

PIC18C442-E/L



Part Number: [PIC18C442-E/L](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB OTP 44PLCC

Data sheet:  [Tips N Tricks Guide](#)

 [Timer1 Errata](#)

 [PIC18Cxx2 Revision B Errata](#)

 [PIC18Cxx2](#)

 [MSSP Module Silicon, Data Sheet Errata](#)

RoHs Status: Lead free / RoHS Compliant

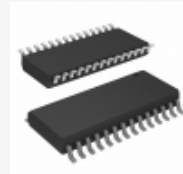
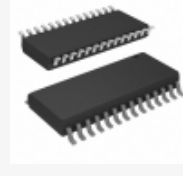
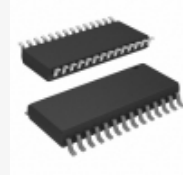
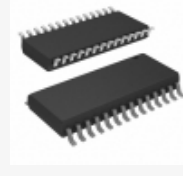
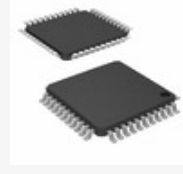
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PRODUCT PARAMETER			
Part Number	PIC18C442-E/L	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB OTP 44PLCC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5072 pcs	Data sheet	Tips N Tricks Guide Timer1 Errata PIC18Cxx2 Revision B Errata PIC18Cxx2 MSSP Module Silicon, Data Sheet Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Supplier Device Package	44-PLCC (16.59x16.59)	Speed	40MHz
Series	PIC® 18C	RAM Size	512 x 8
Program Memory Type	OTP	Program Memory Size	16KB (8K x 16)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Packaging	Tube
Package / Case	44-LCC (J-Lead)	Other Names	PIC18C442E/L
Oscillator Type	External	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	33	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	PIC PIC® 18C Microcontroller IC 8-Bit 40MHz 16KB (8K x 16) OTP 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	PIC18C442
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	Part#: PIC18C252-I/SP Description: IC MCU 8BIT 32KB OTP 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18C442-I/P Description: IC MCU 8BIT 16KB OTP 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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