

## CY8C4247LWA-M484

Status: In Production



Product Specs	Pricing & Inventory	Packaging/Ordering	Quality and RoHS	Technical Documents
<b>CY8C4247LWA-M484</b>				<b>DESIGN SUPPORT</b>
Automotive Qualified	Y			Development Kits
CPU Core		ARM Cortex-M0		Forums
CapSense	Y			Knowledge Base
Dedicated ADC (#Max Resolution @ Sample Rate)		SAR (1, 12-bit @ 1 msp/s)		Packaging
EEPROM (KB)	0			Product Brochures
Flash (KB)	128			Quality & Reliability
JTAG and SI ID		0x11A8		Samples
LCD Direct Drive	Y			Technical Support
Max. Operating Frequency (MHz)	48			Technical Training
Max. Operating Temp. (°C)	85			Third Party Network (CYPros)
Max. Operating Voltage (V)	5.50			
Min. Operating Temp. (°C)	-40			
Min. Operating Voltage (V)	1.71			
No. of CAN Controllers	2			
No. of Continuous Time Blocks	2			
No. of DMA Channels	8			
No. of Dedicated Comparators	2			
No. of Dedicated Timer/Counter/PWM Blocks	8			
No. of GPIOs	48			
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	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	QFN
No. of Pins	56
Package Dimensions	315 L x 39.4 H x 314 W (Mils)
Package Cross Section Drawing	Download
Package Carrier	TRAY
Standard Pack Quantity	260
Minimum Order Quantity (MOQ)	260
Order Increment	260
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	Y
Lead/Ball Finish	Ni/Pd/Au
Marking	Cypress Marking Format

**Device Qualification Reports**  
 FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report.  
 QTP#162707: AUTOMOTIVE PSoC 4100M and PSoC 4200M DEVICE FAMILY SBPHD-10P, FAB25 (AL BEOL INTERCONNECT).pdf *Last Update: Mar 06, 2019*

TECHNICAL DOCUMENTS	
<b>Application Notes (17)</b>	
AN84858 - PSoC@4 Programming Using an External Microcontroller (HSSP) Jan 19, 2020	
AN93637 - PSoC@ 4 Sensorless Field-Oriented Control (FOC) Dec 30, 2019	
AN82156 - PSoC@ 3, PSoC 4, and PSoC SLP - Designing PSoC Creator™ Components With UDB Datapaths Oct 02, 2019	
AN82250 - PSoC Creator - Implementing Programmable Logic Designs with Verilog Sep 22, 2019	
<a href="#">Show More</a>	

### SOLUTIONS      PRODUCTS      DESIGN SUPPORT      ABOUT US

- |            |                            |                       |           |
|------------|----------------------------|-----------------------|-----------|
| Automotive | Wireless                   | Community             | Investors |
| Industrial | Microcontrollers (MCUs)    | Videos                | Careers   |
| Consumer   | Memory                     | Quality & Reliability |           |
|            | Universal Serial Bus (USB) | Product Roadmaps      |           |
|            | Power Management           |                       |           |
|            | Touch Sensing              |                       |           |
|            | Clocks & Buffers           |                       |           |

<b>CORPORATE HEADQUARTERS</b> Cypress Semiconductor Corp. 198 Champion Court San Jose, CA 95134 USA Tel: +1-408-943-2600	<b>CUSTOMER SERVICE SUPPORT</b> +1-800-541-4736 Hours: 8:00AM - 5:00PM (local time) Create a MyCase Cypress Developer Community	<b>INTERNATIONAL SUPPORT</b> +1-408-943-2600 United States +1-800-541-4736 Hours: 4:30AM - 1:30PM (pacific time) 7:30PM - 4:30AM (standard time)	<b>OTHER REQUESTS</b> <a href="#">Contact Us</a> <a href="#">Report a Website Problem</a> <a href="#">Report a Security Vulnerability</a>
--	--	---	--



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [ARM Microcontrollers - MCU category](#):*

*Click to view products by [Cypress manufacturer](#):*

Other Similar products are found below :

[R7FS3A77C2A01CLK#AC1](#) [MB96F119RBPMC-GSE1](#) [MB9BF122LPMC1-G-JNE2](#) [MB9BF122LPMC-G-JNE2](#) [MB9BF128SAPMC-GE2](#)  
[MB9BF218TBGL-GE1](#) [MB9BF529TBGL-GE1](#) [26-21/R6C-AT1V2B/CT](#) [5962-8506403MQA](#) [MB9AF342MAPMC-G-JNE2](#)  
[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](#)