



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18LF4685-I/P

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18LF4685-I/P                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 96KB FLASH 40DIP                                                                                 |
|                     |  1.PIC18LF4685-I/P.pdf      |
|                     |  2.PIC18LF4685-I/P.pdf      |
|                     |  3.PIC18LF4685-I/P.pdf      |
|                     |  4.PIC18LF4685-I/P.pdf      |
|                     |  5.PIC18LF4685-I/P.pdf      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 11814 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

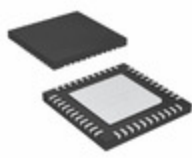
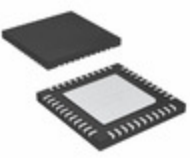
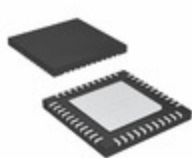
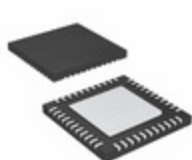
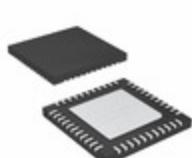
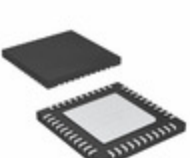
Specifications of PIC18LF4685-I/P

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18LF4685-I/P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC MCU 8BIT 96KB FLASH 40DIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| QUANTITY AVAILABLE               | 11814 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       |  1.PIC18LF4685-I/P.pdf<br> 2.PIC18LF4685-I/P.pdf<br> 3.PIC18LF4685-I/P.pdf<br> 4.PIC18LF4685-I/P.pdf<br> 5.PIC18LF4685-I/P.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 40-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| SPEED                            | 40MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| SERIES                           | PIC® 18F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RAM SIZE                         | 3.25K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| PROGRAM MEMORY SIZE              | 96KB (48K x 16)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| PACKAGE / CASE                   | 40-DIP (0.600", 15.24mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| OTHER NAMES                      | PIC18LF4685IP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| NUMBER OF I/O                    | 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| EEPROM SIZE                      | 1K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DETAILED DESCRIPTION             | PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 96KB (48K x 16) FLASH 40-PDIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DATA CONVERTERS                  | A/D 11x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CONNECTIVITY                     | CANbus, I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| BASE PART NUMBER                 | PIC18LF4685                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology PIC18LF4685-I/P | PIC18LF4685-I/P Distributor            | PIC18LF4685-I/P Supplier                               |
| PIC18LF4685-I/P Price                         | PIC18LF4685-I/P Pictures               | PIC18LF4685-I/P Image                                  |
| PIC18LF4685-I/P PDF Datasheet                 | PIC18LF4685-I/P Download Datasheet     | PIC18LF4685-I/P Datasheet                              |
| PIC18LF4685-I/P Stock                         | Buy PIC18LF4685-I/P                    | Buy Micrel / Microchip Technology PIC18LF4685-I/P      |
| Micrel / Microchip Technology PIC18LF4685-I/P | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology PIC18LF4685-I/P | Microchip Technology PIC18LF4685-I/P   | Roving Networks / Microchip Technology PIC18LF4685-I/P |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                     |
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|  <div><b>PIC18LF46J11-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44QFN<br/>In stock: 29767 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC18LF4682-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 80KB FLASH 44QFN<br/>In stock: 13012 pcs<br/><div>RFQ</div></div>    |
|  <div><b>PIC18LF4682-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 80KB FLASH 44TQFP<br/>In stock: 10656 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC18LF46J11T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44TQFP<br/>In stock: 37691 pcs<br/><div>RFQ</div></div> |
|  <div><b>PIC18LF4685-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 96KB FLASH 44QFN<br/>In stock: 11282 pcs<br/><div>RFQ</div></div>   |  <div><b>PIC18LF4685-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 96KB FLASH 44TQFP<br/>In stock: 11860 pcs<br/><div>RFQ</div></div>   |
|  <div><b>PIC18LF46J11T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44QFN<br/>In stock: 27804 pcs<br/><div>RFQ</div></div> |  <div><b>PIC18LF4682-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 80KB FLASH 40DIP<br/>In stock: 15053 pcs<br/><div>RFQ</div></div>     |
|  <div><b>PIC18LF4685T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 96KB FLASH 44QFN<br/>In stock: 11127 pcs<br/><div>RFQ</div></div>  |  <div><b>PIC18LF4680T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44TQFP<br/>In stock: 16303 pcs<br/><div>RFQ</div></div>  |
|  <div><b>PIC18LF46J11-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44TQFP<br/>In stock: 27200 pcs<br/><div>RFQ</div></div> |  <div><b>PIC18LF4680T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 64KB FLASH 44QFN<br/>In stock: 4942 pcs<br/><div>RFQ</div></div>    |