

PIC18F6520T-I/PT



Part Number: [PIC18F6520T-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 64TQFP

Data sheet:  [PIC18F6x20, 8x20 Programming Specification](#)
 [PIC18F6520, 8520 Rev A1 Silicon, Data Sheet](#)
 [PIC18F6x20 Errata](#)
 [Timer1 Errata](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC18F6520T-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13735 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	64-TQFP (10x10)	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	64-TQFP	Other Names	PIC18F6520T-I/PT-ND PIC18F6520T-I/PTTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	52	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	10 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 64-TQFP (10x10)
Data Converters	A/D 12x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, SPI, UART/USART
Base Part Number	PIC18F6520		
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	Part#: PIC18F6525-E/PT Description: IC MCU 8BIT 48KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F6585-E/PT Description: IC MCU 8BIT 48KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F6525-I/PT Description: IC MCU 8BIT 48KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F6520-E/PT Description: IC MCU 8BIT 32KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18F6493T-I/PT Description: IC MCU 8BIT 16KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F6585-E/L Description: IC MCU 8BIT 48KB FLASH 68PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F6520-I/PT Description: IC MCU 8BIT 32KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F6585-I/L Description: IC MCU 8BIT 48KB FLASH 68PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F6527T-I/PT Description: IC MCU 8BIT 48KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F6585T-I/L Description: IC MCU 8BIT 48KB FLASH 66PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18F6585-I/PT Description: IC MCU 8BIT 48KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F6493-I/PT Description: IC MCU 8BIT 16KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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