PIC16F1825T-I/SLVAO

14 KB Flash, 1K bytes RAM, 32 MHz Int. Osc, 12 I/O
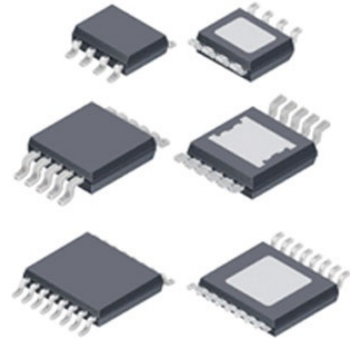
Manufacturers	Microchip Technology, Inc
Package/Case	SOIC
Product Type	
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for PIC16F1825T-I/SLVAO or Email to us: 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™ (ICSP™) method or the low voltage ICSP™ 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 for generation of custom bit streams

CVREF can be used as 5-bit DAC

MI2C, SPI, EUSART w/auto baud

2 ECCP & 2 CCP (Enhanced/Capture Compare PWM)

Comparators with selectable Voltage Reference

8 Channel 10b ADC with Voltage Reference

25mA Source/Sink current I/O

Four 8-bit Timers (TMR0/TMR2/TMR4/TMR6)

One 16-bit Timer (TMR1)

Extended Watchdog Timer (EWDT)

Enhanced Power-On/Off-Reset

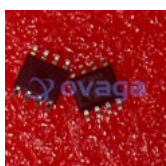Brown-Out Reset (BOR)

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): 30 nA @ 1.8V, typical

Related Products

PIC12F1840-I/SNVAO

Microchip Technology, Inc

SOIC

PIC18F57Q43T-I/PT

Microchip Technology, Inc

TQFP

Ovaga Technologies Limited   **Email: sales@ovaga.com**

PIC18F57Q43-I/PT

Microchip Technology, Inc

TQFP

PIC18F45K80T-H/PTVAO

Microchip Technology, Inc

TQFP
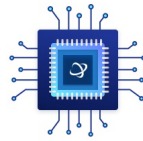
PIC16F1946T-I/PTVAO

Microchip Technology, Inc

TQFP

PIC16F1946-I/PTVAO

Microchip Technology, Inc

TQFP

PIC18F47Q43-I/PT

Microchip Technology, Inc

TQFP

BM-71-PICTAIL

Microchip Technology, Inc

N/A