

PIC18F2510-E/ML



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Part Number: [PIC18F2510-E/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 28QFN

Data sheet:

 [PIC18F2x10, 4x10 Revision B2 Errata](#)

 [PIC18F\(2, 4\)zzz Programming Specification](#)

 [PIC18F2x10, 4x10 Revision B3 Errata](#)

 [PIC18F2x1x, 4x1x Data Sheet Errata](#)

 [PIC18F2x10, 4x10 Revision A1 Errata](#)

 [Timer1 Errata](#)

 [PIC18\(L\)F2x1x, 4x1x Data Sheet](#)

 [PIC18F2x10, 4x10 Rev B4 Errata](#)

RoHs Status: Contains lead / RoHS non-compliant

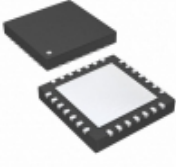
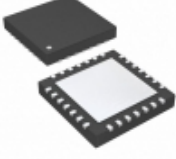
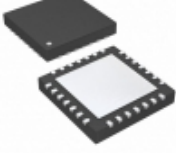
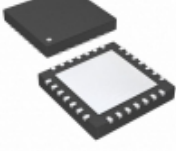
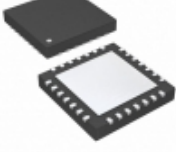
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PRODUCT PARAMETER			
Part Number	PIC18F2510-E/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 28QFN	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	20859 pcs	Data sheet	PIC18F2x10, 4x10 Revision B2 Errata PIC18F(2, 4)zzz Programming Specification PIC18F2x10, 4x10 Revision B3 Errata PIC18F2x1x, 4x1x Data Sheet Errata PIC18F2x10, 4x10 Revision A1 Errata Timer1 Errata PIC18(L)F2x1x, 4x1x Data Sheet PIC18F2x10, 4x10 Rev B4 Errata

Category	[Integrated Circuits \(ICs\)](#)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Supplier Device Package	28-QFN (6x6)	Speed	25MHz
Series	PIC® 18F	RAM Size	1.5K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (16K x 16)
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Packaging	Tube
Package / Case	28-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	25
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	5 Weeks
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	EEPROM Size	-
Detailed Description	PIC PIC® 18F Microcontroller IC 8-Bit 25MHz 32KB (16K x 16) FLASH 28-QFN (6x6)	Data Converters	A/D 10x10b
Core Size	8-Bit	Core Processor	PIC
Connectivity	I²C, SPI, UART/USART	Base Part Number	PIC18F2510
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RELATED PRODUCTS			
	Part#: PIC18F24K50T-I/ML Description: IC MCU 8BIT 16KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F2515-E/SP Description: IC MCU 8BIT 48KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F24K50T-I/SO Description: IC MCU 8BIT 16KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F24Q10-I/ML Description: 16KB FLASH, 1KB RAM, 256B EEPROM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F2510-E/SO Description: IC MCU 8BIT 32KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F24Q10T-I/SS Description: 16KB FLASH, 1KB RAM, 256B EEPROM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F24Q10T-I/ML Description: 16KB FLASH, 1KB RAM, 256B EEPROM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F24Q10-I/SP Description: 16KB FLASH, 1KB RAM, 256B EEPROM	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18F24Q10-I/SS Description: 16KB FLASH, 1KB RAM, 256B EEPROM	Manufacturers: Micrel / Microchip Technology	RFQ
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