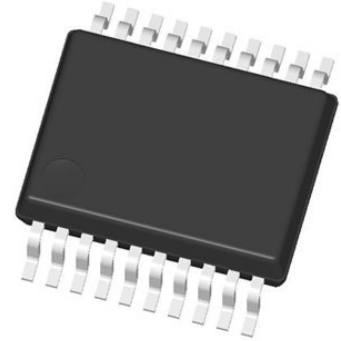


20-Pin Flash-Based, 8-Bit CMOS Microcontrollers with nanoWatt Technology, Microcontrollers (MCU) 3.5KB FL 128R 18 I/O

Manufacturers	<a href="#">Microchip Technology, Inc</a>
Package/Case	SSOP-20
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for PIC16F677-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

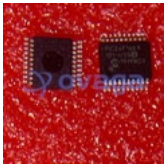
## Features

Special Microcontroller :

Low-Power :

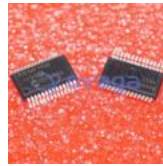
Peripheral :

## Related Products



[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc  
SSOP-20



[PIC16F1936-I/SS](#)

Microchip Technology, Inc  
SSOP-28



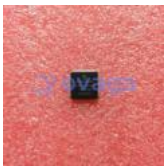
[PIC16F1938-I/SP](#)

Microchip Technology, Inc  
PDIP-28



[PIC18F23K22-I/SP](#)

Microchip Technology, Inc  
SPDIP-28



[PIC18F6520-I/PT](#)

Microchip Technology, Inc  
TQFP-64



[PIC18F2620-I/SP](#)

Microchip Technology, Inc  
SPDIP-28



[PIC18F2620-I/SO](#)

Microchip Technology, Inc  
SOIC-28



[PIC18F97J60T-I/PT](#)

Microchip Technology, Inc  
TQFP-100