

PIC16F1768T-I/SS



Part Number: [PIC16F1768T-I/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 7KB FLASH 20SSOP

Data sheet:  [PIC16\(L\)F1764,5,8,9 Brief](#)
 [PIC16\(L\)F1764/5/8/9 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

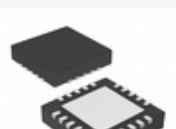
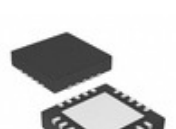
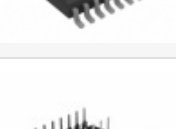
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PRODUCT PARAMETER			
Part Number	PIC16F1768T-I/SS	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 7KB FLASH 20SSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	76509 pcs	Data sheet	PIC16(L)F1764,5,8,9 Brief PIC16(L)F1764/5/8/9 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V
Supplier Device Package	20-SSOP	Speed	32MHz
Series	PIC® XLP™ 16F	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	7KB (4K x 14)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	20-SSOP (0.209", 5.30mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	18
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	128 x 8
Detailed Description	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 7KB (4K x 14) FLASH 20-SSOP	Data Converters	A/D 12x10b, D/A 2x5b, 2x10b
Core Size	8-Bit	Core Processor	PIC
Connectivity	PC, LINbus, SPI, UART/USART	Base Part Number	PIC16F1768
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	Part#: PIC16F1768-I/SS Description: IC MCU 8BIT 7KB FLASH 20SSOP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1769-E/SO Description: IC MCU 8BIT 14KB FLASH 20SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F1768T-I/ML Description: IC MCU 8BIT 7KB FLASH 20QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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