

PIC16F1829T-I/SO



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Part Number: [PIC16F1829T-I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 20SOIC

Data sheet:  [PIC16\(L\)F1825,29 Datasheet](#)
 [PIC112F,PIC16F182X Overview](#)
 [PIC16\(L\)F1825,1829 Errata](#)
 [Next Generation Peripherals Brochure](#)
 [PIC12F1822, PIC16F182x Brief](#)

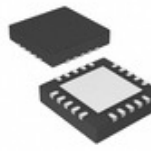
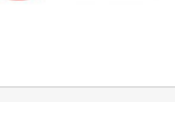
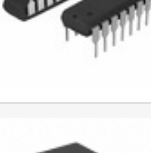
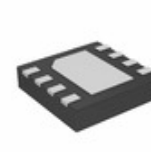
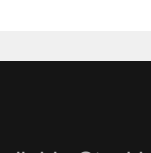
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F1829T-I/SO	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 14KB FLASH 20SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	65006 pcs	Data sheet	PIC16(L)F1825,29 Datasheet PIC112F,PIC16F182X Overview PIC16(L)F1825,1829 Errata Next Generation Peripherals Brochure 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	1K x 8
Program Memory Type	FLASH	Program Memory Size	14KB (8K x 14)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	20-SOIC (0.295", 7.50mm Width)	Other Names	PIC16F1829T-I/SO-ND PIC16F1829T-I/SOTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	17	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	6 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 14KB (8K x 14) FLASH 20-SOIC
Data Converters	A/D 12x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, LINbus, SPI, UART/USART
Base Part Number	PIC16F1829		
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