
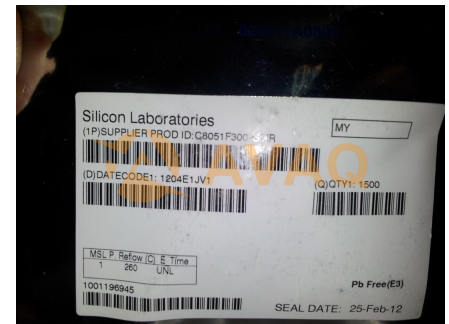


MCU 8-bit 8051 CISC 8KB Flash 3.3V 11-Pin QFN EP T/R

Manufacturer:	Silicon Laboratories Inc
Package/Case:	QFN11
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	NRND



Images are for reference only

Inquiry

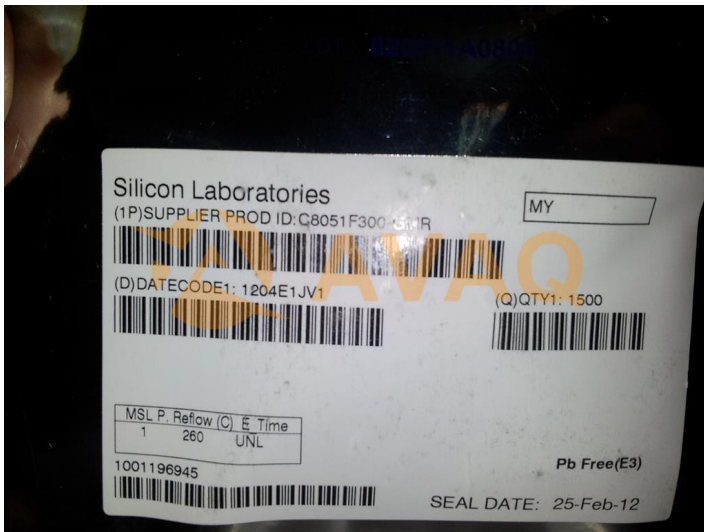
General Description

The C8051F30x small microcontroller (MCU) devices were the world's first MCU to fit in a tiny 3 mm x 3 mm package. There are no compromises on integration and performance with a 25 MIPS CPU, 500 ksps 8-bit ADC, on-chip ($\pm 2\%$) precision oscillator, and comparator. A pin-for-pin compatible One-time Programmable (OTP) EEPROM version is also available (C8051T60x).

With on-chip Power-On Reset, VDD monitor, Watchdog Timer, and a clock oscillator, the C8051F300/1/2/3/4/5 devices are truly stand-alone System-on-a-Chip solutions. The Flash memory can be reprogrammed even in-circuit, providing non-volatile data storage, and also allowing 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

- 25 MIPS 8051 CPU
- 2 to 8 kB Flash
- 256 B RAM
- 8-bit, 500 ksps, 11-ch. ADC (F300/302 only)
- 8 digital I/O, 5 V tolerant
- 2.7 to 3.6 V supply
- On-chip debug
- Low-cost, complete development kit
- 11-pin QFN (3 mm x 3 mm)



Recommended For You

C8051F320-GQ

Silicon Laboratories Inc
QFP

C8051F300-GM

Silicon Laboratories Inc
QFN11

C8051F410-QQR

Silicon Laboratories Inc
LQFP32

C8051F321-GM

Silicon Laboratories Inc
QFN28

C8051F120-GQ

Silicon Laboratories Inc
QFP

C8051F330-GM

Silicon Laboratories Inc
QFN

C8051F350-GQ

Silicon Laboratories Inc
LQFP32

C8051F530-C-IT

Silicon Laboratories Inc
TSSOP20

C8051F020-GQ

Silicon Laboratories Inc
TQFP100

C8051F330-GMR

Silicon Laboratories Inc
QFN20

C8051F040-GQ

Silicon Laboratories Inc
QFP100

C8051F503-IQ

Silicon Laboratories Inc
QFP

C8051F411-GMR

Silicon Laboratories Inc

QFN28

C8051F130-GQ

Silicon Laboratories Inc

TQFP100

C8051F582-IQ

Silicon Laboratories Inc

QFP