

8-bit Microcontrollers - MCU 3.5KB 128B RAM 32MHz Int. Osc 12 I/O

Manufacturers	<u>Microchip Technology, Inc</u>
Package/Case	SOIC-14
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for PIC16F1823T-I/SL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

OVERVIEW

The PIC16F/LF182X and PIC12F/LF1822 devices can be programmed using either the high-voltage In-Circuit Serial Programming™ (ICSPTM) method or the low voltage ICSPTM method.

Features

Enhanced Mid-range Core with 49 Instruction, 16 Stack Levels

Flash Program Memory with self read/write capability

Internal 32MHz oscillator

Integrated Capacitive mTouch Sensing Module

Data Signal Modulator Module

MI2C, SPI, EUSART w/auto baud

ECCP (Enhanced/Capture Compare PWM) Module

Comparators with selectable Voltage Reference

8 Channel 10b ADC with Voltage Reference

25mA Source/Sink current I/O

Two 8-bit Timers (TMR0/TMR2)

One 16-bit Timer (TMR1)

Extended Watchdog Timer (EWDT)

Enhanced Power-On/Off-Reset

Brown-Out Reset (BOR)

In Circuit Serial Programming (ICSP)

On Board In-Circuit Debug

Wide Operating Voltage (1.8V – 5.5V)

Low Power PIC16LF182x variants (1.8V – 3.6V)

Standby Current (PIC16LF182X): 20 nA @ 1.8V, typical

Active Current(PIC12LF1823): 50 uA/MHz @ 1.8V, typical

(1P) CATALOG P/N: PIC16F1823T-I/SL



(1T) LOT NO.: 224401524000MMT



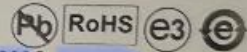
(P) CUST. P/N: 746419-00



MPC: LEBD1TD3XB04



ID#: (001) TRACE CODE: 2204G2M,2204G2Q



MSL: 1/260C
PKG: SOIC
LEAD: 14

(Q) QTY
2600



D/C	QTY
2204	2600
-	-
-	-

SEAL DATE : 02/10/22
WAFER QTY: -
WAFER REV: -
RECERT D/C: -
WAFER LOT: -



MADE IN THAILAND



(1P) CATALOG P/N: **PIC16F1823T-I/SL**

(1T) LOT NO.: **224401524000MMT**

(P) CUST. P/N: 746419-00

MPC: **LEBD1TD3XB04**

ID#: (001) TRACE CODE: 2204G2M,2204G2Q

MSL: 1/260C
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2600

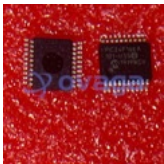
D/C	QTY
2204	2600
-	-
-	-

SEAL DATE : 02/10/22
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 WAFER REV: -
 RECERT D/C: -
 WAFER LOT: -

QC408

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Related Products



[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc
 SSOP-20



[PIC16F1936-I/SS](#)

Microchip Technology, Inc
 SSOP-28



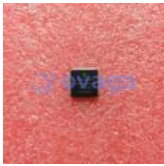
[PIC16F1938-I/SP](#)

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[PIC18F23K22-I/SP](#)

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[PIC18F6520-I/PT](#)

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Microchip Technology, Inc
SOIC-28



[PIC18F97J60T-I/PT](#)

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TQFP-100