

C8051F331-GMR



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Part Number: [C8051F331-GMR](#)

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

Description: IC MCU 8BIT 8KB FLASH 20QFN

Data sheet:  [C8051F330-35](#)

RoHs Status: Lead free / RoHS Compliant

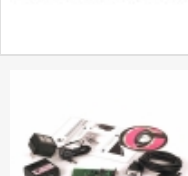
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PRODUCT PARAMETER			
Part Number	C8051F331-GMR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 8KB FLASH 20QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	27087 pcs	Data sheet	C8051F330-35
Category	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	Tape & Reel (TR)
Package / Case	20-VFQFN Exposed Pad	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#: C8051F332-GM Description: IC MCU 8BIT 4KB FLASH 20QFN	Manufacturers: Silicon Labs	RFQ
	Part#: C8051F330-GMR Description: IC MCU 8BIT 8KB FLASH 20QFN	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F331R Description: IC MCU 8BIT 8KB FLASH 20MLP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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