



Micrel / Microchip Technology

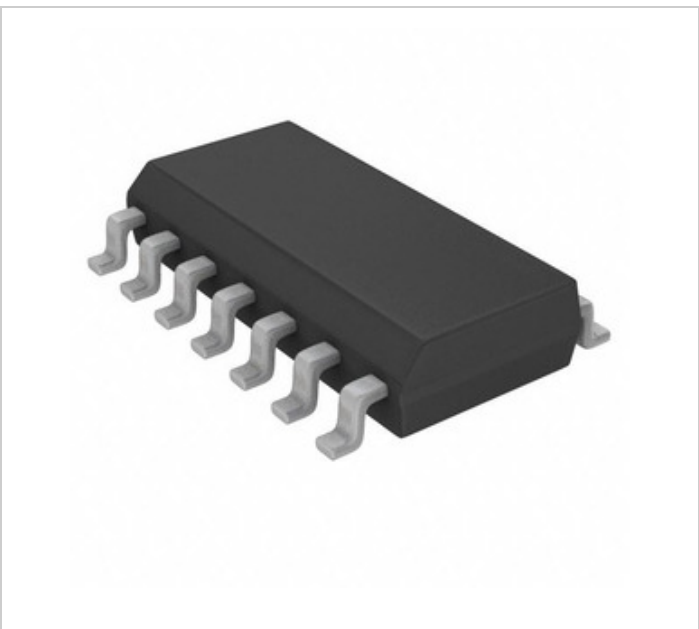


Image may be representation. See specifications for product details.

PIC16F1765-E/SL

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F1765-E/SL                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 14KB FLASH 14SOIC                                                                                |
| Datasheets:         |  1.PIC16F1765-E/SL.pdf      |
|                     |  2.PIC16F1765-E/SL.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 65179 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

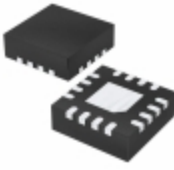
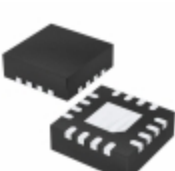
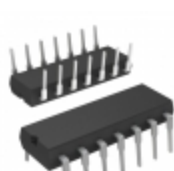
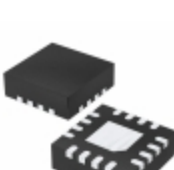
Specifications of PIC16F1765-E/SL

|                                  |                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F1765-E/SL                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                             |
| DESCRIPTION                      | IC MCU 8BIT 14KB FLASH 14SOIC                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE               | 65179 pcs                                                                                                 |
| DATA SHEET                       |  1.PIC16F1765-E/SL.pdf |
|                                  |  2.PIC16F1765-E/SL.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 14-SOIC                                                                                                   |
| SPEED                            | 32MHz                                                                                                     |
| SERIES                           | PIC® XLP™ 16F                                                                                             |
| RAM SIZE                         | 1K x 8                                                                                                    |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                     |
| PROGRAM MEMORY SIZE              | 14KB (8K x 14)                                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                     |
| PACKAGING                        | Tube                                                                                                      |
| PACKAGE / CASE                   | 14-SOIC (0.154", 3.90mm Width)                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                        |
| NUMBER OF I/O                    | 12                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                |
| EEPROM SIZE                      | 128 x 8                                                                                                   |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 14-SOIC                             |
| DATA CONVERTERS                  | A/D 8x10b, D/A 1x5b, 1x10b                                                                                |
| CORE SIZE                        | 8-Bit                                                                                                     |
| CORE PROCESSOR                   | PIC                                                                                                       |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                              |
| BASE PART NUMBER                 | PIC16F1765                                                                                                |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC16F1765-E/SL | PIC16F1765-E/SL Distributor            | PIC16F1765-E/SL Supplier                               |
| PIC16F1765-E/SL Price                         | PIC16F1765-E/SL Pictures               | PIC16F1765-E/SL Image                                  |
| PIC16F1765-E/SL PDF Datasheet                 | PIC16F1765-E/SL Download Datasheet     | PIC16F1765-E/SL Datasheet                              |
| PIC16F1765-E/SL Stock                         | Buy PIC16F1765-E/SL                    | Buy Micrel / Microchip Technology PIC16F1765-E/SL      |
| Micrel / Microchip Technology PIC16F1765-E/SL | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC16F1765-E/SL | Microchip Technology PIC16F1765-E/SL   | Roving Networks / Microchip Technology PIC16F1765-E/SL |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16F1765-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: 69447 pcs<br/><div>RFQ</div></div> |  <div><b>PIC16F1765-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14TSSOP<br/>In stock: 84079 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC16F1765-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16QFN<br/>In stock: 90593 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC16F1764T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14TSSOP<br/>In stock: 84881 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC16F1765T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16QFN<br/>In stock: 75665 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC16F1765-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14SOIC<br/>In stock: 69883 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC16F1765-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14DIP<br/>In stock: 64532 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC16F1765-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 16QFN<br/>In stock: 67371 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC16F1765-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 14DIP<br/>In stock: 70507 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC16F1764-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14TSSOP<br/>In stock: 61737 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC16F1764T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 16QFN<br/>In stock: 95695 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC16F1764T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 14SOIC<br/>In stock: 94269 pcs<br/><div>RFQ</div></div>  |