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CY8C4147AZS-S465



Status: In Production

Product Specs

Pricing & Inventory

Packaging/Ordering

Quality and RoHS

Technical Documents

CY8C4147AZS-S465

Development Kit

CY8CKIT-149

Automotive Qualified

Y

Max. Operating Temp. (°C)

105

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
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ABOUT US

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CORPORATE HEADQUARTERS

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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
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