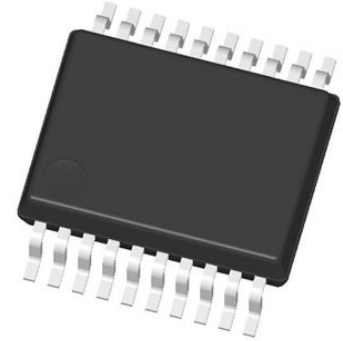


MICROCONTROLLER MCU, 8 BIT, PIC16, 20MHZ, Controller Family/Series: PIC16F, CPU Speed: 20MHz, Program Memory Size: 7KB, RAM Memory Size: 256Byte, No. of I/O's: 18, Supply Voltage Min: 2V



Images are for reference only

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

Please submit RFQ for PIC16F689-I/SS or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

DEVICE OVERVIEW

The PIC16F631/677/685/687/689/690 devices are covered by this data sheet. They are available in 20-pin PDIP, SOIC, TSSOP and QFN packages.

High-Performance RISC CPU:

- Only 35 Instructions to Learn:
 - All single-cycle instructions except branches
- Operating Speed:
 - DC – 20 MHz oscillator/clock input
 - DC – 200 ns instruction cycle
- Interrupt Capability
- 8-Level Deep Hardware Stack
- Direct, Indirect and Relative Addressing modes

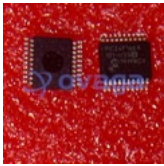
Features

Special Microcontroller :

Low-Power :

Peripheral :

Related Products



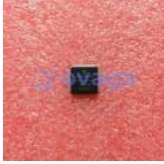
[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc
SSOP-20



[PIC16F1938-I/SP](#)

Microchip Technology, Inc
PDIP-28



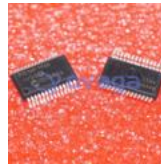
[PIC18F6520-I/PT](#)

Microchip Technology, Inc
TQFP-64



[PIC18F2620-I/SO](#)

Microchip Technology, Inc
SOIC-28



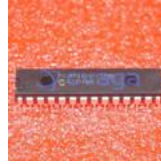
[PIC16F1936-I/SS](#)

Microchip Technology, Inc
SSOP-28



[PIC18F23K22-I/SP](#)

Microchip Technology, Inc
SPDIP-28



[PIC18F2620-I/SP](#)

Microchip Technology, Inc
SPDIP-28



[PIC18F97J60T-I/PT](#)

Microchip Technology, Inc
TQFP-100