

PIC18F442-I/P



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See Product Specifications for product details.
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Part Number: [PIC18F442-I/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 40DIP

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](#)

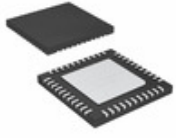
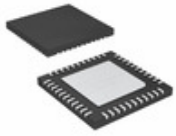
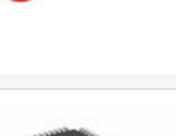
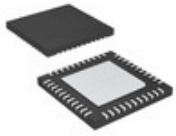
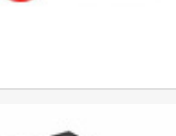
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	PIC18F442-I/P	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 40DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15591 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	40-PDIP	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	40-DIP (0.600", 15.24mm)	Other Names	PIC18F442I/P PIC18F442IP
Oscillator Type	External	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	34	Moisture Sensitivity Level (MSL)	1 (Unlimited)
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 40-PDIP
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	PC, SPI, UART/USART
Base Part Number	PIC18F442		
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	Part#: PIC18F4420-I/PT Description: IC MCU 8BIT 16KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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