

PIC18F8520T-I/PT



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Part Number: [PIC18F8520T-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](#)
 [PIC18F8520 Errata](#)
 [Timer1 Errata](#)

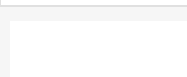
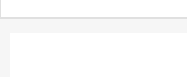
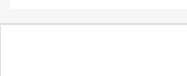
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC18F8520T-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 80TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13963 pcs	Data sheet	PIC18F6x20, 8x20 Programming Specification PIC18F6520, 8520 Rev A1 Silicon, Data Sheet Errata PIC18Fxx20 Timer1 Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.2 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	Tape & Reel (TR)
Package / Case	80-TQFP	Other Names	PIC18F8520T-I/PT-ND PIC18F8520T-I/PTTR
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	8 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	PIC18F8520		
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	Part#: PIC18F8520T-E/PT Description: IC MCU 8BIT 32KB FLASH 80TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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