



Image may be representation. See specifications for product details.

## CY8C3446PVE-082

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | CY8C3446PVE-082                                                                                                       |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                                 |
| Product description | IC MCU 8BIT 64KB FLASH 48SSOP                                                                                         |
| Datasheets:         |  <a href="#">CY8C3446PVE-082.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

### Specifications of CY8C3446PVE-082

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | CY8C3446PVE-082                                                                                                         |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                   |
| DESCRIPTION                      | IC MCU 8BIT 64KB FLASH 48SSOP                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DATA SHEET                       |  <a href="#">CY8C3446PVE-082.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 5.5 V                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 48-SSOP                                                                                                                 |
| SPEED                            | 50MHz                                                                                                                   |
| SERIES                           | PSOC® 3 CY8C34xx                                                                                                        |
| RAM SIZE                         | 8K x 8                                                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                   |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                          |
| PERIPHERALS                      | CapSense, DMA, POR, PWM, WDT                                                                                            |
| PACKAGING                        | Tube                                                                                                                    |
| PACKAGE / CASE                   | 48-BSSOP (0.295", 7.50mm Width)                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 25                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| EEPROM SIZE                      | 2K x 8                                                                                                                  |
| DETAILED DESCRIPTION             | 8051 PSOC® 3 CY8C34xx Microcontroller IC 8-Bit 50MHz 64KB (64K x 8) FLASH 48-SSOP                                       |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x8b                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                                   |
| CORE PROCESSOR                   | 8051                                                                                                                    |
| CONNECTIVITY                     | EBI/EMI, I²C, LINbus, SPI, UART/USART                                                                                   |
| BASE PART NUMBER                 | CY8C3446                                                                                                                |

### Related Tags

|                                       |                                            |                                           |
|---------------------------------------|--------------------------------------------|-------------------------------------------|
| Cypress Semiconductor CY8C3446PVE-082 | CY8C3446PVE-082 Distributor                | CY8C3446PVE-082 Supplier                  |
| CY8C3446PVE-082 Price                 | CY8C3446PVE-082 Pictures                   | CY8C3446PVE-082 Image                     |
| CY8C3446PVE-082 PDF Datasheet         | CY8C3446PVE-082 Download Datasheet         | CY8C3446PVE-082 Datasheet                 |
| CY8C3446PVE-082 Stock                 | Buy CY8C3446PVE-082                        | Buy Cypress Semiconductor CY8C3446PVE-082 |
| Cypress Semiconductor CY8C3446PVE-082 | Cypress Semiconductor Supplier             | Cypress Semiconductor Distributor         |
| Cypress Semiconductor CY8C3446PVE-082 | Cypress Semiconductor Corp CY8C3446PVE-082 |                                           |

### Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>CY8C3446PVI-076</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: 126 pcs<br/><div>RFQ</div></div>    |  <div><b>CY8C3446PVE-102</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>CY8C3446PVI-076T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>CY8C3446PVA-076</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>CY8C3446PVA-082</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>CY8C3446PVA-091</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>CY8C3446PVI-082</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>CY8C3446PVA-102</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>CY8C3446LTI-085T</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 68QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>CY8C3446PVI-091</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>CY8C3446PVI-092</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>CY8C3446PVA-092</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC MCU 8BIT 64KB FLASH 48SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |