

# CY7C1062GN30-10BGXI



Status: In Production

## Datasheet



English



Chinese



Japanese

File Type: PDF

Updated: Dec 03, 2017

### Product Specs

### Packaging/Ordering

### Quality and RoHS

### Technical Documents

#### CY7C1062GN30-10BGXI

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	N
Temp. Classification	Industrial

#### DESIGN SUPPORT

- [Development Kits](#)
- [Forums](#)
- [Knowledge Base](#)
- [Packaging](#)
- [Product Brochures](#)
- [Quality & Reliability](#)
- [Samples](#)
- [Technical Support](#)
- [Technical Training](#)
- [Third Party Network \(CYPros\)](#)

#### TRAINING

- [Workshops](#)
- [Training On-Demand](#)
- [Webinars](#)

#### Availability

#### Quantity

#### Ships In

#### Buy from Cypress

#### Buy from Distributors

In Stock

50

24-48 hours

[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	<a href="#">Download</a>
Package Carrier	TRAY
Package Carrier Drawing / Orientation	<a href="#">Drawing , Package Orientation</a>
Standard Pack Quantity	84
Minimum Order Quantity (MOQ)	84
Order Increment	84
Estimated Lead Time (days)	91
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 ( <a href="#">Cypress Reflow Profile</a> )

RoHS Compliant	Y Print RoHS Certificate of Compliance
PB Free	Y
Lead/Ball Finish	Sn/Ag/Cu
Marking	Cypress Marking Format
<b>Package Material Declaration</b>	
119 - PBGA (14 X 22 MM) PB-FREE PACKAGE MATERIAL DECLARATION DATASHEET <i>Last Update: Nov 10, 2016</i>	
<b>IPC 1752 Material Declaration</b>	
IPC1752 MATERIAL DECLARATION PBGA 119 (14 X 22 MM) (BG119) - ASE - NONGREEN SUBSTRATE - AU WIRE <i>Last Update: Oct 21, 2016</i>	
<b>Device Qualification Reports</b>	
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 18, 2018



**SOLUTIONS**

- Automotive
- Industrial
- Consumer

**PRODUCTS**

- Wireless
- Microcontrollers (MCUs)
- Memory
- Universal Serial Bus (USB)
- Power Management
- Touch Sensing
- Clocks & Buffers

**DESIGN SUPPORT**

- Community
- Videos
- Quality & Reliability
- Product Roadmaps

**CORPORATE HEADQUARTERS**

Cypress Semiconductor Corp.  
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  
Cypress Developer Community

**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
- Report a Website Problem

[ABOUT US](#)

[CAREERS](#)

[INVESTORS](#)



