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See specifications for product details.

PIC16F1578T-I/GZ

Part Number: **PIC16F1578T-I/GZ**
 Product Description: IC MCU 8BIT 7KB FLASH 20UQFN
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [1.PIC16F1578T-I/GZ.pdf](#)
[2.PIC16F1578T-I/GZ.pdf](#)
[3.PIC16F1578T-I/GZ.pdf](#)

Manufacturer/Brand: Micrel / Microchip Technology
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Product details

Part Number	PIC16F1578T-I/GZ	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 7KB FLASH 20UQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	1.PIC16F1578T-I/GZ.pdf2.PIC16F1578T-I/GZ.pdf3.PIC16F1578T-I/GZ.pdf		
Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V	Supplier Device Package	20-UQFN (4x4)
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	Tape & Reel (TR)	Package / Case	20-UQFN Exposed Pad
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-UQFN (4x4)
Data Converters	A/D 12x10b, D/A 1x5b	Core Size	8-Bit
Core Processor	PIC	Connectivity	LINbus, UART/USART
Base Part Number	PIC16F1578		

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