
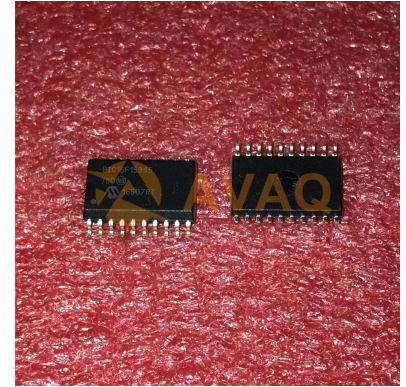


## MCU 8-bit PIC RISC 14KB Flash 2.5V/3.3V/5V 20-Pin SOIC W Tube

<b>Manufacturer:</b>	<a href="#">Microchip Technology, Inc</a>
<b>Package/Case:</b>	SOP20
<b>Product Type:</b>	Embedded Processors & Controllers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

PIC16(L)F153XX 8-bit product family feature essential peripherals like Intelligent Analog, Core Independent Peripherals (CIPs) and communication combined with eXtreme Low-Power (XLP) for a wide range of low-power applications. The family features PWMs, multiple communication, temperature sensor and memory features like Memory Access Partition (MAP) and Device Information Area (DIA). The products will be offered in a broad range of pin counts from 8 to 48-pins, to support customers in various applications.

[PIC16F15386 Product Family Overview](#)

## Key Features

Enhanced Mid-range Core with 49 Instruction, 16 Stack Levels

Flash Program Memory with self read/write capability

eXtreme Low Power (XLP)

IDLE and DOZE low power modes

Peripheral Module Disable (PMD)

Peripheral Pin Select (PPS)

4x 10-bit PWMs

2x Capture, Compare, PWM (CCP)

Complementary Waveform Generator (CWG)

Numerically Controlled Oscillator (NCO)

4x Configurable Logic Controller (CLC)

17 Channel 10-bit ADC with Voltage Reference

5-bit Digital to Analog Converter (DAC)

2x Comparators

1x 8-bit Timers (TMR0/TMR2)

2x 16-bit Timer (TMR1)

Window Watchdog Timer (WWDT)

Enhanced Power-On/Off-Reset

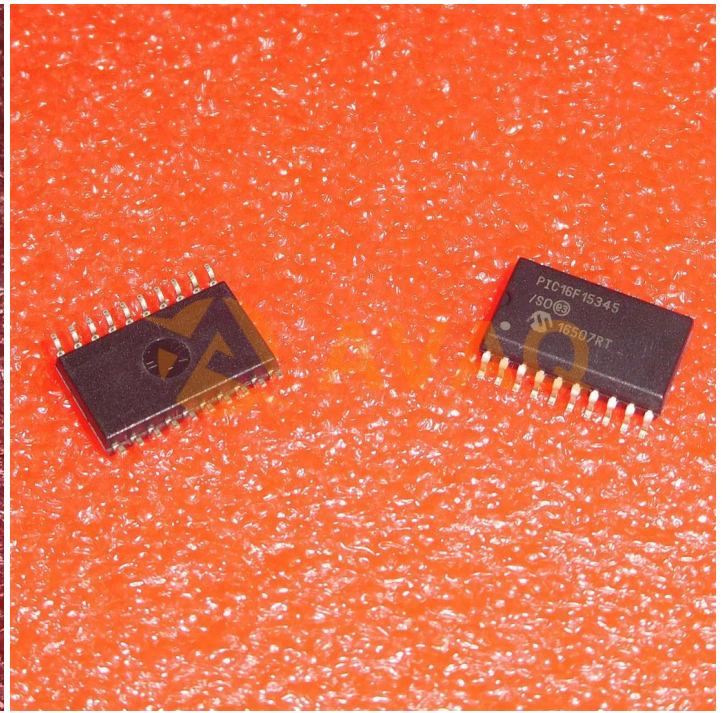
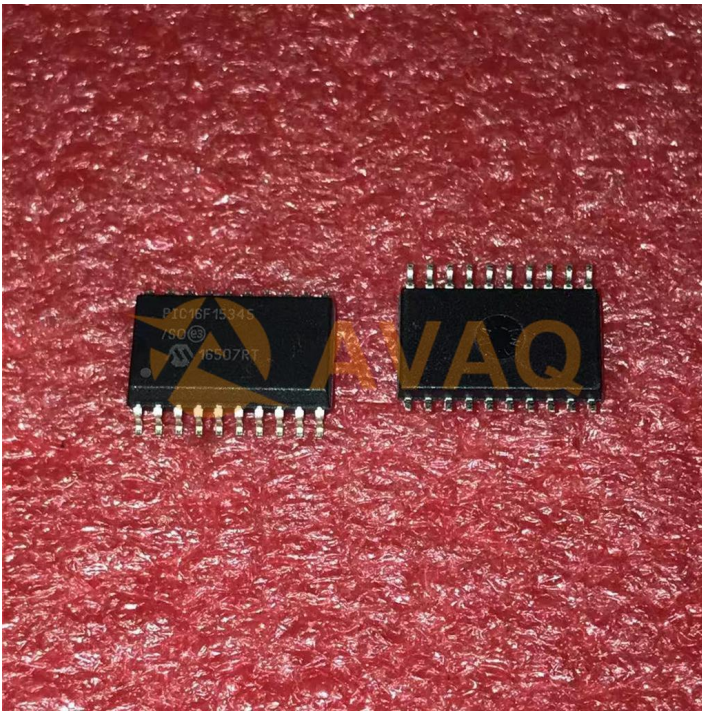
Low-Power Brown-Out Reset (LPBOR)

Programmable Brown-Out Reset (BOR)

In Circuit Serial Programming (ICSP)

PIC16LF15345 (1.8V – 3.6V)

PIC16F15345 (2.3V – 5.5V)



## Recommended For You

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### **PIC16F84A-20/P**

Microchip Technology, Inc

DIP18

### **PIC16F54-I/P**

Microchip Technology, Inc

DIP

### **PIC18F2320-I/SP**

Microchip Technology, Inc

DIP28

### **PIC18F2685-I/SP**

Microchip Technology, Inc

SPDIP-28

### **PIC16F767-I/SO**

Microchip Technology, Inc

SOP

### **PIC16F630-I/SL**

Microchip Technology, Inc

SOP14

### **PIC16F84-04/P**

Microchip Technology, Inc

DIP18

### **PIC18F4320-I/PT**

Microchip Technology, Inc

QFP

### **PIC16C622A-04/P**

Microchip Technology, Inc

DIP

### **PIC16F84A-04/P**

Microchip Technology, Inc

DIP18

### **PIC18F2480-I/SP**

Microchip Technology, Inc

DIP

### **PIC16F628-04/P**

Microchip Technology, Inc

DIP

### **PIC16F877-20/L**

Microchip Technology, Inc

PLCC44

### **PIC16F676-I/P**

Microchip Technology, Inc

DIP-14

### **PIC16F676-I/SL**

Microchip Technology, Inc

SOP14