



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F610-I/ST

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F610-I/ST                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 1.75KB FLASH 14TSSOP                                                                             |
|                     |  1.PIC16F610-I/ST.pdf       |
|                     |  2.PIC16F610-I/ST.pdf       |
|                     |  3.PIC16F610-I/ST.pdf       |
|                     |  4.PIC16F610-I/ST.pdf       |
|                     |  5.PIC16F610-I/ST.pdf       |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 100619 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

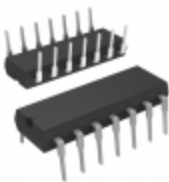
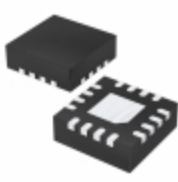
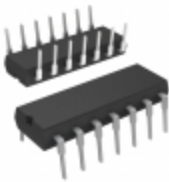
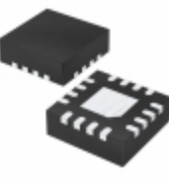
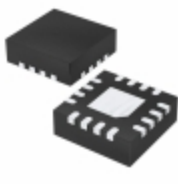
Specifications of PIC16F610-I/ST

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F610-I/ST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 1.75KB FLASH 14TSSOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 100619 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DATA SHEET                       |  1.PIC16F610-I/ST.pdf<br> 2.PIC16F610-I/ST.pdf<br> 3.PIC16F610-I/ST.pdf<br> 4.PIC16F610-I/ST.pdf<br> 5.PIC16F610-I/ST.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 14-TSSOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| SERIES                           | PIC® 16F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RAM SIZE                         | 64 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 1.75KB (1K x 14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 14-TSSOP (0.173", 4.40mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| OTHER NAMES                      | PIC16F610IST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| NUMBER OF I/O                    | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 1.75KB (1K x 14) FLASH 14-TSSOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| BASE PART NUMBER                 | PIC16F610                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology PIC16F610-I/ST | PIC16F610-I/ST Distributor             | PIC16F610-I/ST Supplier                               |
| PIC16F610-I/ST Price                         | PIC16F610-I/ST Pictures                | PIC16F610-I/ST Image                                  |
| PIC16F610-I/ST PDF Datasheet                 | PIC16F610-I/ST Download Datasheet      | PIC16F610-I/ST Datasheet                              |
| PIC16F610-I/ST Stock                         | Buy PIC16F610-I/ST                     | Buy Micrel / Microchip Technology PIC16F610-I/ST      |
| Micrel / Microchip Technology PIC16F610-I/ST | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC16F610-I/ST | Microchip Technology PIC16F610-I/ST    | Roving Networks / Microchip Technology PIC16F610-I/ST |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                  |
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|  <div><b>PIC16F610-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 14DIP<br/>In stock: 101524 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC16F610T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 16QFN<br/>In stock: 128848 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC16F616-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14DIP<br/>In stock: 92609 pcs<br/><b>RFQ</b></div>      |  <div><b>PIC16F610T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 14SOIC<br/>In stock: 149687 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC16F616-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: 81987 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC16F610T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 14TSSOP<br/>In stock: 121142 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC16F610-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 16QFN<br/>In stock: 93251 pcs<br/><b>RFQ</b></div>    |  <div><b>PIC16F616-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16QFN<br/>In stock: 92490 pcs<br/><b>RFQ</b></div>      |
|  <div><b>PIC16F610-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 14TSSOP<br/>In stock: 108477 pcs<br/><b>RFQ</b></div> |  <div><b>PIC16F610-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 14SOIC<br/>In stock: 131082 pcs<br/><b>RFQ</b></div>   |
|  <div><b>PIC16F610-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 14DIP<br/>In stock: 97172 pcs<br/><b>RFQ</b></div>     |  <div><b>PIC16F610-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.75KB FLASH 14SOIC<br/>In stock: 112588 pcs<br/><b>RFQ</b></div>   |