



Micrel / Microchip Technology

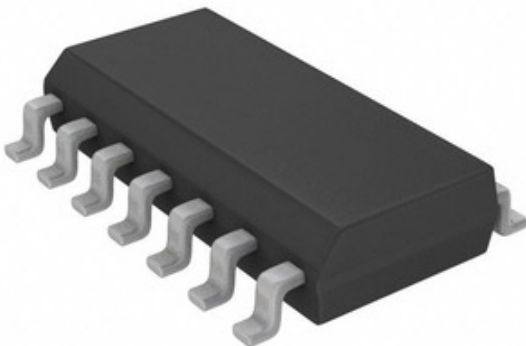


Image may be representation. See specifications for product details.

PIC16F684-I/SL

Part Number:

PIC16F684-I/SL

Manufacturer/Brand:

Micrel / Microchip Technology

Product description

IC MCU 8BIT 3.5KB FLASH 14SOIC

Datasheets:

 1.PIC16F684-I/SL.pdf

 2.PIC16F684-I/SL.pdf

 3.PIC16F684-I/SL.pdf

 4.PIC16F684-I/SL.pdf

 5.PIC16F684-I/SL.pdf

 6.PIC16F684-I/SL.pdf

 7.PIC16F684-I/SL.pdf

RoHs Status

 Lead free / RoHS Compliant

Stock Condition

82952 pcs stock

Ship From

Hong Kong

REQUEST FOR QUOTATION

DHL/Fedex/TNT/UPS/EMS

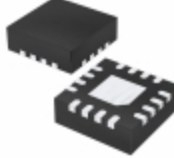
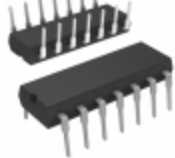
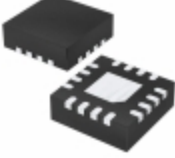
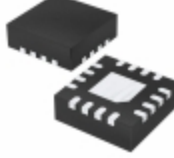
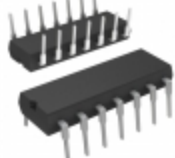
Specifications of PIC16F684-I/SL

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F684-I/SL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 14SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| QUANTITY AVAILABLE               | 82952 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div> 1.PIC16F684-I/SL.pdf</div> <div> 2.PIC16F684-I/SL.pdf</div> <div> 3.PIC16F684-I/SL.pdf</div> <div> 4.PIC16F684-I/SL.pdf</div> <div> 5.PIC16F684-I/SL.pdf</div> <div> 6.PIC16F684-I/SL.pdf</div> <div> 7.PIC16F684-I/SL.pdf</div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 14-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| SPEED                            | 20MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SERIES                           | PIC® 16F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RAM SIZE                         | 128 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PROGRAM MEMORY SIZE              | 3.5KB (2K x 14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| PACKAGE / CASE                   | 14-SOIC (0.154", 3.90mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OTHER NAMES                      | PIC16F684-I/SLG<br>PIC16F684ISL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| NUMBER OF I/O                    | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DETAILED DESCRIPTION             | PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 3.5KB (2K x 14) FLASH 14-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| DATA CONVERTERS                  | A/D 8x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CONNECTIVITY                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| BASE PART NUMBER                 | PIC16F684                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                              |                                        |                                                       |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------|
| Micrel / Microchip Technology PIC16F684-I/SL | PIC16F684-I/SL Distributor             | PIC16F684-I/SL Supplier                               |
| PIC16F684-I/SL Price                         | PIC16F684-I/SL Pictures                | PIC16F684-I/SL Image                                  |
| PIC16F684-I/SL PDF Datasheet                 | PIC16F684-I/SL Download Datasheet      | PIC16F684-I/SL Datasheet                              |
| PIC16F684-I/SL Stock                         | Buy PIC16F684-I/SL                     | Buy Micrel / Microchip Technology PIC16F684-I/SL      |
| Micrel / Microchip Technology PIC16F684-I/SL | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor             |
| Micrel / Microchip Technology PIC16F684-I/SL | Microchip Technology PIC16F684-I/SL    | Roving Networks / Microchip Technology PIC16F684-I/SL |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>PIC16F684-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP<br/>In stock: 65248 pcs</div> <div>RFQ</div> | <div></div> <div><b>PIC16F684T-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: 61613 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>PIC16F684-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP<br/>In stock: 70814 pcs</div> <div>RFQ</div> | <div></div> <div><b>PIC16F684T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16QFN<br/>In stock: 70197 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>PIC16F684T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: 71556 pcs</div> <div>RFQ</div> | <div></div> <div><b>PIC16F684T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP<br/>In stock: 71128 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC16F684-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14DIP<br/>In stock: 65003 pcs</div> <div>RFQ</div>    | <div></div> <div><b>PIC16F684T-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP<br/>In stock: 70844 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>PIC16F684-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16QFN<br/>In stock: 74668 pcs</div> <div>RFQ</div>   | <div></div> <div><b>PIC16F684-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 16QFN<br/>In stock: 61122 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>PIC16F684-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14DIP<br/>In stock: 75176 pcs</div> <div>RFQ</div>    | <div></div> <div><b>PIC16F684-E/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 3.5KB FLASH 14SOIC<br/>In stock: 78674 pcs</div> <div>RFQ</div>   |

