

## CY8C4147AZS-S255



Status: **In Production**

Product Specs	Pricing & Inventory	Packaging/Ordering	Quality and RoHS	Technical Documents
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CY8C4147AZS-S255	
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	<a href="#">Please click here to check lead times</a>	<a href="#">Contact Sales</a>	<a href="#">Contact Sales</a>

\* 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	<a href="#">Download</a>
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
<b>IPC 1752 Material Declaration</b>	
IPC1752 MATERIAL DECLARATION TQFP64 (10X10 mm) (AZ64)_ASEK_Au WIRE_PURE Sn_HENKEL 8340_HITACHI CEL9200THF <i>Last Update: Oct 30, 2019</i>	
<b>Device Qualification Reports</b>	
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 <i>Last Update: Apr 15, 2019</i>	

TECHNICAL DOCUMENTS
<a href="#">Application Notes (11)</a>

DESIGN SUPPORT
<a href="#">Development Kits</a>
<a href="#">Forums</a>
<a href="#">Knowledge Base</a>
<a href="#">Packaging</a>
<a href="#">Product Brochures</a>
<a href="#">Quality &amp; Reliability</a>
<a href="#">Samples</a>
<a href="#">Technical Support</a>
<a href="#">Technical Training</a>
<a href="#">Third Party Network (CYPros)</a>

TRAINING
<a href="#">Workshops</a>
<a href="#">Training On-Demand</a>
<a href="#">Webinars</a>

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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## PRODUCTS

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Touch Sensing  
Clocks & Buffers

## DESIGN SUPPORT

Community  
Videos  
Quality & Reliability  
Product Roadmaps

## ABOUT US

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## CORPORATE HEADQUARTERS

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San Jose, CA 95134 USA  
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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  
United States +1-800-541-4736  
Hours:  
4:30AM - 1:30PM (pacific time)  
7:30PM - 4:30AM (standard time)

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