

PIC16F1618-I/ML



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See Product Specifications for product details.
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Part Number: [PIC16F1618-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 20QFN

Data sheet:  [PIC16\(L\)F1614/8 Datasheet](#)
 [PIC12/16\(L\)F161x Brief](#)
 [PIC16\(L\)F1614/1618 Family Silicon Errata and Data](#)

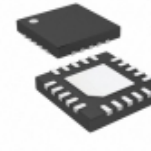
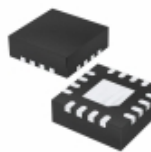
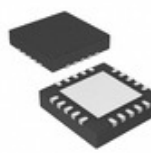
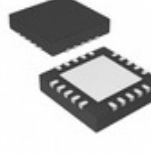
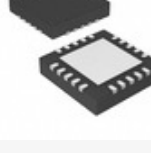
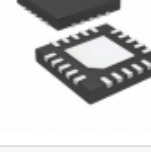
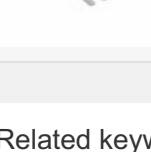
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC16F1618-I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 7KB FLASH 20QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	71642 pcs	Data sheet	PIC16(L)F1614/8 Datasheet PIC12/16(L)F161x Brief PIC16(L)F1614/1618 Family Silicon Errata and Data
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Data 2.3 V ~ 5.5 V
Supplier Device Package	20-QFN (4x4)	Speed	32MHz
Series	PIC® XLP™ 16F	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	7KB (4K x 14)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	20-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	18
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	14 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 20-QFN (4x4)	Data Converters	A/D 12x10b, D/A 1x8b
Core Size	8-Bit	Core Processor	PIC
Connectivity	IC, LINbus, SPI, UART/USART	Base Part Number	PIC16F1618
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