

PIC18F4525-I/PT



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See Product Specifications for product details.
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Part Number: [PIC18F4525-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 48KB FLASH 44TQFP

Data sheet:  [PIC18F\(2, 4\)zzz Programming Specification](#)
 [PIC18Fx525, x620 Revision B4 Errata](#)
 [PIC18Fx525,PIC18Fx620 Rev.B5 Errata](#)
 [PIC18Fx525, x620 Revision A4 Errata](#)
 [PIC18Fx525, x620 Datasheet](#)
 [PIC18Fx525, x620 Revision A3 Errata](#)

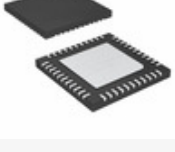
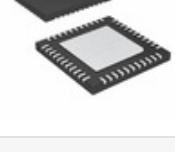
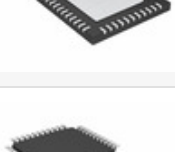
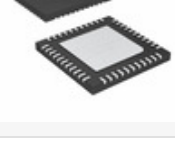
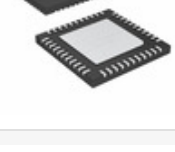
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC18F4525-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 48KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20200 pcs	Data sheet	PIC18F(2, 4)zzz Programming Specification PIC18Fx525, x620 Revision B4 Errata PIC18Fx525,PIC18Fx620 Rev.B5 Errata PIC18Fx525, x620 Revision A4 Errata PIC18Fx525, x620 Datasheet PIC18Fx525, x620 Revision A3 Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Supplier Device Package	44-TQFP (10x10)	Speed	40MHz
Series	PIC® 18F	RAM Size	3.8K x 8
Program Memory Type	FLASH	Program Memory Size	48KB (24K x 16)
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Packaging	Tray
Package / Case	44-TQFP	Other Names	PIC18F4525IPT
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	11 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	1K x 8	Detailed Description	PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 48KB (24K x 16) FLASH 44-TQFP (10x10)
Data Converters	A/D 13x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, SPI, UART/USART
Base Part Number	PIC18F4525		
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	Part#: PIC18F4525-E/ML Description: IC MCU 8BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18F4539-I/ML Description: IC MCU 8BIT 24KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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