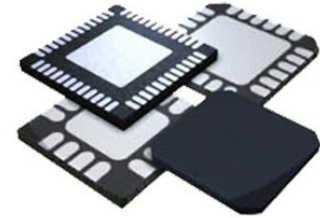



MCU 8-bit 8051 CISC 8KB Flash 3.3V 20-Pin QFN Tube



Images are for reference only

[Inquiry](#)

Manufacturer:	Silicon Laboratories Inc
Package/Case:	QFN
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active

General Description

The C8051F33x small microcontroller (MCU) devices are available in 20-pin and 24-pin packages and include up to 16 kB flash with 10-bit ADC and 10-bit DAC. A pin-for-pin compatible one-time Programmable (OTP) EEPROM version is also available (C8051T63x).

With on-chip Power-On Reset, VDD monitor, Watchdog Timer, and a clock oscillator, the C8051F33x devices are truly stand-alone system-on-a-chip solutions. The Flash memory of these small MCUs can be reprogrammed even in-circuit, providing non-volatile data storage, and also allows field upgrades of the 8051 firmware. User software has complete control of all peripherals and may individually shut down any or all peripherals for power savings.

Key Features

MCU Core:8051

MHz:25

Flash (kB):8

RAM (kB):0.75

I2C:1

SPI:1

UART:1

Dig I/O Pins:17

ADC:10-bit, 16-ch., 200 ksps

DAC:10-bit, 1-ch.

Comparators:1

PCA Channels:3

Timers :4

Package Type:QFN20

Package Size (mm):4x4

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Recommended For You

C8051F320-GQ

Silicon Laboratories Inc

QFP

C8051F120-GQ

Silicon Laboratories Inc

QFP

C8051F300-GMR

Silicon Laboratories Inc

QFN11

C8051F020-GQ

Silicon Laboratories Inc

TQFP100

C8051F300-GM

Silicon Laboratories Inc

QFN11

C8051F330-GMR

Silicon Laboratories Inc

QFN20

C8051F410-GQR

Silicon Laboratories Inc

LQFP32

C8051F350-GQ

Silicon Laboratories Inc

LQFP32

C8051F040-GQ

Silicon Laboratories Inc

QFP100

C8051F321-GM

Silicon Laboratories Inc

QFN28

C8051F530-C-IT

Silicon Laboratories Inc

TSSOP20

C8051F503-IQ

Silicon Laboratories Inc

QFP

C8051F411-GMR

Silicon Laboratories Inc

QFN28

C8051F130-GQ

Silicon Laboratories Inc

TQFP100

C8051F582-IQ

Silicon Laboratories Inc

QFP