



Energy Micro (Silicon Labs)

### C8051F821-GS

Part Number:	C8051F821-GS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 8BIT 8KB FLASH 16SOIC
Datasheets:	<a href="#">C8051F821-GS.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	64817 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of C8051F821-GS

PART NUMBER	C8051F821-GS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 8KB FLASH 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	64817 pcs
DATA SHEET	<a href="#">C8051F821-GS.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	16-SOIC
SPEED	25MHz
SERIES	C8051F82x
RAM SIZE	512 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	8KB (8K x 8)
PERIPHERALS	Cap Sense, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-1801-5 C8051F821GS
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	13
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F82x Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 16-SOIC
DATA CONVERTERS	-
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART
BASE PART NUMBER	C8051F82

#### Related Tags

Energy Micro (Silicon Labs) C8051F821-GS	C8051F821-GS Distributor	C8051F821-GS Supplier
C8051F821-GS Price	C8051F821-GS Pictures	C8051F821-GS Image
C8051F821-GS PDF Datasheet	C8051F821-GS Download Datasheet	C8051F821-GS Datasheet
C8051F821-GS Stock	Buy C8051F821-GS	Buy Energy Micro (Silicon Labs) C8051F821-GS
Energy Micro (Silicon Labs) C8051F821-GS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories C8051F821-GS	Silicon Labs C8051F821-GS	

#### Related Products

<p><b>C8051F820-GU</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QSOP In stock: 55178 pcs <a href="#">RFQ</a></p>	<p><b>C8051F820-GM</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 66696 pcs <a href="#">RFQ</a></p>
<p><b>C8051F821-GSR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: 90315 pcs <a href="#">RFQ</a></p>	<p><b>C8051F824-GS</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: 72035 pcs <a href="#">RFQ</a></p>
<p><b>C8051F822-GS</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: 70321 pcs <a href="#">RFQ</a></p>	<p><b>C8051F820-GUR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QSOP In stock: 89818 pcs <a href="#">RFQ</a></p>
<p><b>C8051F820-GMR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 86248 pcs <a href="#">RFQ</a></p>	<p><b>C8051F819-GUR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QSOP In stock: 70145 pcs <a href="#">RFQ</a></p>
<p><b>C8051F823-GSR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: 83153 pcs <a href="#">RFQ</a></p>	<p><b>C8051F822-GSR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: 95206 pcs <a href="#">RFQ</a></p>
<p><b>C8051F819-GU</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QSOP In stock: 56737 pcs <a href="#">RFQ</a></p>	<p><b>C8051F823-GS</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: 76601 pcs <a href="#">RFQ</a></p>