



Energy Micro (Silicon Labs)



C8051F971-A-GM

Part Number:	C8051F971-A-GM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 32KB FLASH 32QFN
Datasheets:	 C8051F971-A-GM.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.

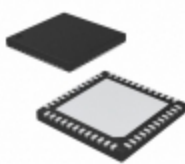
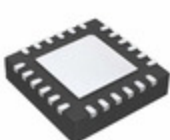
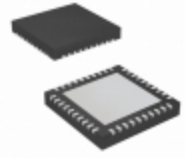
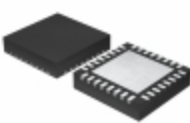
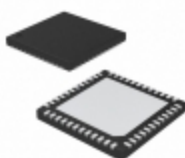
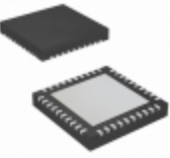
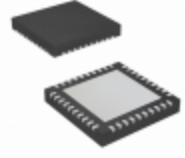
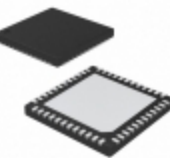
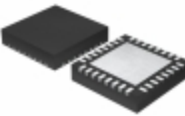
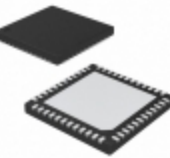
Specifications of C8051F971-A-GM

PART NUMBER	C8051F971-A-GM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 32KB FLASH 32QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 C8051F971-A-GM.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	32-QFN (5x5)
SPEED	25MHz
SERIES	C8051F9xx
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	CapSense, DMA, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	32-VFQFN Exposed Pad
OTHER NAMES	336-3003-5 C8051F971-GM
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	28
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	CIP-51™ C8051F9xx Microcontroller IC 8-Bit 25MHz 32KB (32K x 8) FLASH 32-QFN (5x5)
DATA CONVERTERS	A/D 28x10b
CORE SIZE	8-Bit
CORE PROCESSOR	CIP-51™
CONNECTIVITY	I²C/SMBus, I²C Slave, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) C8051F971-A-GM	C8051F971-A-GM Distributor	C8051F971-A-GM Supplier
C8051F971-A-GM Price	C8051F971-A-GM Pictures	C8051F971-A-GM Image
C8051F971-A-GM PDF Datasheet	C8051F971-A-GM Download Datasheet	C8051F971-A-GM Datasheet
C8051F971-A-GM Stock	Buy C8051F971-A-GM	Buy Energy Micro (Silicon Labs) C8051F971-A-GM
Energy Micro (Silicon Labs) C8051F971-A-GM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F971-A-GM	Energy Micro C8051F971-A-GM	Energy Micro (Silicon Labs) C8051F971-A-GM
Silicon Laboratories C8051F971-A-GM	Silicon Labs C8051F971-A-GM	

Related Products

 C8051F970-A-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFN In stock: 730 pcs RFQ	 C8051F972-A-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 24QFN In stock: 55 pcs RFQ
 C8051F969-B-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 40QFN In stock: Out stock RFQ	 C8051F970-A-DK Manufacturers: Energy Micro (Silicon Labs) Description: KIT DEV FOR C8051F97X In stock: 3 pcs RFQ
 C8051F972-A-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 24QFN In stock: Out stock RFQ	 C8051F974-A-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 32QFN In stock: 5 pcs RFQ
 C8051F970-A-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 48QFN In stock: Out stock RFQ	 C8051F969-B-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 40QFN In stock: 485 pcs RFQ
 C8051F969-A-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 40QFN In stock: Out stock RFQ	 C8051F973-A-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 48QFN In stock: 4 pcs RFQ
 C8051F971-A-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 32KB FLASH 32QFN In stock: Out stock RFQ	 C8051F973-A-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 48QFN In stock: Out stock RFQ