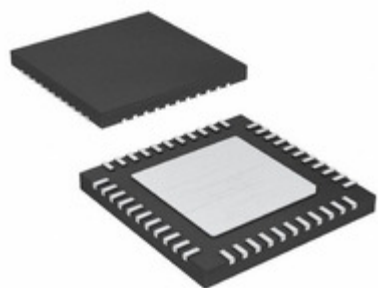


PIC18F442-E/ML



Images are for reference only.
See Product Specifications for product details.
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Part Number: [PIC18F442-E/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 44QFN

Data sheet:  [PIC18F2x2, 4x2 Rev B5 Errata](#)
 [PIC18Fxx2 Rev.B2 Datasheet Errata](#)
 [PIC18Fxx2 Rev. C1 Silicon, Datasheet Errata](#)
 [PIC18Fxx2 Rev.B3/B4 Datasheet Errata](#)
 [Timer1 Errata](#)
 [PIC18F2x2, 4x2 Datasheet](#)
 [PIC18Fxx2 Rev C0 Errata](#)
 [PIC18Fxx2, xx8 Programming Specification](#)

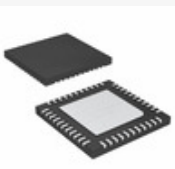
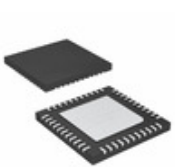
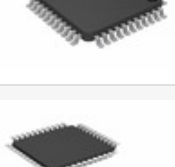
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER			
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
Quantity Available	5499 pcs	Data sheet	PIC18F2x2, 4x2 Rev B5 Errata PIC18Fxx2 Rev.B2 Datasheet Errata PIC18Fxx2 Rev. C1 Silicon, Datasheet Errata PIC18Fxx2 Rev.B3/B4 Datasheet Errata Timer1 Errata PIC18F2x2, 4x2 Datasheet PIC18Fxx2 Rev C0 Errata PIC18Fxx2, xx8 Programming Specification
Category	Integrated Circuits (ICs)	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		
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	Part#: PIC18F442-I/P Description: IC MCU 8BIT 16KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18F4410T-I/ML Description: IC MCU 8BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F43K22T-I/PT Description: IC MCU 8BIT 8KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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