

PIC16F506T-I/SL



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Part Number: [PIC16F506T-I/SL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 1.5KB FLASH 14SOIC

Data sheet:  [PIC1xF5xx](#)  
 [PIC16F506 Programming Spec](#)  
 [PIC16F506 Revision B Errata](#)  
 [Tips N Tricks Guide](#)  
 [PIC16F506 Errata & Data Sheet Clarification](#)

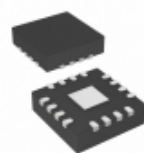
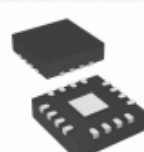
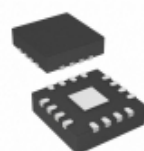
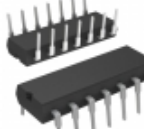
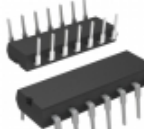
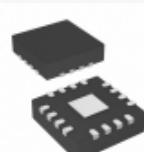
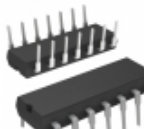
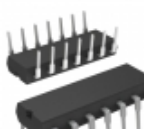
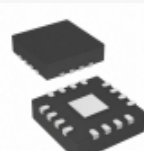
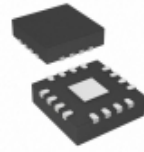
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC16F506T-I/SL                           | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 1.5KB FLASH 14SOIC            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                                                                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 87814 pcs                                 | Data sheet                       | <a href="#">PIC1xF5xx</a><br><a href="#">PIC16F506 Programming Spec</a><br><a href="#">PIC16F506 Revision B Errata</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">PIC16F506 Errata &amp; Data Sheet Clarification</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2 V ~ 5.5 V                                                                                                                                                                                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 14-SOIC                                   | Speed                            | 20MHz                                                                                                                                                                                                                            |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® 16F                                  | RAM Size                         | 67 x 8                                                                                                                                                                                                                           |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size              | 1.5KB (1K x 12)                                                                                                                                                                                                                  |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | POR, WDT                                  | Packaging                        | Cut Tape (CT)                                                                                                                                                                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 14-SOIC (0.154", 3.90mm Width)            | Other Names                      | PIC16F506T-I/SLCT                                                                                                                                                                                                                |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Internal                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 11                                        | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                                                                                                                                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5 Weeks                                   | 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-SOIC                                                                                                                                                        |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 4x8b                                  | Core Size                        | 8-Bit                                                                                                                                                                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PIC                                       | Connectivity                     | -                                                                                                                                                                                                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 87814 pieces of Micrel / Microchip Technology PIC16F506T-I/SL in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                                                                                                                                                                  |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC16F526-E/IMG</a><br>Description: IC MCU 8BIT 1.5KB FLASH 16QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F506-E/ST</a><br>Description: IC MCU 8BIT 1.5KB FLASH 14TSSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F526-E/SL</a><br>Description: IC MCU 8BIT 1.5KB FLASH 14SOIC   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16F506-E/IMG</a><br>Description: IC MCU 8BIT 1.5KB FLASH 16QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16F506-E/P</a><br>Description: IC MCU 8BIT 1.5KB FLASH 14DIP     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for PIC16F506T-I/SL

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