



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F685-E/SS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F685-E/SS                                                                                               |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 7KB FLASH 20SSOP                                                                                 |
|                     | <a href="#">PDF</a> 1.PIC16F685-E/SS.pdf                                                                     |
|                     | <a href="#">PDF</a> 2.PIC16F685-E/SS.pdf                                                                     |
|                     | <a href="#">PDF</a> 3.PIC16F685-E/SS.pdf                                                                     |
|                     | <a href="#">PDF</a> 4.PIC16F685-E/SS.pdf                                                                     |
|                     | <a href="#">PDF</a> 5.PIC16F685-E/SS.pdf                                                                     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

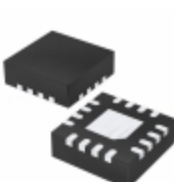
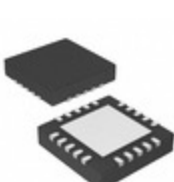
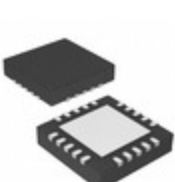
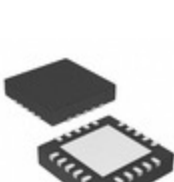
Specifications of PIC16F685-E/SS

|                                  |                                                                         |
|----------------------------------|-------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F685-E/SS                                                          |
| MANUFACTURER                     | Micrel / Microchip Technology                                           |
| DESCRIPTION                      | IC MCU 8BIT 7KB FLASH 20SSOP                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                              |
| DATA SHEET                       | <a href="#">PDF</a> 1.PIC16F685-E/SS.pdf                                |
|                                  | <a href="#">PDF</a> 2.PIC16F685-E/SS.pdf                                |
|                                  | <a href="#">PDF</a> 3.PIC16F685-E/SS.pdf                                |
|                                  | <a href="#">PDF</a> 4.PIC16F685-E/SS.pdf                                |
|                                  | <a href="#">PDF</a> 5.PIC16F685-E/SS.pdf                                |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                             |
| SUPPLIER DEVICE PACKAGE          | 20-SSOP                                                                 |
| SPEED                            | 20MHz                                                                   |
| SERIES                           | PIC® 16F                                                                |
| RAM SIZE                         | 256 x 8                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                   |
| PROGRAM MEMORY SIZE              | 7KB (4K x 14)                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                   |
| PACKAGING                        | Tube                                                                    |
| PACKAGE / CASE                   | 20-SSOP (0.209", 5.30mm Width)                                          |
| OSCILLATOR TYPE                  | Internal                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                      |
| NUMBER OF I/O                    | 18                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                           |
| MANUFACTURER STANDARD LEAD TIME  | 5 Weeks                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                              |
| EEPROM SIZE                      | 256 x 8                                                                 |
| DETAILED DESCRIPTION             | PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 7KB (4K x 14) FLASH 20-SSOP |
| DATA CONVERTERS                  | A/D 12x10b                                                              |
| CORE SIZE                        | 8-Bit                                                                   |
| CORE PROCESSOR                   | PIC                                                                     |
| CONNECTIVITY                     | -                                                                       |
| BASE PART NUMBER                 | PIC16F685                                                               |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology PIC16F685-E/SS | PIC16F685-E/SS Distributor             | PIC16F685-E/SS Supplier                               |
| PIC16F685-E/SS Price                         | PIC16F685-E/SS Pictures                | PIC16F685-E/SS Image                                  |
| PIC16F685-E/SS PDF Datasheet                 | PIC16F685-E/SS Download Datasheet      | PIC16F685-E/SS Datasheet                              |
| PIC16F685-E/SS Stock                         | Buy PIC16F685-E/SS                     | Buy Micrel / Microchip Technology PIC16F685-E/SS      |
| Micrel / Microchip Technology PIC16F685-E/SS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC16F685-E/SS | Microchip Technology PIC16F685-E/SS    | Roving Networks / Microchip Technology PIC16F685-E/SS |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>PIC16F685T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SOIC<br/>In stock: Out stock</p> <p>RFQ</p>    |  <p><b>PIC16F685-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SOIC<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>PIC16F684T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: Out stock</p> <p>RFQ</p>  |  <p><b>PIC16F685-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SSOP<br/>In stock: 630 pcs</p> <p>RFQ</p>   |
|  <p><b>PIC16F684T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16QFN<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>PIC16F685-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20DIP<br/>In stock: 645 pcs</p> <p>RFQ</p>     |
|  <p><b>PIC16F685T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20QFN<br/>In stock: Out stock</p> <p>RFQ</p>     |  <p><b>PIC16F685-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20QFN<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>PIC16F684T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>PIC16F685-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20SOIC<br/>In stock: 286 pcs</p> <p>RFQ</p>   |
|  <p><b>PIC16F685-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20QFN<br/>In stock: Out stock</p> <p>RFQ</p>      |  <p><b>PIC16F685-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 7KB FLASH 20DIP<br/>In stock: Out stock</p> <p>RFQ</p>   |