

PIC16F1827T-I/ML



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Part Number: [PIC16F1827T-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 28QFN

Data sheet:  [PIC16F/LF1826/27](#)
 [PIC16F1826,1827 Brief](#)
 [Next Generation Peripherals Brochure](#)
 [PIC16\(L\)F182x,PIC12\(L\)F1822 Programming Spec](#)
 [PIC16F,LF182\(6,7\) Errata & Data Sheet Clarificati](#)

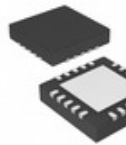
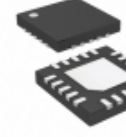
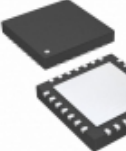
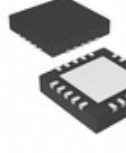
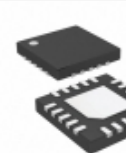
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F1827T-I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 7KB FLASH 28QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	61238 pcs	Data sheet	PIC16F/LF1826/27 PIC16F1826,1827 Brief Next Generation Peripherals Brochure PIC16(L)F182x,PIC12(L)F1822 Programming Spec PIC16F,LF182(6,7) Errata & Data Sheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Clarificati 1.8 V ~ 5.5 V
Supplier Device Package	28-QFN (6x6)	Speed	32MHz
Series	PIC® XLP™ mTouch™ 16F	RAM Size	384 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	28-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	16
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	10 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 28-QFN (6x6)	Data Converters	A/D 12x10b
Core Size	8-Bit	Core Processor	PIC
Connectivity	I²C, SPI, UART/USART	Base Part Number	PIC16F1827
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	Part#: PIC16F1827-I/P Description: IC MCU 8BIT 7KB FLASH 18DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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