



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC17C42A-25/PQ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC17C42A-25/PQ                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 4KB OTP 44MQFP                                                                                   |
|                     |  1.PIC17C42A-25/PQ.pdf      |
|                     |  2.PIC17C42A-25/PQ.pdf      |
|                     |  3.PIC17C42A-25/PQ.pdf      |
|                     |  4.PIC17C42A-25/PQ.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 13256 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PIC17C42A-25/PQ

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC17C42A-25/PQ                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 4KB OTP 44MQFP                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 13256 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.PIC17C42A-25/PQ.pdf<br> 2.PIC17C42A-25/PQ.pdf<br> 3.PIC17C42A-25/PQ.pdf<br> 4.PIC17C42A-25/PQ.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 6 V                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 44-MQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SPEED                            | 25MHz                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | PIC® 17C                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RAM SIZE                         | 232 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PROGRAM MEMORY TYPE              | OTP                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PROGRAM MEMORY SIZE              | 4KB (2K x 16)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PACKAGE / CASE                   | 44-QFP                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| NUMBER OF I/O                    | 33                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                       |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION             | PIC PIC® 17C Microcontroller IC 8-Bit 25MHz 4KB (2K x 16) OTP 44-MQFP (10x10)                                                                                                                                                                                                                                                                                                                                                                    |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CONNECTIVITY                     | UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | PIC17C42A                                                                                                                                                                                                                                                                                                                                                                                                                                        |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC17C42A-25/PQ | PIC17C42A-25/PQ Distributor            | PIC17C42A-25/PQ Supplier                               |
| PIC17C42A-25/PQ Price                         | PIC17C42A-25/PQ Pictures               | PIC17C42A-25/PQ Image                                  |
| PIC17C42A-25/PQ PDF Datasheet                 | PIC17C42A-25/PQ Download Datasheet     | PIC17C42A-25/PQ Datasheet                              |
| PIC17C42A-25/PQ Stock                         | Buy PIC17C42A-25/PQ                    | Buy Micrel / Microchip Technology PIC17C42A-25/PQ      |
| Micrel / Microchip Technology PIC17C42A-25/PQ | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC17C42A-25/PQ | Microchip Technology PIC17C42A-25/PQ   | Roving Networks / Microchip Technology PIC17C42A-25/PQ |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                           |
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|  <div><b>PIC17C42A-25I/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB OTP 44PLCC<br/>In stock: 9298 pcs</div> <div>RFQ</div>   |  <div><b>PIC17C42A-16I/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB OTP 44PLCC<br/>In stock: 10354 pcs</div> <div>RFQ</div> |
|  <div><b>PIC17C42A-16I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB OTP 44TQFP<br/>In stock: 6404 pcs</div> <div>RFQ</div>  |  <div><b>PIC17C42A-25/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB OTP 44TQFP<br/>In stock: 6340 pcs</div> <div>RFQ</div>  |
|  <div><b>PIC17C42A-16I/PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB OTP 44MQFP<br/>In stock: 11889 pcs</div> <div>RFQ</div> |  <div><b>PIC17C42A-16I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB OTP 40DIP<br/>In stock: 13012 pcs</div> <div>RFQ</div>  |
|  <div><b>PIC17C42A-25E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB OTP 44TQFP<br/>In stock: 5929 pcs</div> <div>RFQ</div>  |  <div><b>PIC17C42A-25E/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB OTP 44PLCC<br/>In stock: 5900 pcs</div> <div>RFQ</div>  |
|  <div><b>PIC17C42A-25E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB OTP 40DIP<br/>In stock: 4334 pcs</div> <div>RFQ</div>    |  <div><b>PIC17C42A-25E/PQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB OTP 44MQFP<br/>In stock: 5173 pcs</div> <div>RFQ</div> |
|  <div><b>PIC17C42A-25/L</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB OTP 44PLCC<br/>In stock: 12082 pcs</div> <div>RFQ</div>   |  <div><b>PIC17C42A-25/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 4KB OTP 40DIP<br/>In stock: 11629 pcs</div> <div>RFQ</div>   |