

8 Bit MCU, Flash, PIC16 Family PIC16F15xx Series Microcontrollers, 20 MHz, 7 KB, 256 Byte, 28 Pins



Images are for reference only

Manufacturers	Microchip Technology, Inc
Package/Case	SOIC-28
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	

Please submit RFQ for PIC16F1513-I/SO or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

Debug Support• Integrated debug support on Device. No Debug Header is required• Debug and Programming support is available via PICKit™ 3, and MPLAB® ICD 3• For Debug Header Information, please refer to DS51292

Features

Enhanced Mid-range Core with 49 Instruction, 16 Stack Levels

Flash Program Memory with self read/write capability

High Endurance Flash Memory (HEF)

128 B of Non-volatile Data Storage

Internal 16MHz oscillator

MI2C, SPI, EUSART w/auto baud

Two CCP (Capture Compare PWM) Module

17 Channel 10-bit ADC with Advanced Controls

25mA Source/Sink current I/O

Two 8-bit Timers (TMR0/TMR2)

One 16-bit Timer (TMR1)

Extended Watchdog Timer (WDT)

Enhanced Power-On/Off-Reset

Programmable Ultra Low-Power Brown-Out Reset (ULPBOR)

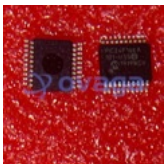
In Circuit Serial Programming (ICSP)

In-Circuit Debug

Wide Operation Voltage Variant 'F' (2.3V – 5.5V)

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

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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TQFP-64



[PIC18F2620-I/SP](#)

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[PIC18F97J60T-I/PT](#)

Microchip Technology, Inc
TQFP-100