

PIC16LF819-I/SS



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

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB FLASH 20SSOP

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

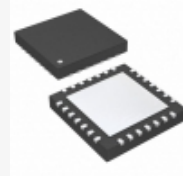
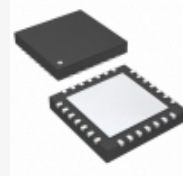
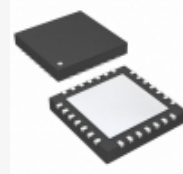
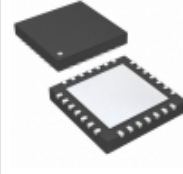
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16LF819-I/SS	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 3.5KB FLASH 20SSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	44947 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	20-SSOP	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	20-SSOP (0.209", 5.30mm Width)	Other Names	PIC16LF819ISS
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® 16F Microcontroller IC 8-Bit 10MHz 3.5KB (2K x 14) FLASH 20-SSOP
Data Converters	A/D 5x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, SPI
Base Part Number	PIC16LF819		
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