

8 Pin 7 KB Flash, 256 bytes RAM, 32 MHz Int Osc 6 I/O, Enh Mid Range Core

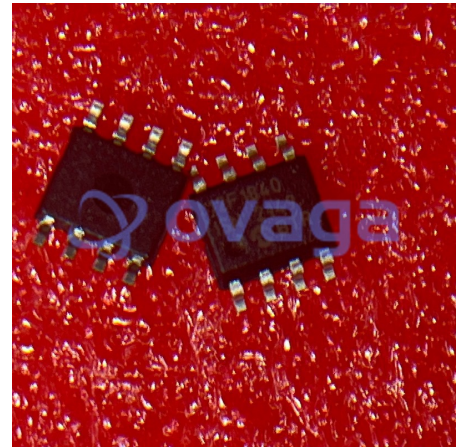
Manufacturers [Microchip Technology, Inc](#)

Package/Case SOIC

Product Type

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for PIC12F1840-I/SNVAO or [Email to us: sales@ovaga.com](mailto: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)

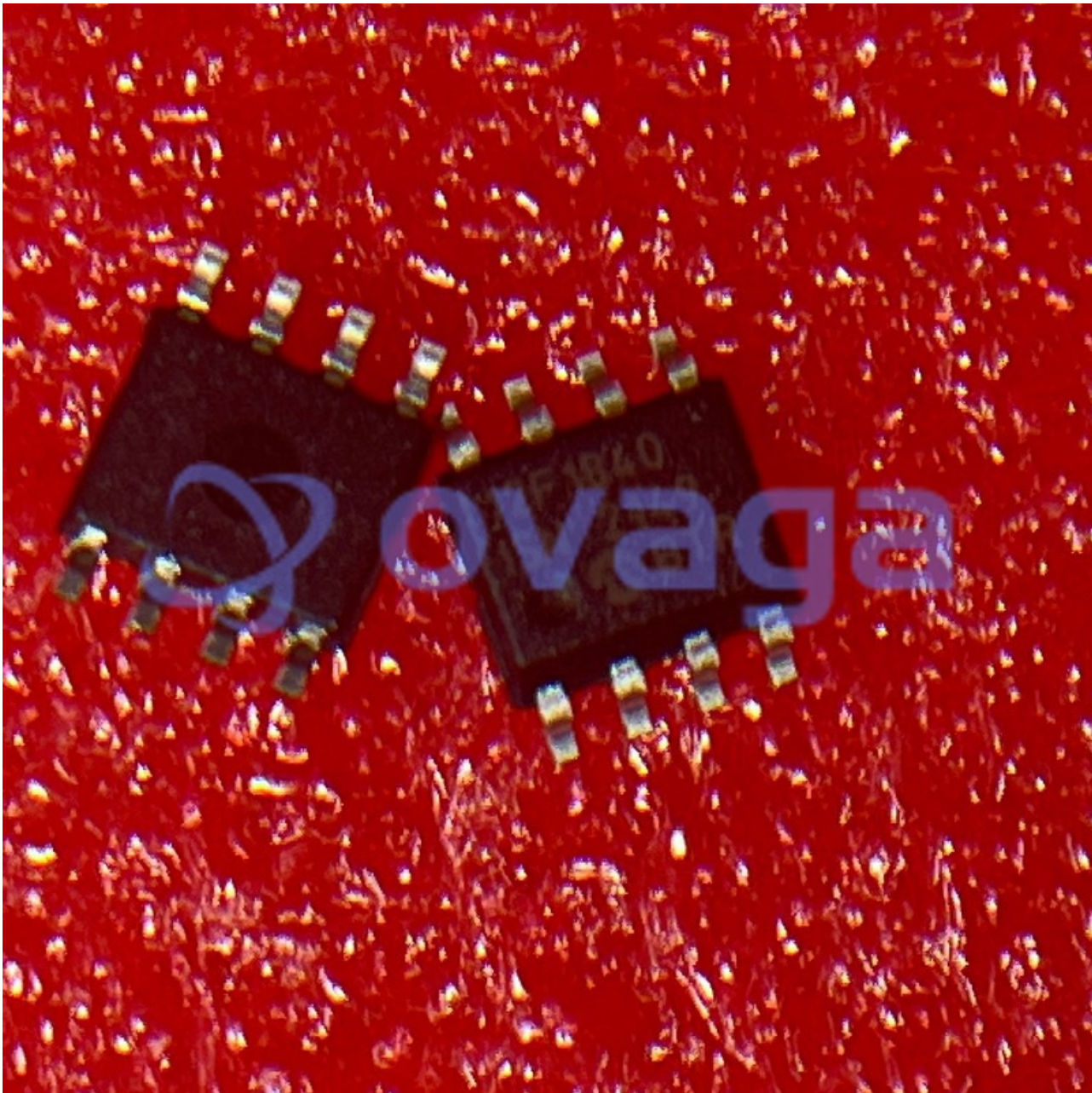
On Board In-Circuit Debug

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

[PIC18F57Q43T-I/PT](#)



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TQFP

[PIC18F57Q43-I/PT](#)



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TQFP

[PIC18F45K80T-H/PTVAO](#)



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[PIC16F1946T-I/PTVAO](#)



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TQFP



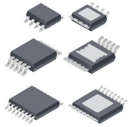
[PIC16F1946-I/PTVAO](#)

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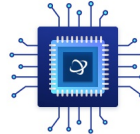
[PIC18F47Q43-I/PT](#)

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[PIC16F1825T-I/SLVAO](#)

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N/A