CY7C1062GN30-10BGXIT



Status: In Production

Datasheet



File Type: PDF

Updated: Dec 07, 2016

Product Specs

Packaging/Ordering

Quality and RoHS

Technical Documents

CY7C1062GN30-10BGXIT

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)	512K x 32
Part Family	Async Fast SRAMs
Speed (ns)	10
Tape & Reel	Y
Temp. Classification	Industrial

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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	BGA
No. of Pins	119
Package Dimensions	866 L x 2.4 H x 551 W (Mils)
Package Weight	985.75 (mgs)
Package Cross Section Drawing	Download
Package Carrier	REEL
Standard Pack Quantity	500
Minimum Order Quantity (MOQ)	500
Order Increment	500
Estimated Lead Time (days)	49
HTS Code	8542.32.0041
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

Lead/Ball Finish	Sn/Ag/Cu
Marking	Cypress Marking Format
Package Material Declaration	
119 - PBGA (14 X 22 MM) PB-FREE PACKAGE MATERIAL DECLARATION DATASHEET <i>Last Update: Nov 10, 2016</i>	
IPC 1752 Material Declaration	
IPC1752 MATERIAL DECLARATION PBGA 119 (14 X 22 MM) (BG119) - ASE - NONGREEN SUBSTRATE - AU WIRE <i>Last Update: Oct 21, 2016</i>	
Device Qualification Reports	
FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report.	
QTP# 124902 16-mbit asynchronous sram family ull65nm (ll65up-25odr) technology, umc fab 12a.pdf <i>Last Update: Sep 21, 2015</i>	

TECHNICAL DOCUMENTS
Application Notes (1)
AN6081 - Interfacing 90-nm Cypress Asynchronous SRAMs in Legacy Systems Feb 07, 2016

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