

PIC16F1946T-I/MR



Part Number: [PIC16F1946T-I/MR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 64QFN

Data sheet:  [PIC16\(L\)F1946,1947 Errata](#)
 [PIC16\(L\)F1946/47 Datasheet](#)
 [Next Generation Peripherals Brochure](#)
 [PIC16\(L\)F19xx Programming Spec](#)

RoHs Status: Lead free / RoHS Compliant

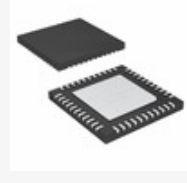
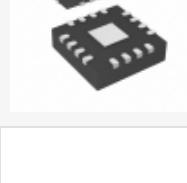
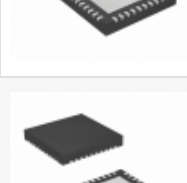
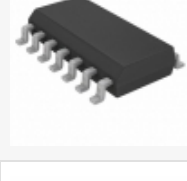
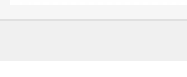
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PRODUCT PARAMETER			
Part Number	PIC16F1946T-I/MR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 14KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39895 pcs	Data sheet	PIC16(L)F1946,1947 Errata PIC16(L)F1946/47 Datasheet Next Generation Peripherals Brochure PIC16(L)F19xx Programming Spec
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	64-QFN (9x9)	Speed	32MHz
Series	PIC® XLP™ 16F	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	14KB (8K x 14)
Peripherals	Brown-out Detect/Reset, LCD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	64-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°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	256 x 8
Detailed Description	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 64-QFN (9x9)	Data Converters	A/D 17x10b
Core Size	8-Bit	Core Processor	PIC
Connectivity	I²C, LINbus, SPI, UART/USART	Base Part Number	PIC16F1946
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	Part#: PIC16F1946-E/MR Description: IC MCU 8BIT 14KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1947-I/PT Description: IC MCU 8BIT 28KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F1946-E/PT Description: IC MCU 8BIT 14KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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