

C8051F331R



SILICON LABS



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Part Number: [C8051F331R](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: IC MCU 8BIT 8KB FLASH 20MLP

Data sheet:  [C8051F330/1, C8051F330D](#)

RoHs Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

PRODUCT PARAMETER			
Part Number	C8051F331R	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 8KB FLASH 20MLP	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5063 pcs	Data sheet	C8051F330/1, C8051F330D
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Supplier Device Package	20-MLP (4x4)	Speed	25MHz
Series	C8051F33x	RAM Size	768 x 8
Program Memory Type	FLASH	Program Memory Size	8KB (8K x 8)
Peripherals	POR, PWM, WDT	Packaging	Cut Tape (CT)
Package / Case	20-VFQFN Exposed Pad	Other Names	336-1070-1
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	17	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	EEPROM Size	-
Detailed Description	8051 C8051F33x Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 20-MLP (4x4)	Data Converters	-
Core Size	8-Bit	Core Processor	8051
Connectivity	SMBus (2-Wire/I ² C), SPI, UART/USART	Base Part Number	C8051F33
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 SILICON LABS	Part#: C8051F332-GMR Description: IC MCU 8BIT 4KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F330DK-U Description: DEV KIT FOR C8051F330/F331	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F335-GMR Description: IC MCU 8BIT 2KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F334-GMR Description: IC MCU 8BIT 2KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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 SILICON LABS	Part#: C8051F332-GM Description: IC MCU 8BIT 4KB FLASH 20QFN	Manufacturers: Silicon Labs	RFQ
 SILICON LABS	Part#: C8051F336-GMR Description: IC MCU 8BIT 16KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F334-GM Description: IC MCU 8BIT 2KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
 SILICON LABS	Part#: C8051F330-GP Description: IC MCU 8BIT 8KB FLASH 20DIP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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