

PIC18F45K40T-I/PT



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See Product Specifications for product details.
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Part Number: [PIC18F45K40T-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 44TQFP

Data sheet:
 [PIC18\(L\)F26/45/46K40 Errata](#)
 [PIC18\(L\)F26/45/46K40 Datasheet](#)
 [PIC18\(L\)F2x/4xK40 Memory Programming Specification](#)

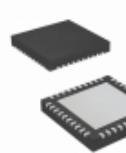
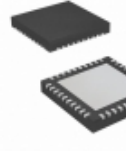
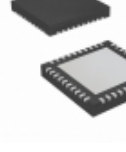
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC18F45K40T-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	59255 pcs	Data sheet	PIC18(L)F26/45/46K40 Errata PIC18(L)F26/45/46K40 Datasheet PIC18(L)F2x/4xK40 Memory Programming Specification
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, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	44-TQFP	Other Names	PIC18F45K40T-I/PT-ND PIC18F45K40T-I/PTTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	36	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	12 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 35x10b, D/A 1x5b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, LINbus, SPI, UART/USART
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	Part#: PIC18F45K42-I/MV Description: IC MCU 8BIT 32KB FLASH 40UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F45K40-E/MV Description: IC MCU 8BIT 32KB FLASH 40UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F45K42-E/MV Description: IC MCU 8BIT 32KB FLASH 40UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F45K40-E/ML Description: IC MCU 8BIT 32KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18F45K42-E/ML Description: IC MCU 8BIT 32KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F45K40T-I/ML Description: IC MCU 8BIT 32KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F45K42-I/PT Description: 32KB FLASH, 2KB RAM, 256B EEPROM	Manufacturers: Micrel / Microchip Technology	RFQ