



Micrel / Microchip Technology

PIC16F1778-I/MX

Part Number:	PIC16F1778-I/MX
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 28KB FLASH 28UQFN
Datasheets:	1.PIC16F1778-I/MX.pdf 2.PIC16F1778-I/MX.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	55232 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 PIC16F1778-I/MX

PART NUMBER	PIC16F1778-I/MX
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 28KB FLASH 28UQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	55232 pcs
DATA SHEET	1.PIC16F1778-I/MX.pdf 2.PIC16F1778-I/MX.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	28-UQFN (6x6)
SPEED	32MHz
SERIES	PIC® XLP™ 16F
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	28KB (16K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	28-UQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	25
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	128 x 8
DETAILED DESCRIPTION	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 28KB (16K x 14) FLASH 28-UQFN (6x6)
DATA CONVERTERS	A/D 17x10b, D/A 3x5b, 3x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I ² C, LINbus, SPI, UART/USART
BASE PART NUMBER	PIC16F1778

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<p>PIC16F1778-I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 28KB FLASH 28SDIP In stock: 36622 pcs RFQ</p>	<p>PIC16F1778-I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 28KB FLASH 28SOIC In stock: 43873 pcs RFQ</p>
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