

CY8C4127AZA-S445



Status: **In Production**

Product Specs	Pricing & Inventory	Packaging/Ordering	Quality and RoHS	Technical Documents
---------------	---------------------	--------------------	------------------	---------------------

CY8C4127AZA-S445	
Development Kit	CY8CKIT-149
Automotive Qualified	Y
Max. Operating Temp. (°C)	85
Max. Operating Voltage (V)	5.50
Min. Operating Temp. (°C)	-40
Min. Operating Voltage (V)	1.71
Tape & Reel	N

PRICING & INVENTORY AVAILABILITY					
1-9 unit Price*	10-24 unit Price*	25-99 unit Price*	100-249 unit Price*	250-999 unit Price*	1000+ unit Price*
Contact Sales					

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	TQFP
No. of Pins	64
Package Dimensions	393 L x 1.4 H x 393 W (Mils)
Package Weight	338.95 (mgs)
Package Cross Section Drawing	Download
Package Carrier	TRAY
Standard Pack Quantity	160
Minimum Order Quantity (MOQ)	160
Order Increment	160
Estimated Lead Time (days)	91
HTS Code	8542.31.0001
ECCN Suball	3A991.A.2

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

IPC 1752 Material Declaration
IPC1752 MATERIAL DECLARATION TQFP64 (10X10 mm) (AZ64)_ASEK_Au WIRE_PURE Sn_HENKEL 8340_HITACHI CEL9200THF Last Update: Oct 30, 2019
Device Qualification Reports
FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report. QTP#183101: AUTOMOTIVE PSoC 4; PSoC4100S PLUS DEVICE FAMILY S8SPF-10P TECHNOLOGY, FAB 25 (CU BEOL INTERCONNECT).pdf Last Update: Apr 15, 2019

TECHNICAL DOCUMENTS
Application Notes (11)

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

AN84858 - PSoC@4 Programming Using an External Microcontroller (HSSP) Jan 19, 2020

AN87391 - PSoC@ 4 Segment LCD Direct Drive Aug 25, 2019

AN86439 - PSoC@ 4 - Using GPIO Pins Aug 23, 2019

AN88619 - PSoC 4 HARDWARE DESIGN CONSIDERATIONS Jun 06, 2019

Show More ▾

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

ABOUT US

Investors

Careers

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
Report a Security Vulnerability

[ABOUT US](#)

[CAREERS](#)

[INVESTORS](#)

[LEGAL](#)



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Cypress Semiconductor:](#)

[CY8C4127AZA-S445](#)