

PIC18LF4680T-I/ML





Part Number:

PIC18LF4680T-I/ML

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 8BIT 64KB FLASH 44QFN

Data sheet:

 [PIC18F\(2, 4\)zzz Programming Specification](#)

 [PIC18F2585,2680,4585,4680](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

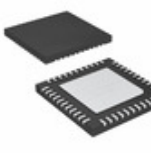
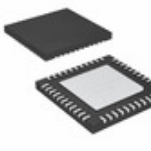
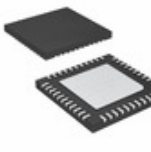
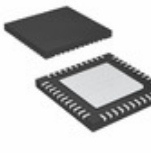
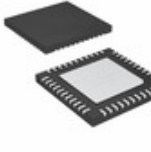
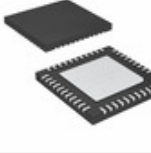
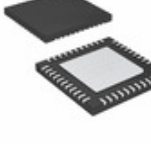
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                             |                                |                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC18LF4680T-I/ML                           | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 64KB FLASH 44QFN                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4148 pcs                                    | Data sheet                     | <a href="#">PIC18F(2, 4)zzz Programming Specification</a><br><a href="#">PIC18F2585,2680,4585,4680</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>   | Voltage - Supply (Vcc/Vdd)     | 2 V ~ 5.5 V                                                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 44-QFN (8x8)                                | Speed                          | 40MHz                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC® 18F                                    | RAM Size                       | 3.25K x 8                                                                                              |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                       | Program Memory Size            | 64KB (32K x 16)                                                                                        |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brown-out Detect/Reset, HLVD, POR, PWM, WDT | Packaging                      | Tape & Reel (TR)                                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 44-VQFN Exposed Pad                         | 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 64KB (32K x 16) FLASH 44-QFN (8x8)                         |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | A/D 11x10b                                  | Core Size                      | 8-Bit                                                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PIC                                         | Connectivity                   | CANbus, I²C, SPI, UART/USART                                                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | PIC18LF4680                                 |                                |                                                                                                        |
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