

CY8C4245LTI-M445



Part Number:

CY8C4245LTI-M445

Manufacturer:

Cypress Semiconductor

Description:

IC MCU 32BIT 32KB FLASH 68QFN

Data sheet:

 [PSoC 4200M Family](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

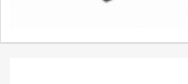
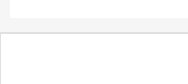
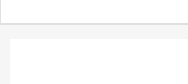
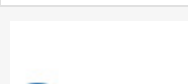
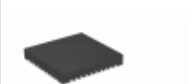
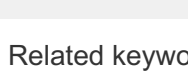
Shipment Way:

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                        |                                  |                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CY8C4245LTI-M445                                                       | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 32BIT 32KB FLASH 68QFN                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 40102 pcs                                                              | Data sheet                       | <a href="#">PSoC 4200M Family</a>                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                              | Voltage - Supply (Vcc/Vdd)       | 1.71 V ~ 5.5 V                                                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 68-QFN (8x8)                                                           | Speed                            | 48MHz                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PSOC® 4 CY8C42xx - M                                                   | RAM Size                         | 4K x 8                                                                                                 |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                                  | Program Memory Size              | 32KB (32K x 8)                                                                                         |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brown-out Detect/Reset, Cap Sense, LCD, LVD, POR, PWM, SmartSense, WDT | Packaging                        | Tray                                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 68-VFQFN Exposed Pad                                                   | Other Names                      | 428-3667                                                                                               |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                                               | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                      |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 55                                                                     | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                          |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15 Weeks                                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                             |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                                      | Detailed Description             | ARM® Cortex®-M0 PSOC® 4 CY8C42xx - M Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 68-QFN (8x8) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A/D 8x12b                                                              | Core Size                        | 32-Bit                                                                                                 |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ARM® Cortex®-M0                                                        | Connectivity                     | I²C, IrDA, LINbus, Microwire, SmartCard, SPI, SSP, UART/USART                                          |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                      |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">CY8C4245PVA-482</a><br>Description: IC MCU 32BIT 32KB FLASH 28SSOP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4246AZI-L423</a><br>Description: IC MCU 32BIT 64KB FLASH TQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245LTI-DM405T</a><br>Description: IC MCU 32BIT 32KB FLASH 68QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245PVA-482ZT</a><br>Description: PSOC4                            | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4246AXI-M445</a><br>Description: IC MCU 32BIT 64KB FLASH 64TQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245AZI-M443</a><br>Description: IC MCU 32BIT 32KB FLASH 48TQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245PVI-DS402</a><br>Description: IC MCU 32BIT 32KB FLASH 28SSOP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245AZI-M433</a><br>Description: IC MCU 32BIT 32KB FLASH 48TQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245FNI-483T</a><br>Description: IC MCU 32BIT 32KB FLASH 35WLCSP4  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245PVA-482T</a><br>Description: IC MCU 32BIT 32KB FLASH 28SSOP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245FNI-DS402T</a><br>Description: IC MCU 32BIT 32KB FLASH 25WLCSP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245AZI-M445</a><br>Description: IC MCU 32BIT 32KB FLASH 64TQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245LQI-483</a><br>Description: IC MCU 32BIT 32KB FLASH 40QFN      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245PVI-DS402T</a><br>Description: CY8C4245PVI-DS402T              | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245PVI-482</a><br>Description: IC MCU 32BIT 32KB FLASH 28SSOP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245PVS-482</a><br>Description: IC MCU 32BIT 32KB FLASH 28SSOP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245LQI-483T</a><br>Description: IC MCU 32BIT 32KB FLASH 40QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245PVA-482Z</a><br>Description: PSOC4                             | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245LQQ-483</a><br>Description: IC MCU 32BIT 32KB FLASH 40QFN      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C4245LTI-DM405</a><br>Description: IC MCU 32BIT 32KB FLASH 68QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

| Related keywords for CY8C4245LTI-M445  |                                             |                           |                        |
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