

8-bit Microcontrollers - MCU 3.5KB FL 128B RAM 12I/O 10-bit ADC

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	SOIC-14
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PIC16LF1503-I/SL 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 16MHz oscillator

4x Standalone PWM

Complementary Waveform Generator (CWG)

Numerically Controlled Oscillator (NCO)

2x Configurable Logic Cell (CLC)

Integrated Temperature Indicator

8 Channel 10-bit ADC with Voltage Reference

5-bit Digital to Analog Converter (DAC)

MI2C, SPI

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)

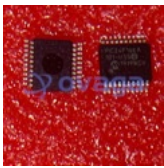
In-Circuit Debug using a Debug Header

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

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

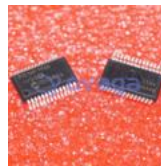


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SSOP-20



### [PIC16F1936-I/SS](#)

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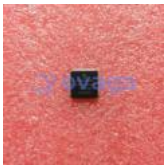
### [PIC16F1938-I/SP](#)

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