



Micrel / Microchip Technology

## PIC16F1578-I/P


Part Number: PIC16F1578-I/P  
 Manufacturer/Brand: Micrel / Microchip Technology  
 Product description: IC MCU 8BIT 7KB FLASH 20DIP  
[PDF](#) 1.PIC16F1578-I/P.pdf  
[PDF](#) 2.PIC16F1578-I/P.pdf  
[PDF](#) 3.PIC16F1578-I/P.pdf  
 Datasheets:  
 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.

[REQUEST FOR QUOTATION](#)

### Specifications of PIC16F1578-I/P

PART NUMBER	PIC16F1578-I/P
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 7KB FLASH 20DIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF</a> 1.PIC16F1578-I/P.pdf <a href="#">PDF</a> 2.PIC16F1578-I/P.pdf <a href="#">PDF</a> 3.PIC16F1578-I/P.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	20-PDIP
SPEED	32MHz
SERIES	PIC® 16F
RAM SIZE	512 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	7KB (4K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	20-DIP (0.300", 7.62mm)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	12
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	PIC PIC® 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 20-PDIP
DATA CONVERTERS	A/D 12x10b, D/A 1x5b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	LINbus, UART/USART
BASE PART NUMBER	PIC16F1578

### Related Tags

Micrel / Microchip Technology PIC16F1578-I/P	PIC16F1578-I/P Distributor	PIC16F1578-I/P Supplier
PIC16F1578-I/P Price	PIC16F1578-I/P Pictures	PIC16F1578-I/P Image
PIC16F1578-I/P PDF Datasheet	PIC16F1578-I/P Download Datasheet	PIC16F1578-I/P Datasheet
PIC16F1578-I/P Stock	Buy PIC16F1578-I/P	Buy Micrel / Microchip Technology PIC16F1578-I/P
Micrel / Microchip Technology PIC16F1578-I/P	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology PIC16F1578-I/P	Microchip Technology PIC16F1578-I/P	Roving Networks / Microchip Technology PIC16F1578-I/P

### Related Products

 <p><b>PIC16F1578-E/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20DIP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16F1578-E/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16F1575T-I/ST</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 14TSSOP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16F1578T-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16F1578-E/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16F1578T-I/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16F1578T-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16F1578-I/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16F1579-E/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16F1578-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16F1578-I/SO</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SOIC                  In stock: 688 pcs  <a href="#">RFQ</a></p>	 <p><b>PIC16F1578-E/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 20SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>

