

PIC18LC442-I/PT





Part Number: [PIC18LC442-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB OTP 44TQFP

Data sheet:  [PIC18Cxx2](#)
 [MSSP Module Silicon, Data Sheet Errata](#)

RoHS Status: Lead free / RoHS Compliant

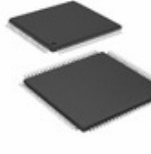
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PRODUCT PARAMETER			
Part Number	PIC18LC442-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB OTP 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5203 pcs	Data sheet	PIC18Cxx2 MSSP Module Silicon, Data Sheet Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Supplier Device Package	44-TQFP (10x10)	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	Tray
Package / Case	44-TQFP	Oscillator Type	External
Operating Temperature	-40°C ~ 85°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-TQFP (10x10)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, SPI, UART/USART
Base Part Number	PIC18LC442		
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	Part#: PIC18LC242-I/SO Description: IC MCU 8BIT 16KB OTP 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LC252T-I/SO Description: IC MCU 8BIT 32KB OTP 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LC452-I/PT Description: IC MCU 8BIT 32KB OTP 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18F97J94T-I/PF Description: IC MCU 8BIT 128KB FLASH 100TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LC452T-I/L Description: IC MCU 8BIT 32KB OTP 44PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LC442T-I/PT Description: IC MCU 8BIT 16KB OTP 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18LC442-I/L Description: IC MCU 8BIT 16KB OTP 44PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LC452-I/L Description: IC MCU 8BIT 32KB OTP 44PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LC601T-I/L Description: IC MCU 8BIT ROMLESS 68PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LC242-I/SP Description: IC MCU 8BIT 16KB OTP 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LC442-I/P Description: IC MCU 8BIT 16KB OTP 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18LC452T-I/PT Description: IC MCU 8BIT 32KB OTP 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

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