

CY8C6347BZI-BLD53



Part Number: [CY8C6347BZI-BLD53](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC DUAL CORE MCU 32BIT 1M 116BGA

Data sheet:  [PSoC® 6 MCU: PSoC 63 with BLE](#)

RoHs Status: Lead free / RoHS Compliant

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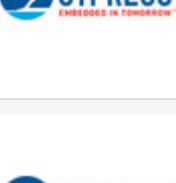
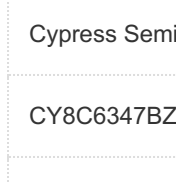
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PRODUCT PARAMETER			
Part Number	CY8C6347BZI-BLD53	Manufacturer	Cypress Semiconductor
Description	IC DUAL CORE MCU 32BIT 1M 116BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	9432 pcs	Data sheet	PSoC® 6 MCU: PSoC 63 with BLE
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.7 V ~ 3.6 V
Supplier Device Package	116-BGA (5.2x6.4)	Speed	100MHz/150MHz
Series	PSoC® 6 BLE	RAM Size	288K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	Bluetooth, Brown-out Detect/Reset, Cap Sense, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	116-WFBGA	Other Names	428-4525
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	78	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	15 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	32K x 8	Detailed Description	ARM® Cortex®-M4/M0 PSoC® 6 BLE Microcontroller IC 32-Bit Dual-Core 100MHz/150MHz 1MB (1M x 8) FLASH 116-BGA (5.2x6.4)
Data Converters	A/D 8x12b, D/A 1x12b	Core Size	32-Bit Dual-Core
Core Processor	ARM® Cortex®-M4/M0	Connectivity	I ² C, LINbus, QSPI, SPI, UART/USART, USB

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