

8 Bit MCU, Flash, PIC16 Family PIC16F6XX Series Microcontrollers, 20 MHz, 3.5 KB, 128 Byte, 20 Pins

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



Images are for reference only

Please submit RFQ for PIC16F677-I/SO 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

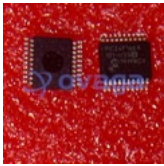
Features

Special Microcontroller :

Low-Power :

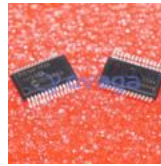
Peripheral :

Related Products



[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc
SSOP-20



[PIC16F1936-I/SS](#)

Microchip Technology, Inc
SSOP-28



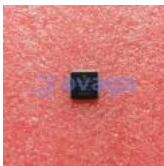
[PIC16F1938-I/SP](#)

Microchip Technology, Inc
PDIP-28



[PIC18F23K22-I/SP](#)

Microchip Technology, Inc
SPDIP-28



[PIC18F6520-I/PT](#)

Microchip Technology, Inc
TQFP-64



[PIC18F2620-I/SP](#)

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SOIC-28



[PIC18F97J60T-I/PT](#)

Microchip Technology, Inc
TQFP-100