

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18F442-E/ML

Part Number: PIC18F442-E/ML

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 8BIT 16KB FLASH 44QFN

1.PIC18F442-E/ML.pdf

2.PIC18F442-E/ML.pdf

3.PIC18F442-E/ML.pdf

4.PIC18F442-E/ML.pdf

5.PIC18F442-E/ML.pdf

6.PIC18F442-E/ML.pdf

7.PIC18F442-E/ML.pdf

8.PIC18F442-E/ML.pdf

Datasheets:

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

REQUEST FOR QUOTATION

DHL/Fedex/TNT/UPS/EMS

Specifications of PIC18F442-E/ML

PART NUMBER	PIC18F442-E/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 16KB FLASH 44QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.PIC18F442-E/ML.pdf PDF 2.PIC18F442-E/ML.pdf PDF 3.PIC18F442-E/ML.pdf PDF 4.PIC18F442-E/ML.pdf PDF 5.PIC18F442-E/ML.pdf PDF 6.PIC18F442-E/ML.pdf PDF 7.PIC18F442-E/ML.pdf PDF 8.PIC18F442-E/ML.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4.2 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-QFN (8x8)
SPEED	40MHz
SERIES	PIC® 18F
RAM SIZE	768 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (8K x 16)
PERIPHERALS	Brown-out Detect/Reset, LVD, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	44-VQFN Exposed Pad
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	34
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	256 x 8
DETAILED DESCRIPTION	PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 16KB (8K x 16) FLASH 44-QFN (8x8)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	PIC18F442

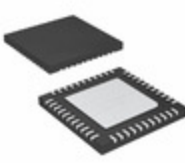
Related Tags

Micrel / Microchip Technology PIC18F442-E/ML	PIC18F442-E/ML Distributor	PIC18F442-E/ML Supplier
PIC18F442-E/ML Price	PIC18F442-E/ML Pictures	PIC18F442-E/ML Image
PIC18F442-E/ML PDF Datasheet	PIC18F442-E/ML Download Datasheet	PIC18F442-E/ML Datasheet
PIC18F442-E/ML Stock	Buy PIC18F442-E/ML	Buy Micrel / Microchip Technology PIC18F442-E/ML
Micrel / Microchip Technology PIC18F442-E/ML	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology PIC18F442-E/ML	Microchip Technology PIC18F442-E/ML	Roving Networks / Microchip Technology PIC18F442-E/ML

Related Products



PIC18F4410-I/PT
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 8BIT 16KB FLASH 44TQFP
In stock: 290 pcs
RFQ



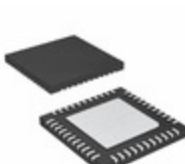
PIC18F4410-I/ML
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 8BIT 16KB FLASH 44QFN
In stock: Out stock
RFQ



PIC18F4410-I/P
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 8BIT 16KB FLASH 40DIP
In stock: 89 pcs
RFQ



PIC18F442-I/PT
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 8BIT 16KB FLASH 44TQFP
In stock: 3 pcs
RFQ



PIC18F4410T-I/ML
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 8BIT 16KB FLASH 44QFN
In stock: Out stock
RFQ



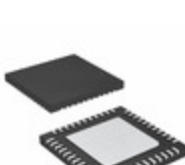
PIC18F442-I/L
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 8BIT 16KB FLASH 44PLCC
In stock: 9 pcs
RFQ



PIC18F4410T-I/PT
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 8BIT 16KB FLASH 44TQFP
In stock: Out stock
RFQ



PIC18F442-E/L
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 8BIT 16KB FLASH 44PLCC
In stock: Out stock
RFQ



PIC18F442-I/ML
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 8BIT 16KB FLASH 44QFN
In stock: Out stock
RFQ



PIC18F442-I/P
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 8BIT 16KB FLASH 40DIP
In stock: 177 pcs
RFQ



PIC18F442-E/PT
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 8BIT 16KB FLASH 44TQFP
In stock: Out stock
RFQ



PIC18F442-E/P
Manufacturers: Micrel / Microchip Technology
Description: IC MCU 8BIT 16KB FLASH 40DIP
In stock: Out stock
RFQ