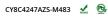


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Status:	In	Production

Product Specs Pricing	& inventory	Packaging/Ordering	Quality and RoHS	Technical Documents
CY8C4247AZS-M483				DESIGN SUPPORT
Automotive Qualified	Υ			
CPU Core	ARM Cortex-M	0		Development Kits
CapSense	Y			Forums
Dedicated ADC (#Max Resolution @ Sample Rate)	SAR (1, 12-bit @	1 msps)		Knowledge Base
EEPROM (KB)	0			Packaging
Flash (KB)	128			Product Brochures
JTAG and Si ID	0x11E5			Quality & Reliability
LCD Direct Drive	Y			Samples
Max. Operating Frequency (MHz)	48			Technical Support
Max. Operating Temp. (°C)	105			Technical Training
Max. Operating Voltage (V)	5.50			Third Party Network (CYPros)
Min. Operating Temp. (°C)	-40			mind Party NetWork (CTPTOS)
Min. Operating Voltage (V)	1.71			
No. of CAN Controllers	2			
No. of Continuous Time Blocks	2			TRAINING
No. of DMA Channels	8			
No. of Dedicated Comparators	2			Workshops
No. of Dedicated Timer/Counter/PWM Blocks	8			Training On-Demand
No. of GPIOs	38			Webinars
No. of Op Amps	4			
No. of SIO	0			
No. of Serial Communication Blocks	4			
No. of USB IO	0			
No. of Universal Analog Blocks	0			
No. of Universal Digital Blocks	4			
PLL	N			
SRAM (KB)	16			
Series	PSoC 4200M			
Tape & Reel	N			
USB (Type)	None			

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	44
Package Dimensions	275 L x 1.4 H x 275 W (Mils)
Package Cross Section Drawing	Download
Package Carrier	TRAY
Standard Pack Quantity	250
Minimum Order Quantity (MOQ)	250
Order Increment	250
Estimated Lead Time (days)	91
HTS Code	8542.31.0001
ECCN	(A3)
ECCN Suball	3A991.A.3

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	Ni/Pd/Au	
Marking	Cypress Marking Format	

TIT/ATTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report.

OTP8162707: AUTOMOTIVE PSoC 4100M and PSoC 4200M DEVICE FAMILY S8PFHD-10P, FAB25 (AL BEOL INTERCONNECT).pdf Last Update: Mar 06, 2019

TECHNICAL DOCUMENTS

Application Notes (17)

ANBASSAS - RSCORD Programming Using an External Microcontroller (HSSP) Jan 19, 2020

ANBASSAS - PSCORD A Sensoriess Field-Oriented Control (FOC) Dec 30, 2019 Jan 19, 2020

ANBASSAS - FSCORD J. PSCOC 4, and HSCOS SLP - Designing PScC Creator** Components With UDB Datapaths Oct 02, 2019

ANBASSAS - FSCORD ANBASSAS - PSCORD ANBASSAS - PSCORD CREATER - PSCO

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7:30PM - 4:30AM (standard time)

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MB96F001YBPMC1-GSE1 MB9BF121KPMC-G-JNE2 VA10800-D000003PCA CP8547AT CY9AF156NPMC-G-JNE2
MB9BF104NAPMC-G-JNE1 NHS3152UK/A1Z MK26FN2M0CAC18R EFM32TG230F32-D-QFN64 EFM32TG232F32-D-QFP64
EFM32TG825F32-D-BGA48 MB9AFB44NBBGL-GE1 MB9BF304RBPMC-G-JNE2 MB9BF416RPMC-G-JNE2 MB9AF155MABGL-GE1
MB9BF306RBPMC-G-JNE2 MB9BF618TBGL-GE1 ATSAMS70N21A-CN LPC1754FBD80 STM32F030K6T6TR AT91M42800A-33AU
ATSAM3N0AA-MU ATSAM3N0CA-CU ATSAM3SD8BA-MU ATSAM4LC2BA-UUR ATSAM4LS2AA-MU ADuC7023BCPZ62I-R7
ATSAM4LS4CA-CFU ADUCM3027BCPZ-R7 ADUCM3027BCPZ-RL ADUCM3029BCPZ-R7 LPC2141FBD64.151 CEC1702Q-B1-SX
ADUC7020BCPZ62IRL7 TMS5701114CZWTQQ1 TM4C123AE6PMIR S6E2H14G0AGV20000 ATSAMD20J15B-AU ATSAMD20J16B-MN ATSAMV71N20B-CB