

C8051F901-GUR



**SILICON LABS**

Part Number: [C8051F901-GUR](#)

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

Description: IC MCU 8BIT 8KB FLASH 24QSOP

Data sheet:  [C8051F91x-90x](#)

RoHs Status: Lead free / RoHS Compliant

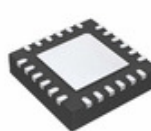
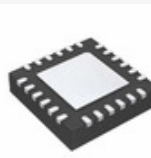
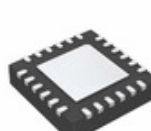
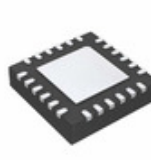
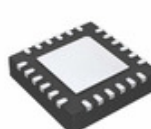
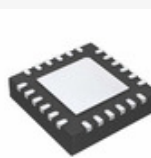
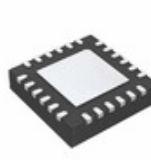
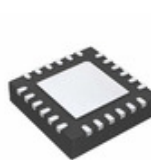
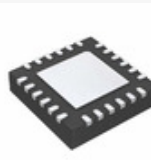
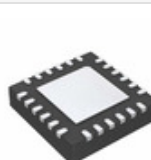
Ship From: Hong Kong

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PRODUCT PARAMETER		
Part Number	C8051F901-GUR	Manufacturer Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 8KB FLASH 24QSOP	Lead Free Status / RoHS StatusLead free / RoHS Compliant
Quantity Available	4809 pcs	Data sheet C8051F91x-90x
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)0.9 V ~ 3.6 V
Supplier Device Package	24-QSOP	Speed25MHz
Series	C8051F9xx	RAM Size768 x 8
Program Memory Type	FLASH	Program Memory Size8KB (8K x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	PackagingTape & Reel (TR)
Package / Case	24-SSOP (0.154", 3.90mm Width)	Oscillator TypeInternal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O16
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS StatusLead free / RoHS Compliant
EEPROM Size	-	Detailed Description8051 C8051F9xx Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 24-QSOP
Data Converters	A/D 15x10b	Core Size8-Bit
Core Processor	8051	ConnectivitySMBus (2-Wire/I ² C), SPI, UART/USART
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	Part#: C8051F902-D-GMR Description: IC MCU 8BIT 8KB FLASH 24QFN	Manufacturers: Energy Micro (Silicon Labs) RFQ
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	Part#: C8051F865-C-GSR Description: IC MCU 8BIT 2KB FLASH 16SOIC	Manufacturers: Energy Micro (Silicon Labs) RFQ
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