

PIC16F1937T-I/PT



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Part Number: [PIC16F1937T-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 44TQFP

Data sheet:  [nanoWatt XLP MCU Brochure](#)
 [Next Generation Peripherals Brochure](#)
 [PIC16\(L\)F19xx Programming Spec](#)
 [PIC16\(L\)F1934,6,7 Datasheet](#)
 [PIC\(L\)F193x Family Errata and Data Sheet](#)
[Clarifica](#)

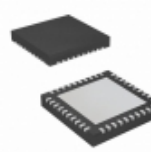
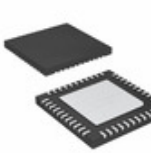
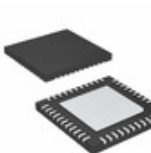
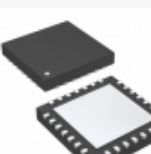
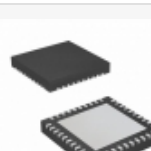
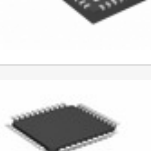
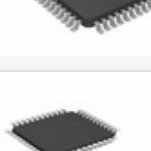
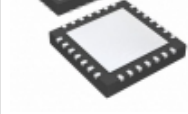
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC16F1937T-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 14KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	48837 pcs	Data sheet	nanoWatt XLP MCU Brochure Next Generation Peripherals Brochure PIC16(L)F19xx Programming Spec PIC16(L)F1934.6,7 Datasheet PIC(L)F193x Family Errata and Data Sheet Clarifica
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	44-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	Tape & Reel (TR)
Package / Case	44-TQFP	Other Names	PIC16F1937T-I/PT-ND PIC16F1937T-I/PTTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	36	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 44-TQFP (10x10)
Data Converters	A/D 14x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, LINbus, SPI, UART/USART
Base Part Number	PIC16F1937		
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	Part#: PIC16F1937T-I/MV Description: IC MCU 8BIT 14KB FLASH 40UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1938-E/MV Description: IC MCU 8BIT 28KB FLASH 28UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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