

64-pin, 14KB Flash, 512B RAM, 256B EEPROM, LCD, 1.8-5.5V

Manufacturers [Microchip Technology, Inc](#)

Package/Case TQFP

Product Type

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for PIC16F1946T-I/PTVAO 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

184 LCD segment drive support

Internal 32MHz oscillator

Integrated Capacitive mTouch Sensing Module

Integrated Temperature Indicator

2xMI2C, 2xSPI, 2xEUSART w/auto baud

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

Comparators with selectable Voltage Reference

17 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)

Wide Operating Voltage (1.8V – 5.5V)

Low Power PIC16LF1946 variant (1.8V – 3.6V)

Related Products



[PIC12F1840-I/SNVAO](#)

Microchip Technology, Inc
SOIC



[PIC18F57Q43T-I/PT](#)

Microchip Technology, Inc
TQFP



[PIC18F57Q43-I/PT](#)

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[PIC18F45K80T-H/PTVAO](#)

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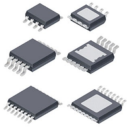
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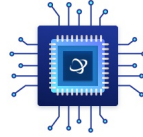
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[PIC16F1825T-I/SLVAO](#)

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[BM-71-PICTAIL](#)

Microchip Technology, Inc
N/A