

C8051F801-GUR



**SILICON LABS**

Part Number: [C8051F801-GUR](#)

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

Description IC MCU 8BIT 16KB FLASH 24QSOP

Data sheet:  [C8051F80x-83x](#)

RoHs Status: Lead free / RoHS Compliant

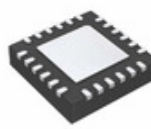
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PRODUCT PARAMETER			
Part Number	C8051F801-GUR	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 16KB FLASH 24QSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	72668 pcs	Data sheet	C8051F80x-83x
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	24-QSOP	Speed	25MHz
Series	C8051F80x	RAM Size	512 x 8
Program Memory Type	FLASH	Program Memory Size	16KB (16K x 8)
Peripherals	Cap Sense, POR, PWM, Temp Sensor, WDT	Packaging	Tape & Reel (TR)
Package / Case	24-SSOP (0.154", 3.90mm Width)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	17
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	8051 C8051F80x Microcontroller IC 8-Bit 25MHz 16KB (16K x 8) FLASH 24-QSOP
Data Converters	A/D 16x10b	Core Size	8-Bit
Core Processor	8051	Connectivity	SMBus (2-Wire/I ² C), SPI, UART/USART
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	Part#: C8051F800DK Description: KIT DEV C8051F800	Manufacturers: Energy Micro (Silicon Labs)	RFQ
	Part#: C8051F801-GU Description: IC MCU 8BIT 16KB FLASH 24QSOP	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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	Part#: C8051F804-GS Description: IC MCU 8BIT 16KB FLASH 16SOIC	Manufacturers: Energy Micro (Silicon Labs)	RFQ
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