

PIC18LF8520-I/PT



Part Number: [PIC18LF8520-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 80TQFP

Data sheet:  [PIC18F6x20, 8x20 Programming Specification](#)
 [PIC18F6520, 8520 Rev A1 Silicon, Data Sheet](#)
 [PIC18 MCU Family Product Overview](#)
 [PIC18Fxx20](#)
 [Timer1 Errata](#)

RoHs Status: Lead free / RoHS Compliant

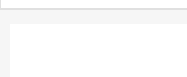
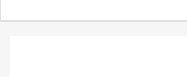
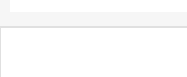
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PRODUCT PARAMETER			
Part Number	PIC18LF8520-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 80TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13978 pcs	Data sheet	PIC18F6x20, 8x20 Programming Specification PIC18F6520, 8520 Rev A1 Silicon, Data Sheet Errata PIC18 MCU Family Product Overview PIC18Fxx20 Timer1 Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V
Supplier Device Package	80-TQFP (12x12)	Speed	40MHz
Series	PIC® 18F	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	Tray
Package / Case	80-TQFP	Other Names	PIC18LF8520IPT
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	68	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	7 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 32KB (16K x 16) FLASH 80-TQFP (12x12)
Data Converters	A/D 16x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	EBI/EMI, I²C, SPI, UART/USART
Base Part Number	PIC18LF8520		
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	Part#: PIC18LF8525T-I/PT Description: IC MCU 8BIT 48KB FLASH 80TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF8310-I/PT Description: IC MCU 8BIT 8KB FLASH 80TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF8527T-I/PT Description: IC MCU 8BIT 48KB FLASH 80TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18LF8390-I/PT Description: IC MCU 8BIT 8KB FLASH 80TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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