Ovaga

PIC12F1840-I/MF

8 Bit MCU, Flash, PIC12 Family PIC12F18xx Series Microcontrollers, 32 MHz, 7 KB, 256 Byte, 8 Pins

Manufacturers	Microchip Technology, Inc
Package/Case	DFN-8
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for PIC12F1840-I/MF or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

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

Comparator with selectable Voltage Reference

4 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)
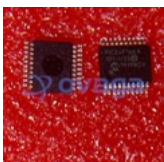
On Board In-Circuit Debug

Wide Operating Voltage (1.8V – 5.5V)

Low Power PIC12LF182x variants (1.8V – 3.6V)

Standby Current (PIC12LF1840): 20 nA @ 1.8V, typical

Active Current (PIC12LF1840): 50uA/MHz @ 1.8V, typical

Related Products

PIC24F16KA101-I/SS

Microchip Technology, Inc

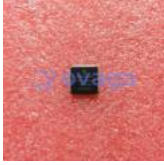SSOP-20

PIC16F1936-I/SS

Microchip Technology, Inc

SSOP-28

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

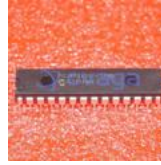**PIC16F1938-I/SP**

Microchip Technology, Inc

PDIP-28

PIC18F23K22-I/SP

Microchip Technology, Inc

SPDIP-28

PIC18F6520-I/PT

Microchip Technology, Inc

TQFP-64

PIC18F2620-I/SP

Microchip Technology, Inc

SPDIP-28

PIC18F2620-I/SO

Microchip Technology, Inc

SOIC-28

PIC18F97J60T-I/PT

Microchip Technology, Inc

TQFP-100