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CY8C4126AZS-S455T





Status: In Production

Product Specs	Pricing & Inventory	Packaging/Ordering	Quality and RoHS
CY8C4126AZS-S455T			
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	Y		

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	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	Υ
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

 ${\it FIT/MTBF, ESD (HBM/CDM)} \ and \ Latch-up \ data \ available \ in \ the \ Device \ Qualification \ Report.$

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)		

Technical Documents

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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	Power Management		
	Touch Sensing		
	Clocks & Buffers		

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 United States +1-800-541-4736 Hours: 4:30AM - 1:30PM (pacific time) 7:30PM - 4:30AM (standard time)

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Authorized Distributor

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