

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18LF4580-I/ML

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18LF4580-I/ML                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 44QFN                                                                                 |
|                     |  1.PIC18LF4580-I/ML.pdf     |
|                     |  2.PIC18LF4580-I/ML.pdf     |
|                     |  3.PIC18LF4580-I/ML.pdf     |
|                     |  4.PIC18LF4580-I/ML.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of PIC18LF4580-I/ML

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18LF4580-I/ML                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                              |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 44QFN                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| DATA SHEET                       |  1.PIC18LF4580-I/ML.pdf |
|                                  |  2.PIC18LF4580-I/ML.pdf |
|                                  |  3.PIC18LF4580-I/ML.pdf |
|                                  |  4.PIC18LF4580-I/ML.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2 V ~ 5.5 V                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 44-QFN (8x8)                                                                                               |
| SPEED                            | 40MHz                                                                                                      |
| SERIES                           | PIC® 18F                                                                                                   |
| RAM SIZE                         | 1.5K x 8                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                      |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                            |
| PERIPHERALS                      | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                                                                |
| PACKAGING                        | Tube                                                                                                       |
| PACKAGE / CASE                   | 44-VQFN Exposed Pad                                                                                        |
| OTHER NAMES                      | PIC18LF4580IML                                                                                             |
| OSCILLATOR TYPE                  | Internal                                                                                                   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                          |
| NUMBER OF I/O                    | 36                                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                              |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| EEPROM SIZE                      | 256 x 8                                                                                                    |
| DETAILED DESCRIPTION             | PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 32KB (16K 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                 | PIC18LF4580                                                                                                |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC18LF4580-I/ML | PIC18LF4580-I/ML Distributor           | PIC18LF4580-I/ML Supplier                               |
| PIC18LF4580-I/ML Price                         | PIC18LF4580-I/ML Pictures              | PIC18LF4580-I/ML Image                                  |
| PIC18LF4580-I/ML PDF Datasheet                 | PIC18LF4580-I/ML Download Datasheet    | PIC18LF4580-I/ML Datasheet                              |
| PIC18LF4580-I/ML Stock                         | Buy PIC18LF4580-I/ML                   | Buy Micrel / Microchip Technology PIC18LF4580-I/ML      |
| Micrel / Microchip Technology PIC18LF4580-I/ML | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC18LF4580-I/ML | Microchip Technology PIC18LF4580-I/ML  | Roving Networks / Microchip Technology PIC18LF4580-I/ML |

Related Products



**PIC18LF458-I/L**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44PLCC  
In stock: 25 pcs  

RFQ



**PIC18LF4580T-I/PT**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44TQFP  
In stock: Out stock  

RFQ



**PIC18LF458-I/P**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 40DIP  
In stock: Out stock  

RFQ



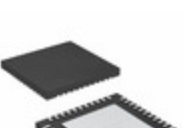
**PIC18LF4585-I/P**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 48KB FLASH 40DIP  
In stock: Out stock  

RFQ



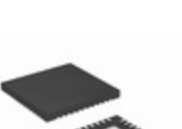
**PIC18LF4580-I/P**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 40DIP  
In stock: Out stock  

RFQ



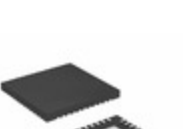
**PIC18LF4553T-I/ML**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44QFN  
In stock: Out stock  

RFQ



**PIC18LF4580T-I/ML**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44QFN  
In stock: Out stock  

RFQ



**PIC18LF4585-I/ML**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 48KB FLASH 44QFN  
In stock: Out stock  

RFQ



**PIC18LF458-I/PT**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44TQFP  
In stock: 137 pcs  

RFQ



**PIC18LF4580-I/PT**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44TQFP  
In stock: 782 pcs  

RFQ



**PIC18LF4553T-I/PT**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44TQFP  
In stock: Out stock  

RFQ



**PIC18LF4553-I/PT**  
Manufacturers: Micrel / Microchip Technology  
Description: IC MCU 8BIT 32KB FLASH 44TQFP  
In stock: 160 pcs  

RFQ