



Energy Micro (Silicon Labs)



C8051F831-GS

Part Number:	C8051F831-GS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 4KB FLASH 16SOIC
Datasheets:	 C8051F831-GS.pdf
RoHs Status	 Lead free / RoHS Compliant
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 C8051F831-GS

PART NUMBER	C8051F831-GS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 4KB FLASH 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 C8051F831-GS.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	16-SOIC
SPEED	25MHz
SERIES	C8051F83x
RAM SIZE	256 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	4KB (4K x 8)
PERIPHERALS	Cap Sense, POR, PWM, Temp Sensor, WDT
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-1811-5 C8051F831GS
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 C8051F83x Microcontroller IC 8-Bit 25MHz 4KB (4K x 8) FLASH 16-SOIC
DATA CONVERTERS	A/D 12x10b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	SMBus (2-Wire/I²C), SPI, UART/USART
BASE PART NUMBER	C8051F83

Related Tags

Energy Micro (Silicon Labs) C8051F831-GS	C8051F831-GS Distributor	C8051F831-GS Supplier
C8051F831-GS Price	C8051F831-GS Pictures	C8051F831-GS Image
C8051F831-GS PDF Datasheet	C8051F831-GS Download Datasheet	C8051F831-GS Datasheet
C8051F831-GS Stock	Buy C8051F831-GS	Buy Energy Micro (Silicon Labs) C8051F831-GS
Energy Micro (Silicon Labs) C8051F831-GS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Related Products

 C8051F830-GS Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 16SOIC In stock: Out stock RFQ	 C8051F828-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: Out stock RFQ
 C8051F833-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 16SOIC In stock: Out stock RFQ	 C8051F830-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 16SOIC In stock: Out stock RFQ
 C8051F832-GS Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 16SOIC In stock: Out stock RFQ	 C8051F831-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 16SOIC In stock: Out stock RFQ
 C8051F828-GS Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: Out stock RFQ	 C8051F834-GS Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 16SOIC In stock: Out stock RFQ
 C8051F832-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 16SOIC In stock: Out stock RFQ	 C8051F829-GS Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: Out stock RFQ
 C8051F829-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: Out stock RFQ	 C8051F833-GS Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 16SOIC In stock: 8 pcs RFQ