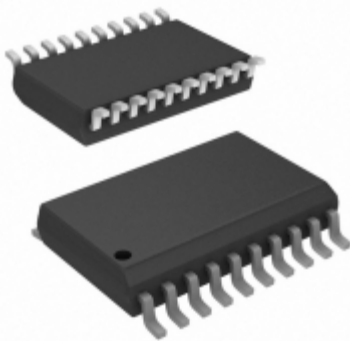


PIC16F1828-I/SO



Images are for reference only.
See Product Specifications for product details.
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Part Number: [PIC16F1828-I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 20SOIC

Data sheet:  [PIC112F,PIC16F182X Overview](#)
 [Next Generation Peripherals Brochure](#)
 [PIC16\(L\)F1824,1828 Errata & Datasheet](#)
 [PIC16F1824,28](#)
 [PIC12F1822, PIC16F182x Brief](#)

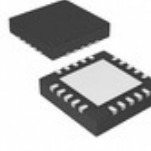
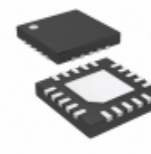
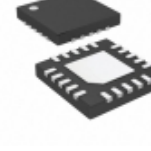
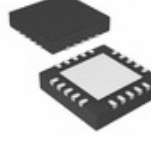
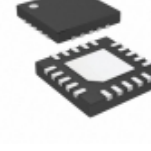
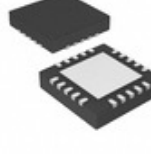
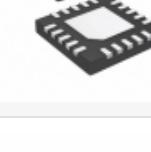
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	PIC16F1828-I/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 7KB FLASH 20SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	84155 pcs	Data sheet	PIC112F,PIC16F182X Overview Next Generation Peripherals Brochure PIC16(L)F1824,1828 Errata & Datasheet Clarificatio PIC16F(L)1824,28 PIC12F1822, PIC16F182x Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	20-SOIC	Speed	32MHz
Series	PIC® XLP™ mTouch™ 16F	RAM Size	256 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-SOIC (0.295", 7.50mm Width)	Other Names	PIC16F1828ISO
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	17	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	8 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	256 x 8	Detailed Description	PIC PIC® XLP™ mTouch™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 20-SOIC
Data Converters	A/D 12x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, SPI, UART/USART
Base Part Number	PIC16F1828		
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	Part#: PIC16F1829-E/SO Description: IC MCU 8BIT 14KB FLASH 20SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1828T-I/SS Description: IC MCU 8BIT 7KB FLASH 20SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F1828T-I/ML Description: IC MCU 8BIT 7KB FLASH 20QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1827T-I/SO Description: IC MCU 8BIT 7KB FLASH 18SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1828T-I/GZ Description: IC MCU 8BIT 7KB FLASH 20UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1828-E/SO Description: IC MCU 8BIT 7KB FLASH 20SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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