




Micrel / Microchip Technology

PIC16F1783-E/SP

Part Number: PIC16F1783-E/SP
 Manufacturer/Brand: Micrel / Microchip Technology
 Product description: IC MCU 8BIT 7KB FLASH 28SDIP
 Datasheets:
 1. [PIC16F1783-E/SP.pdf](#)
 2. [PIC16F1783-E/SP.pdf](#)
 3. [PIC16F1783-E/SP.pdf](#)
 4. [PIC16F1783-E/SP.pdf](#)
 RoHS Status:  Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

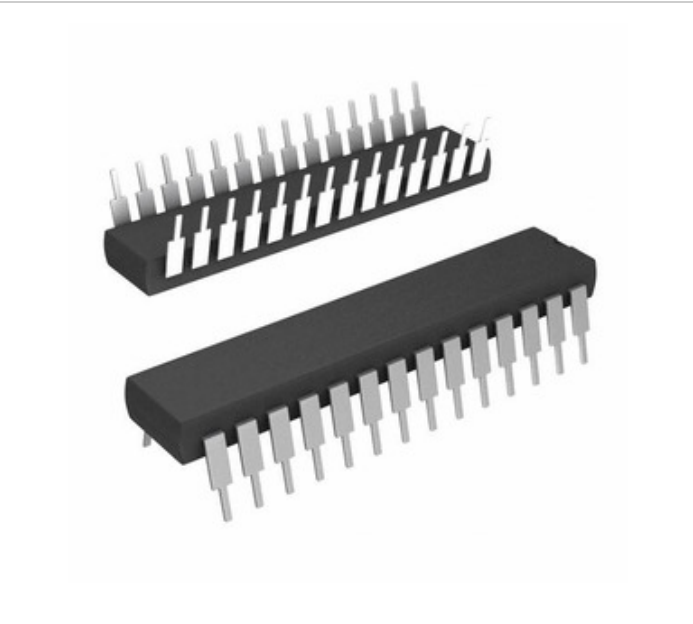


Image may be representation. See specifications for product details.

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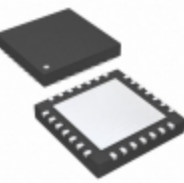
Specifications of PIC16F1783-E/SP

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
DATA SHEET	1. PIC16F1783-E/SP.pdf 2. PIC16F1783-E/SP.pdf 3. PIC16F1783-E/SP.pdf 4. PIC16F1783-E/SP.pdf
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	I ² C, LINbus, SPI, UART/USART
BASE PART NUMBER	PIC16F1783

Related Tags

Micrel / Microchip Technology PIC16F1783-E/SP	PIC16F1783-E/SP Distributor	PIC16F1783-E/SP Supplier
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Related Products

 <p>PIC16F1782T-I/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 28SSOP In stock: Out stock RFQ</p>	 <p>PIC16F1783-E/MV Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28UQFN In stock: 455 pcs RFQ</p>
 <p>PIC16F1782T-I/MV Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 28UQFN In stock: Out stock RFQ</p>	 <p>PIC16F1782T-I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 3.5KB FLASH 28SOIC In stock: Out stock RFQ</p>
 <p>PIC16F1783-I/MV Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28UQFN In stock: 69 pcs RFQ</p>	 <p>PIC16F1783-I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28SOIC In stock: 906 pcs RFQ</p>
 <p>PIC16F1783-E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28SOIC In stock: Out stock RFQ</p>	 <p>PIC16F1783-E/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28SSOP In stock: 423 pcs RFQ</p>
 <p>PIC16F1783-I/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28SSOP In stock: 441 pcs RFQ</p>	 <p>PIC16F1783-E/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28QFN In stock: Out stock RFQ</p>
 <p>PIC16F1783-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28QFN In stock: Out stock RFQ</p>	 <p>PIC16F1783-I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 28SDIP In stock: 513 pcs RFQ</p>