

CY8C4147AZS-S475T



Status: **In Production**

Product Specs		Pricing & Inventory		Packaging/Ordering		Quality and RoHS		Technical Documents	
CY8C4147AZS-S475T						DESIGN SUPPORT			
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			
PRICING & INVENTORY AVAILABILITY						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*	
Contact Sales						Technical Training			
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						TRAINING			
PACKAGING/ORDERING						Workshops			
Package		TQFP				Training On-Demand			
No. of Pins		64				Webinars			
Package Dimensions		393 L x 1.4 H x 393 W (Mils)							
Package Weight		338.95 (mgs)							
Package Cross Section Drawing		Download							
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							
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)									

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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