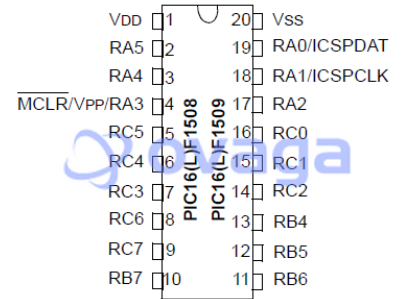


8 Bit MCU, Flash, PIC16 Family PIC16F15xx Series Microcontrollers, 20 MHz, 7 KB, 256 Byte, 20 Pins

Manufacturers	Microchip Technology, Inc
Package/Case	SSOP-20
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for PIC16F1508-I/SS 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

High Endurance Data Flash block in lower 128 bytes of Program Memory(100,000 Writesmin.)

Internal 16MHz oscillator

4x Standalone PWM Modules

Complementary Waveform Generator (CWG) Module

Numerically Controlled Oscillator (NCO) Module

4xConfigurable Logic Cell (CLC) Modules

Integrated Temperature Indicator Module

12 Channel 10-bit ADC with Voltage Reference

5-bit Digital to Analog Converter (DAC)

Enhanced Universal Synchronous Asynchronous Receiver Transmitter (EUSART)

I2C™Compatible / 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)

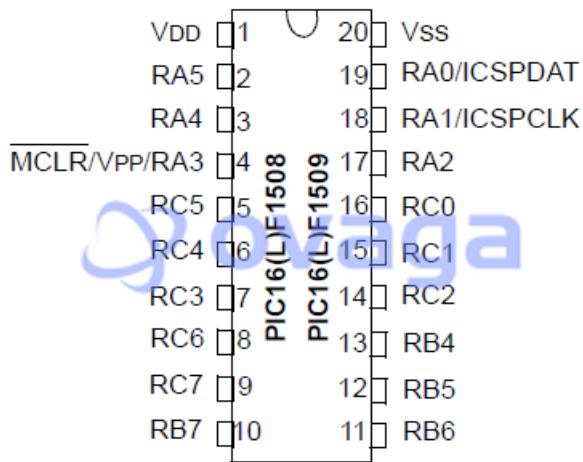
Programmable Brown-Out Reset (BOR)

In Circuit Serial Programming (ICSP)

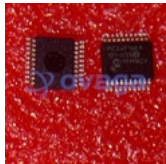
Integrated In-Circuit Debug / or Use an ICD Header

PIC16LF1508 (1.8V – 3.6V)

PIC16F1508 (2.3V – 5.5V)

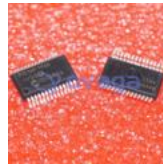


Related Products



[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc
SSOP-20



[PIC16F1936-I/SS](#)

Microchip Technology, Inc
SSOP-28



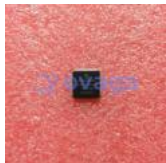
[PIC16F1938-I/SP](#)

Microchip Technology, Inc
PDIP-28



[PIC18F23K22-I/SP](#)

Microchip Technology, Inc
SPDIP-28



[PIC18F6520-I/PT](#)

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TQFP-100