

PIC18F45K42-I/PT





Part Number: [PIC18F45K42-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: 32KB FLASH, 2KB RAM, 256B EEPROM

Data sheet:  [PIC18\(L\)F26 to 56K42 Errata](#)
 [PIC18\(L\)F26 to 57K42 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

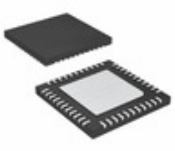
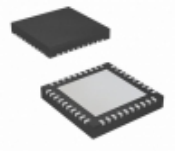
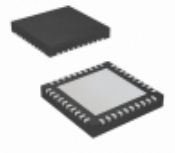
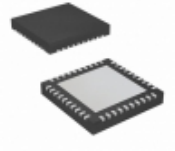
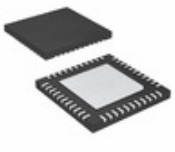
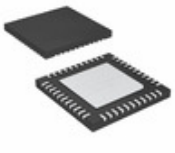
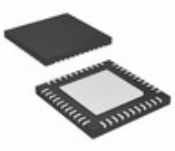
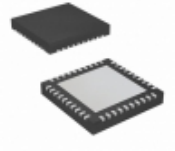
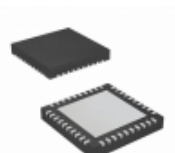
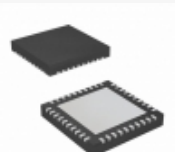
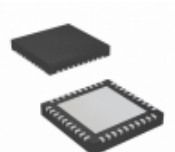
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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	PIC18F45K42-I/PT	Manufacturer	Micrel / Microchip Technology
Description	32KB FLASH, 2KB RAM, 256B EEPROM	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	62559 pcs	Data sheet	PIC18(L)F26 to 56K42 Errata PIC18(L)F26 to 57K42 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V
Supplier Device Package	44-TQFP (10x10)	Speed	64MHz
Series	PIC® XLP™ 18K	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (16K x 16)
Peripherals	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT	Packaging	Tray
Package / Case	44-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	36
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	10 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	256 x 8
Detailed Description	PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz 32KB (16K x 16) FLASH 44-TQFP (10x10)	Data Converters	A/D 35x12b, D/A 1x5b
Core Size	8-Bit	Core Processor	PIC
Connectivity	PC, LINbus, SPI, UART/USART		
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RELATED PRODUCTS			
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	Part#: PIC18F45K42-E/MV Description: IC MCU 8BIT 32KB FLASH 40UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F45K40T-I/MV Description: IC MCU 8BIT 32KB FLASH 40UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F45K42T-I/MV Description: 32KB FLASH, 2KB RAM, 256B EEPROM	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18F45K42T-I/ML Description: 32KB FLASH, 2KB RAM, 256B EEPROM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F45K50-I/P Description: IC MCU 8BIT 32KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F45K42-I/P Description: IC MCU 8BIT 32KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18F45K50-E/PT Description: IC MCU 8BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F45K40T-I/PT Description: IC MCU 8BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18F45K50-I/MV Description: IC MCU 8BIT 32KB FLASH 40UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F45K50-I/PT Description: IC MCU 8BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for PIC18F45K42-I/PT

Micrel / Microchip Technology PIC18F45K42-I/PT	PIC18F45K42-I/PT distributor	PIC18F45K42-I/PT supplier	PIC18F45K42-I/PT price
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