

CY8C21645-24PVXAT



Part Number: [CY8C21645-24PVXAT](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC MCU 8BIT 8KB FLASH 48SSOP

Data sheet:  [CY8C2\(1,2\)345\(H\),645](#)

RoHs Status: Lead free / RoHS Compliant

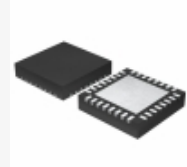
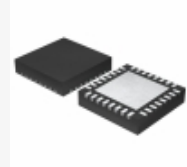
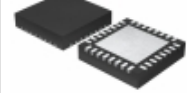
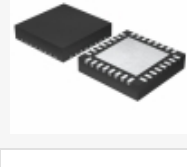
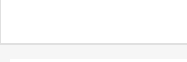
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                |                                 |                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CY8C21645-24PVXAT                                                              | Manufacturer                    | <a href="#">Cypress Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MCU 8BIT 8KB FLASH 48SSOP                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 23686 pcs                                                                      | Data sheet                      | <a href="#">CY8C2(1,2)345(H),645</a>  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                      | Voltage - Supply (Vcc/Vdd)      | 3 V ~ 5.25 V                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 48-SSOP                                                                        | Speed                           | 24MHz                                 |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 48-BSSOP (0.295", 7.50mm Width)                                                | Oscillator Type                 | Internal                              |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                                                              | Number of I/O                   | 38                                    |
| 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 24MHz 8KB (8K x 8) FLASH 48-SSOP | Data Converters                 | -                                     |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8-Bit                                                                          | Core Processor                  | M8C                                   |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IPC, IrDA, SPI, UART/USART                                                     | Base Part Number                | CY8C21645                             |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                      |                |
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|  | Part#: <a href="#">CY8C22113-24SIT</a><br>Description: IC MCU 8BIT 2KB FLASH 8SOIC     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C22113-24SI</a><br>Description: IC MCU 8BIT 2KB FLASH 8SOIC      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C21645-12PVXET</a><br>Description: IC MCU 8BIT 8KB FLASH 48SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C22213-24LFI</a><br>Description: IC MCU 8BIT 2KB FLASH 32QFN     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C21534B-24PVXIT</a><br>Description: IC MCU 8BIT 8KB FLASH 28SSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C21634B-24LTXI</a><br>Description: IC MCU 8BIT 8KB FLASH 32QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C21634-24LFXIT</a><br>Description: IC MCU 8BIT 8KB FLASH 32QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C21634-24LFXI</a><br>Description: IC MCU 8BIT 8KB FLASH 32QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C21534B-24PVXI</a><br>Description: IC MCU 8BIT 8KB FLASH 28SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C22213-24SIT</a><br>Description: IC MCU 8BIT 2KB FLASH 20SOIC    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C22213-24PVT</a><br>Description: IC MCU 8BIT 2KB FLASH 20SSOP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C22213-24PI</a><br>Description: IC MCU 8BIT 2KB FLASH 20DIP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C22213-24SI</a><br>Description: IC MCU 8BIT 2KB FLASH 20SOIC     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C22345-12PVXE</a><br>Description: IC MCU 8BIT 16KB FLASH 28SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C21645-12PVXE</a><br>Description: IC MCU 8BIT 8KB FLASH 48SSOP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C21634-24LTXIT</a><br>Description: IC MCU 8BIT 8KB FLASH 32QFN   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C22113-24PI</a><br>Description: IC MCU 8BIT 2KB FLASH 8DIP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C21645-24PVXA</a><br>Description: IC MCU 8BIT 8KB FLASH 48SSOP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C22213-24PVI</a><br>Description: IC MCU 8BIT 2KB FLASH 20SSOP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY8C21634-24LTXI</a><br>Description: IC MCU 8BIT 8KB FLASH 32QFN    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

Related keywords for CY8C21645-24PVXAT

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