

PIC16F1527-E/MR



Part Number: [PIC16F1527-E/MR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 28KB FLASH 64QFN

Data sheet:  [PIC16\(L\)F1526,1527 Errata](#)
 [PIC16\(L\)F151x,152x Programming Spec](#)
 [PIC16F\(LF\)1526/1527 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

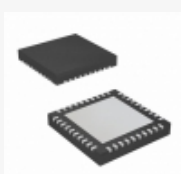
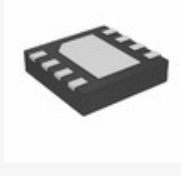
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PRODUCT PARAMETER			
Part Number	PIC16F1527-E/MR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 28KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	47741 pcs	Data sheet	PIC16(L)F1526,1527 Errata PIC16(L)F151x,152x Programming Spec PIC16F(LF)1526/1527 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V
Supplier Device Package	64-QFN (9x9)	Speed	20MHz
Series	PIC® XLP™ 16F	RAM Size	1.5K x 8
Program Memory Type	FLASH	Program Memory Size	28KB (16K x 14)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tube
Package / Case	64-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	54
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	26 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 20MHz 28KB (16K x 14) FLASH 64-QFN (9x9)	Data Converters	A/D 30x10b
Core Size	8-Bit	Core Processor	PIC
Connectivity	I²C, LINbus, SPI, UART/USART	Base Part Number	PIC16F1527
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	Part#: PIC16F1526-I/MR Description: IC MCU 8BIT 14KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F15313-E/SN Description: IC MCU 8BIT 3.5KB FLASH 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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