

PIC16LF819-I/ML



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Part Number: [PIC16LF819-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB FLASH 28QFN

Data sheet:  [PIC16F818, 819](#)
 [PIC16F818, 819 Rev B0 Silicon Errata](#)
 [Timer1 Module Silicon Errata Sheet](#)
 [SSP Module Errata](#)
 [PIC16F818, 819 Rev A4 Silicon Errata](#)

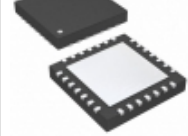
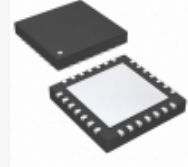
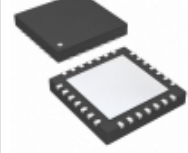
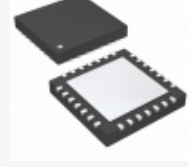
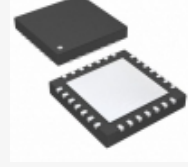
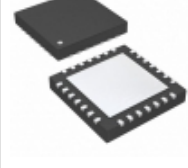
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16LF819-I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 3.5KB FLASH 28QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	43522 pcs	Data sheet	PIC16F818, 819 PIC16F818, 819 Rev B0 Silicon Errata Timer1 Module Silicon Errata Sheet SSP Module Errata PIC16F818, 819 Rev A4 Silicon Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V
Supplier Device Package	28-QFN (6x6)	Speed	10MHz
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	Tube
Package / Case	28-VQFN Exposed Pad	Other Names	PIC16LF819IML
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	16	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® 16F Microcontroller IC 8-Bit 10MHz 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	PIC16LF819		
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	Part#: PIC16LF818T-I/SSTSL Description: IC MCU 8BIT 1.75KB FLASH 20SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16LF819-I/P Description: IC MCU 8BIT 3.5KB FLASH 18DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16LF818T-E/SO Description: IC MCU 8BIT 1.75KB FLASH 18SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16LF818T-E/ML Description: IC MCU 8BIT 1.75KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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