



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F505-E/ST

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F505-E/ST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Product description | IC MCU 8BIT 1.5KB FLASH 14TSSOP <div> 1.PIC16F505-E/ST.pdf<div> 2.PIC16F505-E/ST.pdf<div> 3.PIC16F505-E/ST.pdf<div> 4.PIC16F505-E/ST.pdf</div></div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                         |
| Stock Condition     | 129122 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

REQUEST FOR QUOTATION

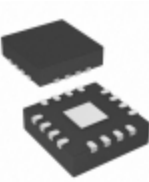
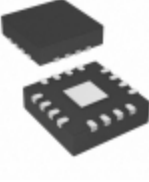
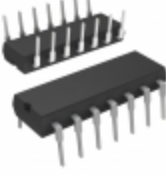
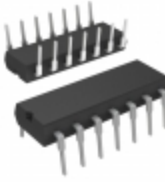
Specifications of PIC16F505-E/ST

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F505-E/ST                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 8BIT 1.5KB FLASH 14TSSOP                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 129122 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div> 1.PIC16F505-E/ST.pdf<div> 2.PIC16F505-E/ST.pdf<div> 3.PIC16F505-E/ST.pdf<div> 4.PIC16F505-E/ST.pdf</div></div></div></div> |
| 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                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 14-TSSOP (0.173", 4.40mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 PIC16F505-E/ST | PIC16F505-E/ST Distributor             | PIC16F505-E/ST Supplier                               |
| PIC16F505-E/ST Price                         | PIC16F505-E/ST Pictures                | PIC16F505-E/ST Image                                  |
| PIC16F505-E/ST PDF Datasheet                 | PIC16F505-E/ST Download Datasheet      | PIC16F505-E/ST Datasheet                              |
| PIC16F505-E/ST Stock                         | Buy PIC16F505-E/ST                     | Buy Micrel / Microchip Technology PIC16F505-E/ST      |
| Micrel / Microchip Technology PIC16F505-E/ST | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC16F505-E/ST | Microchip Technology PIC16F505-E/ST    | Roving Networks / Microchip Technology PIC16F505-E/ST |

Related Products

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| <div></div> <div><b>PIC16F505-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 14SOIC<br/>In stock: 113841 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>PIC16F505-I/MG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 16QFN<br/>In stock: 108608 pcs<br/><div>RFQ</div></div>   |
| <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></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></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></div> <div><b>PIC16F505-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 14DIP<br/>In stock: 110775 pcs<br/><div>RFQ</div></div>    |
| <div></div> <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></div> <div><b>PIC16F505-E/MG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 1.5KB FLASH 16QFN<br/>In stock: 89897 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>PIC16F1947T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 64QFN<br/>In stock: 43192 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>PIC16F1947-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 64TQFP<br/>In stock: 39629 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>PIC16F1947T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 64TQFP<br/>In stock: 35558 pcs<br/><div>RFQ</div></div> | <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> |