

PIC18F442T-I/L



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Part Number: [PIC18F442T-I/L](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 44PLCC

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](#)

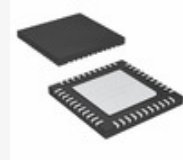
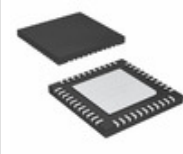
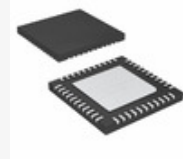
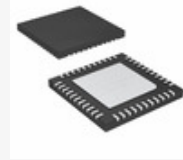
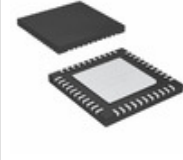
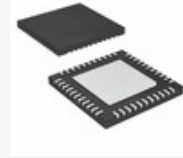
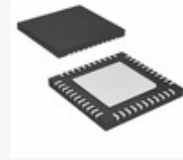
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC18F442T-I/L	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 44PLCC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	14350 pcs	Data sheet	PIC18F2x2, 4x2 Rev B5 Errata PIC18Fxx2 Rev.B2 Datasheet Errata PIC18Fxx2 Rev. C1 Silicon, Datasheet 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-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	Tape & Reel (TR)
Package / Case	44-LCC (J-Lead)	Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	34
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	4 Weeks
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
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