



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18C242T-E/SO

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| Part Number:        | PIC18C242T-E/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product description | IC MCU 8BIT 16KB OTP 28SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Datasheets:         | <div><div>1.PIC18C242T-E/SO.pdf</div><div>2.PIC18C242T-E/SO.pdf</div><div>3.PIC18C242T-E/SO.pdf</div><div>4.PIC18C242T-E/SO.pdf</div><div>5.PIC18C242T-E/SO.pdf</div></div> |
| RoHs Status         | <div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Stock Condition     | 3611 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

REQUEST FOR QUOTATION

Specifications of PIC18C242T-E/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| PART NUMBER                      | PIC18C242T-E/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 16KB OTP 28SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| QUANTITY AVAILABLE               | 3611 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div><div>1.PIC18C242T-E/SO.pdf</div><div>2.PIC18C242T-E/SO.pdf</div><div>3.PIC18C242T-E/SO.pdf</div><div>4.PIC18C242T-E/SO.pdf</div><div>5.PIC18C242T-E/SO.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SPEED                            | 40MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SERIES                           | PIC® 18C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RAM SIZE                         | 512 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PROGRAM MEMORY SIZE              | 16KB (8K x 16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OTHER NAMES                      | PIC18C242TE/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| NUMBER OF I/O                    | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | PIC PIC® 18C Microcontroller IC 8-Bit 40MHz 16KB (8K x 16) OTP 28-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DATA CONVERTERS                  | A/D 5x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CONNECTIVITY                     | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | PIC18C242                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC18C242T-E/SO | PIC18C242T-E/SO Distributor            | PIC18C242T-E/SO Supplier                               |
| PIC18C242T-E/SO Price                         | PIC18C242T-E/SO Pictures               | PIC18C242T-E/SO Image                                  |
| PIC18C242T-E/SO PDF Datasheet                 | PIC18C242T-E/SO Download Datasheet     | PIC18C242T-E/SO Datasheet                              |
| PIC18C242T-E/SO Stock                         | Buy PIC18C242T-E/SO                    | Buy Micrel / Microchip Technology PIC18C242T-E/SO      |
| Micrel / Microchip Technology PIC18C242T-E/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC18C242T-E/SO | Microchip Technology PIC18C242T-E/SO   | Roving Networks / Microchip Technology PIC18C242T-E/SO |

Related Products

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| <div></div> <div><b>PIC18C252-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 28SDIP<br/>In stock: 14214 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>PIC18C242-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB OTP 28SDIP<br/>In stock: 13202 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>PIC18C242-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB OTP 28SOIC<br/>In stock: 5648 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>PIC18C242-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB OTP 28SOIC<br/>In stock: 16682 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>PIC18C242/JW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB EPROM 28CDIP<br/>In stock: 2716 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>PIC18C252-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 28SOIC<br/>In stock: 4115 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>PIC18C242T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB OTP 28SOIC<br/>In stock: 6784 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>PIC18C252-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 28SOIC<br/>In stock: 14013 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>PIC18C252-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 28SDIP<br/>In stock: 3978 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>PIC18C242-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 16KB OTP 28SDIP<br/>In stock: 16011 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>PIC17LC766T-08I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB OTP 80TQFP<br/>In stock: 5197 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>PIC18C252/JW</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB EPROM 28CDIP<br/>In stock: 3627 pcs<br/><div>RFQ</div></div>  |