



Cypress Semiconductor



CY8C6347BZI-BLD43

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C6347BZI-BLD43                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                   |
| Product description | IC DUAL CORE MCU 32BIT 1M 116BGA                                                                                        |
| Datasheets:         |  <a href="#">CY8C6347BZI-BLD43.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

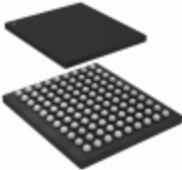
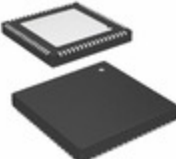
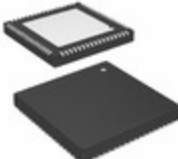
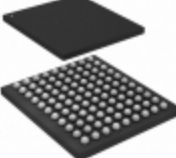
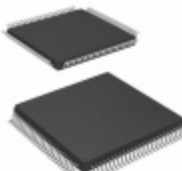
Specifications of CY8C6347BZI-BLD43

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C6347BZI-BLD43                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                     |
| DESCRIPTION                      | IC DUAL CORE MCU 32BIT 1M 116BGA                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| DATA SHEET                       |  <a href="#">CY8C6347BZI-BLD43.pdf</a> |
| 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, I²S, POR, PWM, WDT                                                     |
| PACKAGING                        | Tray                                                                                                                      |
| PACKAGE / CASE                   | 116-WFBGA                                                                                                                 |
| OTHER NAMES                      | 428-4526                                                                                                                  |
| 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                     | I²C, LINbus, QSPI, SPI, UART/USART, USB                                                                                   |

Related Tags

|                                         |                                              |                                             |
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| Cypress Semiconductor CY8C6347BZI-BLD43 | CY8C6347BZI-BLD43 Distributor                | CY8C6347BZI-BLD43 Supplier                  |
| CY8C6347BZI-BLD43 Price                 | CY8C6347BZI-BLD43 Pictures                   | CY8C6347BZI-BLD43 Image                     |
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| Cypress Semiconductor CY8C6347BZI-BLD43 | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor CY8C6347BZI-BLD43 | Cypress Semiconductor Corp CY8C6347BZI-BLD43 |                                             |

Related Products

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| <div></div> <div><b>CY8C6247FDI-D32T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC DUAL CORE MCU 32BIT 1M 80WLCS<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>CY8C5888FNI-LP214T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 99WLCSP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>CY8C9520A-24PVXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC I/O EXPANDER I2C 20B 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>CY8C6347BZI-BLD33</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC DUAL CORE MCU 32BIT 1M 116BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>CY8C5888LTI-LP097</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>CY8C5888LTQ-LP097</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: 40 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>CY8C5888FNI-LP210T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 99WLCSP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>CY8C9560A-24AXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC I/O EXPANDER I2C 60B 100LQFP<br/>In stock: 362 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>CY8C9520A-24PVXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC I/O EXPANDER I2C 20B 28SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>CY8C9540A-24PVXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC I/O EXPANDER I2C 40B 48SSOP<br/>In stock: 932 pcs<br/><div>RFQ</div></div>       |
| <div></div> <div><b>CY8C6347BZI-BLD53</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC DUAL CORE MCU 32BIT 1M 116BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>CY8C9540A-24PVXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC I/O EXPANDER I2C 40B 48SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |