

MCU 8-bit PIC RISC 3.5KB Flash 5V Automotive 20-Pin SOIC W Tube

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



Images are for reference only

Please submit RFQ for PIC16F785-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

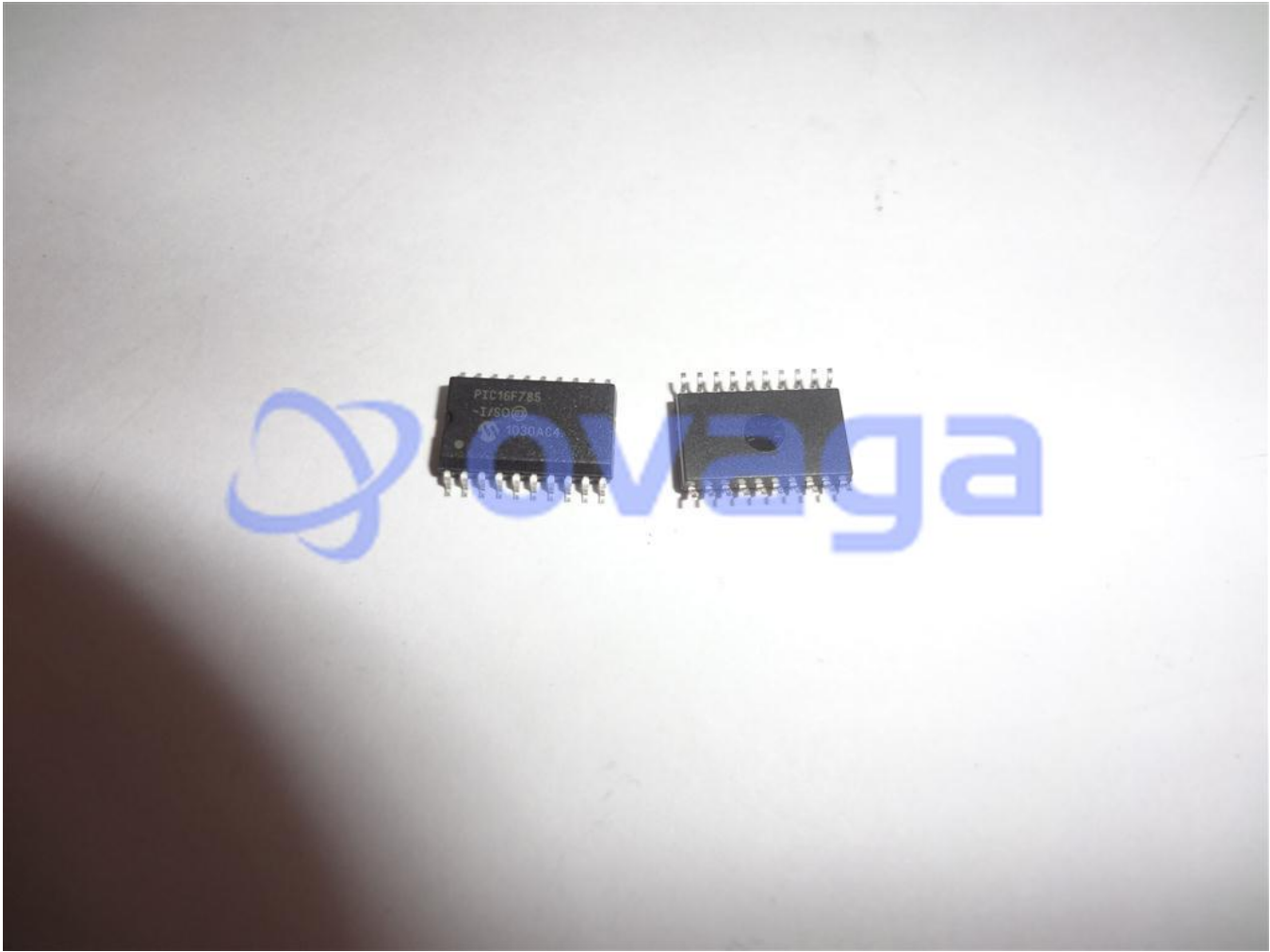
This document contains device specific information for the PIC16F785/HV785. It is available in 20-pin PDIP, SOIC, SSOP and QFN packages. Figure 1-1 shows a block diagram of the PIC16F785/HV785 device. Table 1-1 shows the pinout description.

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 Sleep Hardware Stack
- Direct, Indirect and Relative Addressing modes

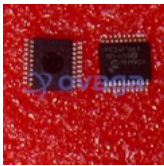
Features

Special Microcontroller :





Related Products



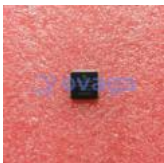
[PIC24F16KA101-I/SS](#)

Microchip Technology, Inc
SSOP-20



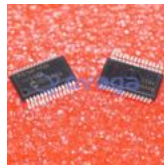
[PIC16F1938-I/SP](#)

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PDIP-28



[PIC18F6520-I/PT](#)

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TQFP-64



[PIC16F1936-I/SS](#)

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SSOP-28



[PIC18F23K22-I/SP](#)

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SPDIP-28



[PIC18F2620-I/SP](#)

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[PIC18F97J60T-I/PT](#)

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TQFP-100