



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18F442-E/L

Part Number:	PIC18F442-E/L
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MCU 8BIT 16KB FLASH 44PLCC
	 1.PIC18F442-E/L.pdf
	 2.PIC18F442-E/L.pdf
	 3.PIC18F442-E/L.pdf
	 4.PIC18F442-E/L.pdf
	 5.PIC18F442-E/L.pdf
	 6.PIC18F442-E/L.pdf
	 7.PIC18F442-E/L.pdf
	 8.PIC18F442-E/L.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	10912 pcs stock
	Hong Kong
Shipment way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

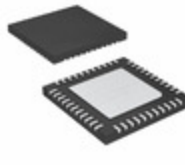
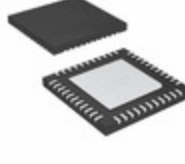
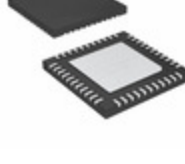
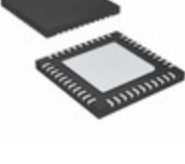
Specifications of PIC18F442-E/L

PART NUMBER	PIC18F442-E/L
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 16KB FLASH 44PLCC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	10912 pcs
DATA SHEET	 1.PIC18F442-E/L.pdf  2.PIC18F442-E/L.pdf  3.PIC18F442-E/L.pdf  4.PIC18F442-E/L.pdf  5.PIC18F442-E/L.pdf  6.PIC18F442-E/L.pdf  7.PIC18F442-E/L.pdf  8.PIC18F442-E/L.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4.2 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-PLCC (16.59x16.59)
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-LCC (J-Lead)
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	34
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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-PLCC (16.59x16.59)
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/L	PIC18F442-E/L Distributor	PIC18F442-E/L Supplier
PIC18F442-E/L Price	PIC18F442-E/L Pictures	PIC18F442-E/L Image
PIC18F442-E/L PDF Datasheet	PIC18F442-E/L Download Datasheet	PIC18F442-E/L Datasheet
PIC18F442-E/L Stock	Buy PIC18F442-E/L	Buy Micrel / Microchip Technology PIC18F442-E/L
Micrel / Microchip Technology PIC18F442-E/L	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology PIC18F442-E/L	Microchip Technology PIC18F442-E/L	Roving Networks / Microchip Technology PIC18F442-E/L

Related Products

 PIC18F4410T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 33081 pcs RFQ	 PIC18F442-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 12136 pcs RFQ
 PIC18F4410-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 26905 pcs RFQ	 PIC18F4410-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 30168 pcs RFQ
 PIC18F4410T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 3855 pcs RFQ	 PIC18F442-I/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 40DIP In stock: 14168 pcs RFQ
 PIC18F4410-E/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44TQFP In stock: 4733 pcs RFQ	 PIC18F4410-I/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 40DIP In stock: 25455 pcs RFQ
 PIC18F442-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 17496 pcs RFQ	 PIC18F442-E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44QFN In stock: 7080 pcs RFQ
 PIC18F442-E/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 40DIP In stock: 15788 pcs RFQ	 PIC18F442-I/L Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 16KB FLASH 44PLCC In stock: 12448 pcs RFQ

