



Cypress Semiconductor



CY8C6247FDI-D32T

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C6247FDI-D32T                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                  |
| Product description | IC DUAL CORE MCU 32BIT 1M 80WLCS                                                                                       |
| Datasheets:         |  <a href="#">CY8C6247FDI-D32T.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 14360 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

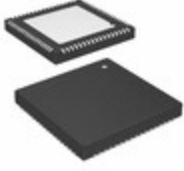
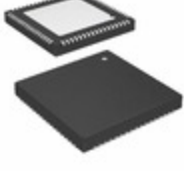
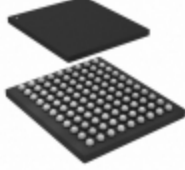
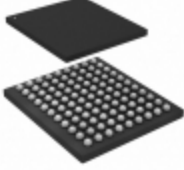
Specifications of CY8C6247FDI-D32T

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C6247FDI-D32T                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                    |
| DESCRIPTION                      | IC DUAL CORE MCU 32BIT 1M 80WLCS                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 14360 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">CY8C6247FDI-D32T.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.7 V ~ 3.6 V                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 80-WLCSP (3.68x3.19)                                                                                                     |
| SPEED                            | 100MHz/150MHz                                                                                                            |
| SERIES                           | PSoC® 6                                                                                                                  |
| RAM SIZE                         | 288K x 8                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                    |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, Cap Sense, DMA, I²S, POR, PWM, WDT                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                   | 80-XFBGA, WLCSP                                                                                                          |
| OTHER NAMES                      | 428-4528-2                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                        |
| NUMBER OF I/O                    | 62                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| EEPROM SIZE                      | 32K x 8                                                                                                                  |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4/M0 PSoC® 6 Microcontroller IC 32-Bit Dual-Core 100MHz/150MHz 1MB (1M x 8) FLASH 80-WLCSP (3.68x3.19)     |
| 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

|                                        |                                             |                                            |
|----------------------------------------|---------------------------------------------|--------------------------------------------|
| Cypress Semiconductor CY8C6247FDI-D32T | CY8C6247FDI-D32T Distributor                | CY8C6247FDI-D32T Supplier                  |
| CY8C6247FDI-D32T Price                 | CY8C6247FDI-D32T Pictures                   | CY8C6247FDI-D32T Image                     |
| CY8C6247FDI-D32T PDF Datasheet         | CY8C6247FDI-D32T Download Datasheet         | CY8C6247FDI-D32T Datasheet                 |
| CY8C6247FDI-D32T Stock                 | Buy CY8C6247FDI-D32T                        | Buy Cypress Semiconductor CY8C6247FDI-D32T |
| Cypress Semiconductor CY8C6247FDI-D32T | Cypress Semiconductor Supplier              | Cypress Semiconductor Distributor          |
| Cypress Semiconductor CY8C6247FDI-D32T | Cypress Semiconductor Corp CY8C6247FDI-D32T |                                            |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
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| <div><div><b>CY8C9540A-24PVXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC I/O EXPANDER I2C 40B 48SSOP<br/>In stock: 15385 pcs</div><div>RFQ</div></div>    | <div><div><b>CY8C9520A-24PVXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC I/O EXPANDER I2C 20B 28SSOP<br/>In stock: 26147 pcs</div><div>RFQ</div></div>    |
| <div><div><b>CY8C6347BZI-BLD53</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC DUAL CORE MCU 32BIT 1M 116BGA<br/>In stock: 7109 pcs</div><div>RFQ</div></div>  | <div><div><b>CY8C5888LTQ-LP097</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: 5302 pcs</div><div>RFQ</div></div>    |
| <div><div><b>CY8C5888AXQ-LP096</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 4223 pcs</div><div>RFQ</div></div>  | <div><div><b>CY8C6347BZI-BLD43</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC DUAL CORE MCU 32BIT 1M 116BGA<br/>In stock: 7553 pcs</div><div>RFQ</div></div>  |
| <div><div><b>CY8C6347BZI-BLD33</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC DUAL CORE MCU 32BIT 1M 116BGA<br/>In stock: 7616 pcs</div><div>RFQ</div></div>  | <div><div><b>CY8C5888AXI-LP096</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 100TQFP<br/>In stock: 5109 pcs</div><div>RFQ</div></div>  |
| <div><div><b>CY8C9520A-24PVXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC I/O EXPANDER I2C 20B 28SSOP<br/>In stock: 27545 pcs</div><div>RFQ</div></div>   | <div><div><b>CY8C5888LTI-LP097</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 68QFN<br/>In stock: 5405 pcs</div><div>RFQ</div></div>    |
| <div><div><b>CY8C5888FNI-LP214T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 99WLCSP<br/>In stock: 7702 pcs</div><div>RFQ</div></div> | <div><div><b>CY8C5888FNI-LP210T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 32BIT 256KB FLASH 99WLCSP<br/>In stock: 7998 pcs</div><div>RFQ</div></div> |