



Energy Micro (Silicon Labs)



C8051F816-GS

Part Number:	C8051F816-GS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 8KB FLASH 16SOIC
Datasheets:	 C8051F816-GS.pdf
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	65391 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of C8051F816-GS

PART NUMBER	C8051F816-GS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 8KB FLASH 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	65391 pcs
DATA SHEET	 C8051F816-GS.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	16-SOIC
SPEED	25MHz
SERIES	C8051F81x
RAM SIZE	512 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	8KB (8K x 8)
PERIPHERALS	Cap Sense, POR, PWM, Temp Sensor, WDT
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-1791-5 C8051F816GS
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 C8051F81x Microcontroller IC 8-Bit 25MHz 8KB (8K 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	C8051F81

Related Tags

Energy Micro (Silicon Labs) C8051F816-GS	C8051F816-GS Distributor	C8051F816-GS Supplier
C8051F816-GS Price	C8051F816-GS Pictures	C8051F816-GS Image
C8051F816-GS PDF Datasheet	C8051F816-GS Download Datasheet	C8051F816-GS Datasheet
C8051F816-GS Stock	Buy C8051F816-GS	Buy Energy Micro (Silicon Labs) C8051F816-GS
Energy Micro (Silicon Labs) C8051F816-GS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F816-GS	Energy Micro C8051F816-GS	Energy Micro (Silicon Labs) C8051F816-GS
Silicon Laboratories C8051F816-GS	Silicon Labs C8051F816-GS	

Related Products

 C8051F815-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: 78959 pcs RFQ	 C8051F816-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: 88613 pcs RFQ
 C8051F814-GUR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QSOP In stock: 76365 pcs RFQ	 C8051F818-GU Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QSOP In stock: 53349 pcs RFQ
 C8051F818-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 66833 pcs RFQ	 C8051F814-GU Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QSOP In stock: 48526 pcs RFQ
 C8051F818-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 91816 pcs RFQ	 C8051F817-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: 94980 pcs RFQ
 C8051F817-GS Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: 68922 pcs RFQ	 C8051F815-GS Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 16SOIC In stock: 57568 pcs RFQ
 C8051F814-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 84014 pcs RFQ	 C8051F814-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 62054 pcs RFQ