



Cypress Semiconductor



CY8C21312-12PVXET

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C21312-12PVXET                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                   |
| Product description | IC MCU 8BIT 8KB FLASH 20SSOP                                                                                            |
| Datasheets:         |  <a href="#">CY8C21312-12PVXET.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Stock Condition     | 33835 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                   |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

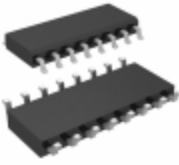
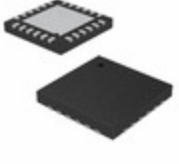
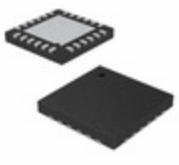
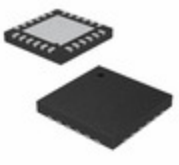
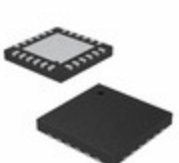
Specifications of CY8C21312-12PVXET

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C21312-12PVXET                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                     |
| DESCRIPTION                      | IC MCU 8BIT 8KB FLASH 20SSOP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE               | 33835 pcs                                                                                                                 |
| DATA SHEET                       |  <a href="#">CY8C21312-12PVXET.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.25 V                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 20-SSOP                                                                                                                   |
| SPEED                            | 12MHz                                                                                                                     |
| SERIES                           | PSOC®1 CY8C21xxx                                                                                                          |
| RAM SIZE                         | 512 x 8                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                     |
| PROGRAM MEMORY SIZE              | 8KB (8K x 8)                                                                                                              |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                                          |
| PACKAGE / CASE                   | 20-SSOP (0.209", 5.30mm Width)                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                        |
| NUMBER OF I/O                    | 16                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| EEPROM SIZE                      | -                                                                                                                         |
| DETAILED DESCRIPTION             | M8C PSOC®1 CY8C21xxx Microcontroller IC 8-Bit 12MHz 8KB (8K x 8) FLASH 20-SSOP                                            |
| DATA CONVERTERS                  | -                                                                                                                         |
| CORE SIZE                        | 8-Bit                                                                                                                     |
| CORE PROCESSOR                   | M8C                                                                                                                       |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                      |
| BASE PART NUMBER                 | CY8C21312                                                                                                                 |

Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor CY8C21312-12PVXET | CY8C21312-12PVXET Distributor                | CY8C21312-12PVXET Supplier                  |
| CY8C21312-12PVXET Price                 | CY8C21312-12PVXET Pictures                   | CY8C21312-12PVXET Image                     |
| CY8C21312-12PVXET PDF Datasheet         | CY8C21312-12PVXET Download Datasheet         | CY8C21312-12PVXET Datasheet                 |
| CY8C21312-12PVXET Stock                 | Buy CY8C21312-12PVXET                        | Buy Cypress Semiconductor CY8C21312-12PVXET |
| Cypress Semiconductor CY8C21312-12PVXET | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor CY8C21312-12PVXET | Cypress Semiconductor Corp CY8C21312-12PVXET |                                             |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                      |
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|  <div><b>CY8C21234B-24SXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB FLASH 16SOIC<br/>In stock: 25665 pcs<br/><b>RFQ</b></div>  |  <div><b>CY8C21223-24SXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 16SOIC<br/>In stock: 75604 pcs<br/><b>RFQ</b></div> |
|  <div><b>CY8C21312-12PVXE</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB FLASH 20SSOP<br/>In stock: 15995 pcs<br/><b>RFQ</b></div>  |  <div><b>CY8C21323-24LQXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 24QFN<br/>In stock: 84546 pcs<br/><b>RFQ</b></div> |
|  <div><b>CY8C21323-24LFXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 24QFN<br/>In stock: 28042 pcs<br/><b>RFQ</b></div>   |  <div><b>CY8C21323-24LQXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 24QFN<br/>In stock: 47396 pcs<br/><b>RFQ</b></div>  |
|  <div><b>CY8C21223-24SXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 16SOIC<br/>In stock: 35527 pcs<br/><b>RFQ</b></div>   |  <div><b>CY8C21312-24PVXA</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB FLASH 20SSOP<br/>In stock: 17807 pcs<br/><b>RFQ</b></div> |
|  <div><b>CY8C21234-24SXI</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB FLASH 16SOIC<br/>In stock: 21879 pcs<br/><b>RFQ</b></div>   |  <div><b>CY8C21323-24LFXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 4KB FLASH 24QFN<br/>In stock: 3857 pcs<br/><b>RFQ</b></div>  |
|  <div><b>CY8C21312-24PVXAT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB FLASH 20SSOP<br/>In stock: 32317 pcs<br/><b>RFQ</b></div> |  <div><b>CY8C21234-24SXIT</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 8KB FLASH 16SOIC<br/>In stock: 53119 pcs<br/><b>RFQ</b></div> |