

PIC16F819T-E/ML



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Part Number: [PIC16F819T-E/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB FLASH 28QFN

Data sheet:  [PIC16F818, 819](#)
 [PIC16F818, 819 Rev B0 Silicon Errata](#)
 [Tips N Tricks Guide](#)
 [SSP Module Errata](#)
 [Timer1 Errata](#)
 [PICmicro™ Reference Manual](#)
 [PIC16F818, 819 Rev A4 Silicon Errata](#)
 [MPLAB® ICE2000 Spec](#)

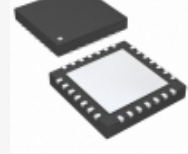
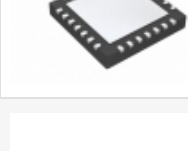
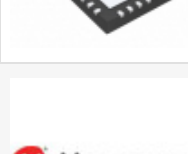
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC16F819T-E/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 3.5KB FLASH 28QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4289 pcs	Data sheet	PIC16F818, 819 PIC16F818, 819 Rev B0 Silicon Errata Tips N Tricks Guide SSP Module Errata Timer1 Errata PICmicro™ Reference Manual PIC16F818, 819 Rev A4 Silicon Errata MPLAB® ICE2000 Spec
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4 V ~ 5.5 V
Supplier Device Package	28-QFN (6x6)	Speed	20MHz
Series	PIC® 16F	RAM Size	256 x 8
Program Memory Type	FLASH	Program Memory Size	3.5KB (2K 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 ~ 125°C (TA)	Number of I/O	16
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	256 x 8	Detailed Description	PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 3.5KB (2K x 14) FLASH 28-QFN (6x6)
Data Converters	A/D 5x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, SPI
Base Part Number	PIC16F819		
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	Part#: PIC16F819-E/SO Description: IC MCU 8BIT 3.5KB FLASH 18SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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