

PIC16F1783-E/SP



Part Number: [PIC16F1783-E/SP](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 28SDIP

Data sheet:  [PIC16\(L\)F1782,83](#)
 [PIC16\(L\)F178x Programming Specification](#)
 [PIC16F178\(2,3\) Brief](#)
 [PIC16\(L\)F1782,83 Errata & Datasheet Clarification](#)

RoHs Status: Lead free / RoHS Compliant

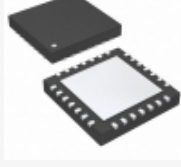
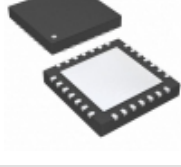
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PRODUCT PARAMETER			
Part Number	PIC16F1783-E/SP	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 7KB FLASH 28SDIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	42968 pcs	Data sheet	PIC16(L)F1782.83 PIC16(L)F178x Programming Specification PIC16F178(2,3) Brief PIC16(L)F1782.83 Errata & Datasheet Clarification
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V
Supplier Device Package	28-SPDIP	Speed	32MHz
Series	PIC® XLP™ 16F	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	7KB (4K x 14)
Peripherals	Brown-out Detect/Reset, POR, PSMC, PWM, WDT	Packaging	Tube
Package / Case	28-DIP (0.300", 7.62mm)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	24
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	7 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	256 x 8
Detailed Description	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 28-SPDIP	Data Converters	A/D 11x12b, D/A 1x8b
Core Size	8-Bit	Core Processor	PIC
Connectivity	I²C, LINbus, SPI, UART/USART	Base Part Number	PIC16F1783
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	Part#: PIC16F1783-I/MV Description: IC MCU 8BIT 7KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1783T-I/ML Description: IC MCU 8BIT 7KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F1782-I/SS Description: IC MCU 8BIT 3.5KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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