

PIC16LF1782-I/SP



Part Number: [PIC16LF1782-I/SP](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB FLASH 28SDIP

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

RoHs Status: Lead free / RoHS Compliant

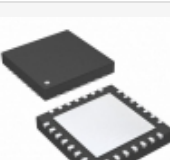
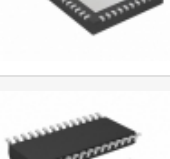
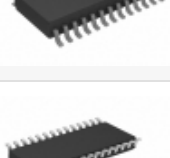
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PRODUCT PARAMETER			
Part Number	PIC16LF1782-I/SP	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 3.5KB FLASH 28SDIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	50040 pcs	Data sheet	PIC16(L)F1782,83 PIC16(L)F178x Programming Specification PIC16(L)F1782,83 Errata & Datasheet Clarification
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	28-SPDIP	Speed	32MHz
Series	PIC® XLP™ 16F	RAM Size	256 x 8
Program Memory Type	FLASH	Program Memory Size	3.5KB (2K x 14)
Peripherals	Brown-out Detect/Reset, POR, PSMC, PWM, WDT	Packaging	Tube
Package / Case	28-DIP (0.300", 7.62mm)	Other Names	PIC16LF1782ISP
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	24	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	5 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 3.5KB (2K 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	PIC16LF1782		
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	Part#: PIC16LF1783-E/SS Description: IC MCU 8BIT 7KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16LF1782T-I/SO Description: IC MCU 8BIT 3.5KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16LF1782T-I/SS Description: IC MCU 8BIT 3.5KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16LF1782T-I/MV Description: IC MCU 8BIT 3.5KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16LF1779T-I/PT Description: IC MCU 8BIT 28KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16LF1783-E/ML Description: IC MCU 8BIT 7KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16LF1783-E/MV Description: IC MCU 8BIT 7KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16LF1779T-I/MV Description: IC MCU 8BIT 28KB FLASH 40UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16LF1782-I/SO Description: IC MCU 8BIT 3.5KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16LF1782-I/MV Description: IC MCU 8BIT 3.5KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ

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