

## CY8C4147AZS-S255T



Status: **In Production**

Product Specs		Pricing & Inventory		Packaging/Ordering		Quality and RoHS		Technical Documents	
<b>CY8C4147AZS-S255T</b>						<b>DESIGN SUPPORT</b>			
Development Kit		CY8CKIT-149				Development Kits			
Automotive Qualified		Y				Forums			
Max. Operating Temp. (°C)		105				Knowledge Base			
Max. Operating Voltage (V)		5.50				Packaging			
Min. Operating Temp. (°C)		-40				Product Brochures			
Min. Operating Voltage (V)		1.71				Quality & Reliability			
Tape & Reel		Y				Samples			
<b>PRICING &amp; INVENTORY AVAILABILITY</b>						Technical Support			
1-9 unit Price*	10-24 unit Price*	25-99 unit Price*	100-249 unit Price*	250-999 unit Price*	1000+ unit Price*	Technical Training			
Contact Sales						Third Party Network (CYPros)			
<b>Availability</b>	<b>Quantity</b>	<b>Ships In</b>		<b>Buy from Cypress</b>	<b>Buy from Distributors</b>	<b>TRAINING</b>			
Out of Stock	0	Please click <a href="#">here</a> to check lead times		Contact Sales	Contact Sales	Workshops			
<b>PACKAGING/ORDERING</b>						Training On-Demand			
Package		TQFP				Webinars			
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		REEL							
Standard Pack Quantity		1500							
Minimum Order Quantity (MOQ)		1500							
Order Increment		1500							
Estimated Lead Time (days)		91							
HTS Code		8542.31.0001							
ECCN Suball		3A991 A.2							
<b>QUALITY AND ROHS</b>									
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>									
<b>TECHNICAL DOCUMENTS</b>									
Application Notes (11)									

\* Prices are shown in United States dollars and are for budgetary use only for volume of 1ku

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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## CUSTOMER SERVICE SUPPORT

+1-800-541-4736  
Hours:  
8:00AM - 5:00PM (local time)  
Create a MyCase  
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## INTERNATIONAL SUPPORT

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