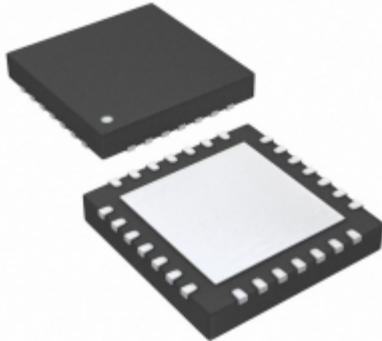


PIC16F1782-E/ML



Images are for reference only.
See Product Specifications for product details.
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Part Number: [PIC16F1782-E/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB FLASH 28QFN

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

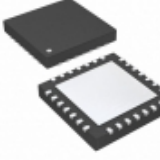
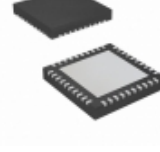
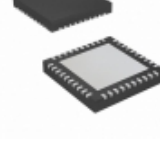
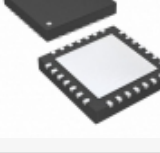
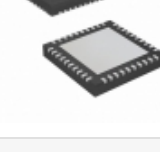
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC16F1782-E/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 3.5KB FLASH 28QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	62232 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)	2.5V ~ 5.5V
Supplier Device Package	28-QFN (6x6)	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-VQFN Exposed Pad	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	4 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-QFN (6x6)	Data Converters	A/D 11x12b, D/A 1x8b
Core Size	8-Bit	Core Processor	PIC
Connectivity	PC, LINbus, SPI, UART/USART	Base Part Number	PIC16F1782
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	Part#: PIC16F1779-I/MV Description: IC MCU 8BIT 28KB FLASH 40UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1779-I/PT Description: IC MCU 8BIT 28KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F1779-E/MV Description: IC MCU 8BIT 28KB FLASH 40UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1782-I/ML Description: IC MCU 8BIT 3.5KB 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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