

PIC16F1946-I/PT



Part Number: [PIC16F1946-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 64TQFP

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

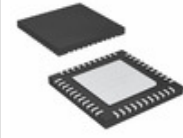
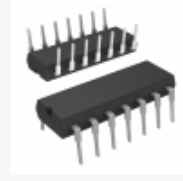
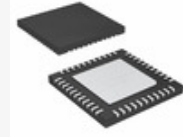
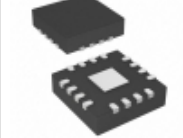
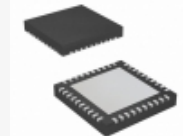
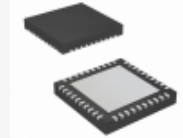
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Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC16F1946-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 14KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	47939 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-TQFP (10x10)	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	Tray
Package / Case	64-TQFP	Other Names	PIC16F1946IPT
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	10 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-TQFP (10x10)
Data Converters	A/D 17x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	PC, LINbus, SPI, UART/USART
Base Part Number	PIC16F1946		
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	Part#: PIC16F1939-I/ML Description: IC MCU 8BIT 28KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F505-E/P Description: IC MCU 8BIT 1.5KB FLASH 14DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1939T-I/PT Description: IC MCU 8BIT 28KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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