

PIC18LF8527T-I/PT



Part Number: [PIC18LF8527T-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 48KB FLASH 80TQFP

Data sheet:  [PIC18F6x2\(2,7\), 8x\(2,7\) Programming Specification](#)
 [PIC18F8722 Family](#)
 [Timer1 Errata](#)

RoHs Status: Lead free / RoHS Compliant

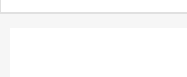
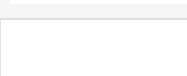
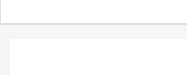
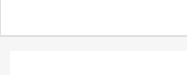
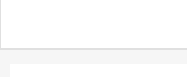
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PRODUCT PARAMETER			
Part Number	PIC18LF8527T-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 48KB FLASH 80TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16748 pcs	Data sheet	PIC18F6x2(2,7), 8x(2,7) Programming Specification PIC18F8722 Family 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	3936 x 8
Program Memory Type	FLASH	Program Memory Size	48KB (24K x 16)
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	80-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	70
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	14 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 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	PIC18LF8527
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	Part#: PIC18LF8585T-I/PT Description: IC MCU 8BIT 48KB FLASH 80TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF8622T-I/PT Description: IC MCU 8BIT 64KB FLASH 80TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF8627T-I/PT Description: IC MCU 8BIT 96KB FLASH 80TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF8490-I/PT Description: IC MCU 8BIT 16KB FLASH 80TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18LF8520T-I/PT Description: IC MCU 8BIT 32KB FLASH 80TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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