

CY8C21334W-12PVXET



**Part Number:** [CY8C21334W-12PVXET](#)

**Manufacturer:** [Cypress Semiconductor](#)

**Description:** IC MCU 8BIT 8KB FLASH 20SSOP

**Data sheet:**

**RoHs Status:** Lead free / RoHS Compliant

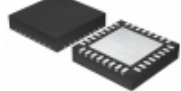
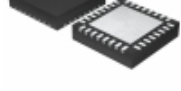
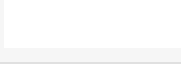
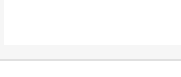
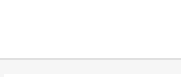
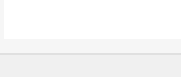
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                |                                 |                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CY8C21334W-12PVXET                                                             | Manufacturer                    | <a href="#">Cypress Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 8BIT 8KB FLASH 20SSOP                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 32948 pcs                                                                      | Data sheet                      |                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                      | Voltage - Supply (Vcc/Vdd)      | 2.4 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 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)                                                                  | Manufacturer Standard Lead Time | 15 Weeks                              |
| 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                 | A/D 28x8b                             |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8-Bit                                                                          | Core Processor                  | M8C                                   |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                               | I <sup>2</sup> C, SPI, UART/USART                                              |                                 |                                       |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                           |                     |
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|  | Part#: <a href="#">CY8C21345-24PVXA</a><br>Description: IC MCU 8BIT 8KB FLASH 28SSOP   | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21334B-24PVXIT</a><br>Description: IC MCU 8BIT 8KB FLASH 20SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21334-24PVXA</a><br>Description: IC MCU 8BIT 8KB FLASH 20SSOP   | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21323-24PVXIT</a><br>Description: IC MCU 8BIT 4KB FLASH 20SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21434-24LFXIT</a><br>Description: IC MCU 8BIT 8KB FLASH 32QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21345-12PVXE</a><br>Description: IC MCU 8BIT 8KB FLASH 28SSOP   | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21345-24SXI</a><br>Description: IC MCU 8BIT 8KB FLASH 28SOIC    | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21345-24PVXAT</a><br>Description: IC MCU 8BIT 8KB FLASH 28SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21434-24LFXI</a><br>Description: IC MCU 8BIT 8KB FLASH 32QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21334-12PVXE</a><br>Description: IC MCU 8BIT 8KB FLASH 20SSOP   | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21434-24LCXIT</a><br>Description: IC MCU 8BIT 8KB FLASH 32QFN   | Manufacturers: <a href="#">Cypress Semiconductor Corp</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21434-24LCXI</a><br>Description: IC MCU 8BIT 8KB FLASH 32QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21334-12PVXET</a><br>Description: IC MCU 8BIT 8KB FLASH 20SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21334-24PVXAT</a><br>Description: IC MCU 8BIT 8KB FLASH 20SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CY8C21334-24PVXI</a><br>Description: IC MCU 8BIT 8KB FLASH 20SSOP   | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CY8C21334B-24PVXI</a><br>Description: IC MCU 8BIT 8KB FLASH 20SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">CY8C21345-24SXIT</a><br>Description: IC MCU 8BIT 8KB FLASH 28SOIC   | Manufacturers: <a href="#">Cypress Semiconductor</a>      | <a href="#">RFQ</a> |

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