

PIC18LF442T-I/L



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See Product Specifications for product details.
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Part Number: [PIC18LF442T-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](#)

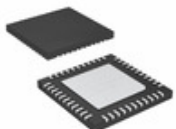
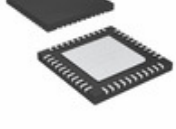
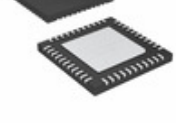
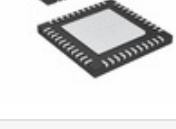
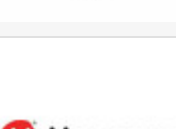
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC18LF442T-I/L	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 44PLCC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4322 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)	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)	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	PIC18LF442		
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 4322 pieces of Micrel / Microchip Technology PIC18LF442T-I/L in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com			

RELATED PRODUCTS			
	Part#: PIC18LF4431T-I/ML Description: IC MCU 8BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF4439-I/P Description: IC MCU 8BIT 12KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF4423-I/P Description: IC MCU 8BIT 16KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF4420T-I/ML Description: IC MCU 8BIT 16KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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