

PIC16F819-E/P



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Part Number: [PIC16F819-E/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 3.5KB FLASH 18DIP

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](#)

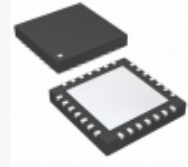
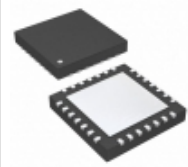
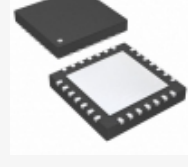
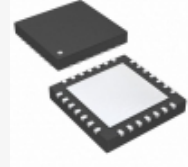
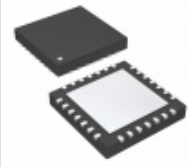
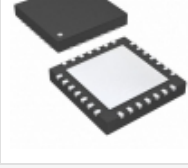
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F819-E/P	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 3.5KB FLASH 18DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	45780 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	18-PDIP	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	Tube
Package / Case	18-DIP (0.300", 7.62mm)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	16
Moisture Sensitivity Level (MSL)	Not Applicable	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 20MHz 3.5KB (2K x 14) FLASH 18-PDIP	Data Converters	A/D 5x10b
Core Size	8-Bit	Core Processor	PIC
Connectivity	I²C, SPI	Base Part Number	PIC16F819
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