



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F505T-I/ST

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F505T-I/ST                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 1.5KB FLASH 14TSSOP                                                                              |
|                     |  1.PIC16F505T-I/ST.pdf      |
|                     |  2.PIC16F505T-I/ST.pdf      |
|                     |  3.PIC16F505T-I/ST.pdf      |
|                     |  4.PIC16F505T-I/ST.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 155153 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

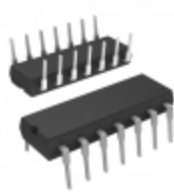
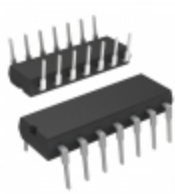
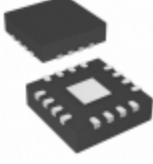
Specifications of PIC16F505T-I/ST

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F505T-I/ST                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 8BIT 1.5KB FLASH 14TSSOP                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 155153 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| DATA SHEET                       |  1.PIC16F505T-I/ST.pdf<br> 2.PIC16F505T-I/ST.pdf<br> 3.PIC16F505T-I/ST.pdf<br> 4.PIC16F505T-I/ST.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 14-TSSOP                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | PIC® 16F                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| RAM SIZE                         | 72 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY SIZE              | 1.5KB (1K x 12)                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| PERIPHERALS                      | POR, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 14-TSSOP (0.173", 4.40mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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 1.5KB (1K x 12) FLASH 14-TSSOP                                                                                                                                                                                                                                                                                                                                                                       |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| BASE PART NUMBER                 | PIC16F505                                                                                                                                                                                                                                                                                                                                                                                                                                        |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16F505T-I/ST | PIC16F505T-I/ST Distributor            | PIC16F505T-I/ST Supplier                               |
| PIC16F505T-I/ST Price                         | PIC16F505T-I/ST Pictures               | PIC16F505T-I/ST Image                                  |
| PIC16F505T-I/ST PDF Datasheet                 | PIC16F505T-I/ST Download Datasheet     | PIC16F505T-I/ST Datasheet                              |
| PIC16F505T-I/ST Stock                         | Buy PIC16F505T-I/ST                    | Buy Micrel / Microchip Technology PIC16F505T-I/ST      |
| Micrel / Microchip Technology PIC16F505T-I/ST | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16F505T-I/ST | Microchip Technology PIC16F505T-I/ST   | Roving Networks / Microchip Technology PIC16F505T-I/ST |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16F505-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 14DIP<br/>In stock: 102182 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC16F506-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 14DIP<br/>In stock: 122540 pcs<br/><div>RFQ</div></div>    |
|  <div><b>PIC16F505T-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 14SOIC<br/>In stock: 3060 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC16F505T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 14SOIC<br/>In stock: 158262 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC16F505-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 14TSSOP<br/>In stock: 123832 pcs<br/><div>RFQ</div></div> |  <div><b>PIC16F506-E/MG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 16QFN<br/>In stock: 99274 pcs<br/><div>RFQ</div></div>    |
|  <div><b>PIC16F505-I/SL</b><br/>Manufacturers: Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 14SOIC<br/>In stock: 158385 pcs<br/><div>RFQ</div></div>           |  <div><b>PIC16F506-I/MG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 16QFN<br/>In stock: 98519 pcs<br/><div>RFQ</div></div>    |
|  <div><b>PIC16F506-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 14DIP<br/>In stock: 115750 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC16F505T-I/MG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 16QFN<br/>In stock: 100728 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC16F506-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 14SOIC<br/>In stock: 149881 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC16F506-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 14TSSOP<br/>In stock: 133253 pcs<br/><div>RFQ</div></div> |