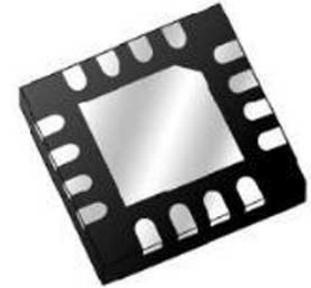


8 Bit MCU, Flash, PIC16 Family PIC16F14xx Series Microcontrollers, 48 MHz, 14 KB, 1 KB, 16 Pins

Manufacturers	Microchip Technology, Inc
Package/Case	QFN-16
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for PIC16F1455-I/ML 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

128 B of Non-volatile Data Storage

Internal 48MHz Oscillator

Universal Serial Bus 2.0 Module with clock recovery from USB host

2x Standalone PWM Modules

Complementary Waveform Generator (CWG) Module

Integrated Temperature Indicator Module

10 Channel 10-bit ADC with Voltage Reference

2 Analog Comparators

5-bit Digital to Analog Converter (DAC)

MI2C / SPI Module

Enhanced Addressable USART Module

25mA Source/Sink current I/O

2x 8-bit Timers (TMR0/TMR2)

1x 16-bit Timer (TMR1)

Extended Watchdog Timer (WDT)

Enhanced Power-On/Off-Reset

Low-Power Brown-Out Reset (LPBOR)

Programmable Brown-Out Reset (BOR)

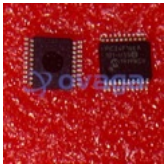
In Circuit Serial Programming (ICSP)

Integrated In-Circuit Debug Circuit

eXtreme Low Power (XLP) 'LF' Variant (1.8V – 3.6V)

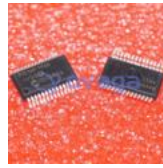
PIC16F145x (1.8V – 5.5V)

Related Products



[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc
SSOP-20



[PIC16F1936-I/SS](#)

Microchip Technology, Inc
SSOP-28



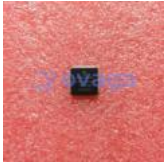
[PIC16F1938-I/SP](#)

Microchip Technology, Inc
PDIP-28



[PIC18F23K22-I/SP](#)

Microchip Technology, Inc
SPDIP-28



[PIC18F6520-I/PT](#)

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SOIC-28



[PIC18F97J60T-I/PT](#)

Microchip Technology, Inc
TQFP-100