

PIC16F1783-I/ML



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See Product Specifications for product details.
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Part Number: [PIC16F1783-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 28QFN

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

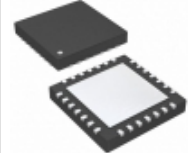
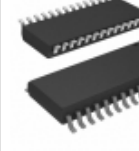
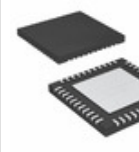
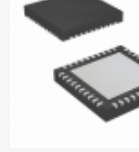
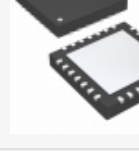
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F1783-I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 7KB FLASH 28QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	51993 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-QFN (6x6)	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-VQFN Exposed Pad	Other Names	PIC16F1783IML
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 7KB (4K x 14) FLASH 28-QFN (6x6)
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/SS Description: IC MCU 8BIT 7KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1783-E/SS Description: IC MCU 8BIT 7KB FLASH 28SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1782T-I/ML Description: IC MCU 8BIT 3.5KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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