

C8051F331-GM



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Part Number: [C8051F331-GM](#)

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

Description: IC MCU 8BIT 8KB FLASH 20QFN

Data sheet:  [C8051F330-35](#)

RoHs Status: Lead free / RoHS Compliant

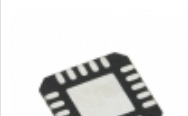
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Request For Quotation

PRODUCT PARAMETER			
Part Number	C8051F331-GM	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 8KB FLASH 20QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	31761 pcs	Data sheet	C8051F330-35
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	Tube
Package / Case	20-VFQFN Exposed Pad	Other Names	336-1265 C8051F331GM
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	Lead free / RoHS 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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	Part#: C8051F330R Description: IC MCU 8BIT 8KB FLASH 20MLP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F330-GMR Description: IC MCU 8BIT 8KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F333-GM Description: IC MCU 8BIT 4KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F330DK Description: DEV KIT FOR C8051F330/F331	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F330-GM Description: IC MCU 8BIT 8KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F331 Description: IC MCU 8BIT 8KB FLASH 20MLP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F332-GMR Description: IC MCU 8BIT 4KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F332-GM Description: IC MCU 8BIT 4KB FLASH 20QFN	Manufacturers: Silicon Labs	RFQ
	Part#: C8051F330-GP Description: IC MCU 8BIT 8KB FLASH 20DIP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F335-GMR Description: IC MCU 8BIT 2KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F330DK-U Description: DEV KIT FOR C8051F330/F331	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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