



Micrel / Microchip Technology

## PIC16F1783T-I/SS

Part Number:	PIC16F1783T-I/SS
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 7KB FLASH 28SSOP <a href="#">PDF</a> 1.PIC16F1783T-I/SS.pdf <a href="#">PDF</a> 2.PIC16F1783T-I/SS.pdf <a href="#">PDF</a> 3.PIC16F1783T-I/SS.pdf <a href="#">PDF</a> 4.PIC16F1783T-I/SS.pdf
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	55438 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of PIC16F1783T-I/SS

PART NUMBER	PIC16F1783T-I/SS
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 7KB FLASH 28SSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	55438 pcs
DATA SHEET	<a href="#">PDF</a> 1.PIC16F1783T-I/SS.pdf <a href="#">PDF</a> 2.PIC16F1783T-I/SS.pdf <a href="#">PDF</a> 3.PIC16F1783T-I/SS.pdf <a href="#">PDF</a> 4.PIC16F1783T-I/SS.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	28-SSOP
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	Tape & Reel (TR)
PACKAGE / CASE	28-SSOP (0.209", 5.30mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	24
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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-SSOP
DATA CONVERTERS	A/D 11x12b, D/A 1x8b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, LINbus, SPI, UART/USART
BASE PART NUMBER	PIC16F1783

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### Related Products

<p><b>PIC16F1783-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 28SOIC                  In stock: 49338 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F1784-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 44TQFP                  In stock: 52241 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F1784-I/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 40UQFN                  In stock: 43618 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F1783-I/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 28SDIP                  In stock: 40681 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F1783-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 28SSOP                  In stock: 53845 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F1784-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 44QFN                  In stock: 46946 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F1784-E/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 40UQFN                  In stock: 47179 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F1783T-I/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 28UQFN                  In stock: 51052 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F1784-E/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 44QFN                  In stock: 50345 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F1783T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 28SOIC                  In stock: 59874 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F1784-E/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 40DIP                  In stock: 47759 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F1783T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 28QFN                  In stock: 52293 pcs  <a href="#">RFQ</a></p>