

PIC16F1823T-I/ST



Part Number: [PIC16F1823T-I/ST](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP
Data sheet: [PDF PIC12\(L\)F1822, PIC16\(L\)F1823](#)
[PDF Next Generation Peripherals Brochure](#)
[PDF PIC12F1822, PIC16F182x Brief](#)
[PDF PIC12\(L\)F1822, PIC16\(L\)F1823 Errata & Data Sheet CI](#)

RoHS Status: Lead free / RoHS Compliant
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PRODUCT PARAMETER

Part Number	PIC16F1823T-I/ST	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 3.5KB FLASH 14TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	94990 pcs	Data sheet	PIC12(L)F1822, PIC16(L)F1823 Next Generation Peripherals Brochure PIC12F1822, PIC16F182x Brief PIC12(L)F1822, PIC16(L)F1823 Errata & Data Sheet CI
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.5 V
Supplier Device Package	14-TSSOP	Speed	32MHz
Series	PIC® XLP™ 16F	RAM Size	128 x 8
Program Memory Type	FLASH	Program Memory Size	3.5KB (2K x 14)
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Other Names	PIC16F1823T-I/ST-ND PIC16F1823T-I/STTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	12	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	13 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 3.5KB (2K x 14) FLASH 14-TSSOP
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I ² C, LINbus, SPI, UART/USART
Base Part Number	PIC16F1823		

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	Part#: PIC16F1823-I/ST Description: IC MCU 8BIT 3.5KB FLASH 14TSSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC16F1823-I/P Description: IC MCU 8BIT 3.5KB FLASH 14DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1824-I/SL Description: IC MCU 8BIT 7KB FLASH 14SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1824-E/ML Description: IC MCU 8BIT 7KB FLASH 16QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC16F1824-I/ST Description: IC MCU 8BIT 7KB FLASH 14TSSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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