

PIC16F1828-I/P



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Part Number: [PIC16F1828-I/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 20DIP

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

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PRODUCT PARAMETER			
Part Number	PIC16F1828-I/P	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 7KB FLASH 20DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	74825 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-PDIP	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-DIP (0.300", 7.62mm)	Other Names	PIC16F1828IP
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	5 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-PDIP
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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