



Micrel / Microchip Technology

## PIC16F1784T-I/PT

Part Number:	PIC16F1784T-I/PT
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 7KB FLASH 44TQFP
Datasheets:	<a href="#">1.PIC16F1784T-I/PT.pdf</a> <a href="#">2.PIC16F1784T-I/PT.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	58305 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 PIC16F1784T-I/PT

PART NUMBER	PIC16F1784T-I/PT
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 7KB FLASH 44TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	58305 pcs
DATA SHEET	<a href="#">1.PIC16F1784T-I/PT.pdf</a> <a href="#">2.PIC16F1784T-I/PT.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-TQFP (10x10)
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	44-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	35
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 44-TQFP (10x10)
DATA CONVERTERS	A/D 14x12b, D/A 1x8b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, LINbus, SPI, UART/USART
BASE PART NUMBER	PIC16F1784

### Related Tags

Micrel / Microchip Technology PIC16F1784T-I/PT	PIC16F1784T-I/PT Distributor	PIC16F1784T-I/PT Supplier
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### Related Products

<p><b>PIC16F1784T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 44QFN                  In stock: 48519 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F1786-E/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 28SOIC                  In stock: 45721 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-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 40DIP                  In stock: 41627 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F1786-E/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 28SSOP                  In stock: 51086 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F1786-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 28QFN                  In stock: 40449 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F1786-E/SP</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 28SDIP                  In stock: 44952 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F1786-E/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 28QFN                  In stock: 46805 pcs  <a href="#">RFQ</a></p>
<p><b>PIC16F1786-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 28SOIC                  In stock: 44338 pcs  <a href="#">RFQ</a></p>	<p><b>PIC16F1784T-I/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 40UQFN                  In stock: 46395 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>PIC16F1784-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 44TQFP                  In stock: 38223 pcs  <a href="#">RFQ</a></p>