

**SILICON LABS**

Energy Micro (Silicon Labs)



C8051F990-C-GMR

Part Number:	C8051F990-C-GMR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 8KB FLASH 20QFN
	 1.C8051F990-C-GMR.pdf
	 2.C8051F990-C-GMR.pdf
	 3.C8051F990-C-GMR.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	104538 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

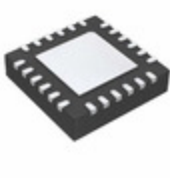
Specifications of C8051F990-C-GMR

PART NUMBER	C8051F990-C-GMR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 8KB FLASH 20QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	104538 pcs
DATA SHEET	 1.C8051F990-C-GMR.pdf  2.C8051F990-C-GMR.pdf  3.C8051F990-C-GMR.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	20-QFN (3x3)
SPEED	25MHz
SERIES	C8051F9xx
RAM SIZE	512 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	8KB (8K x 8)
PERIPHERALS	Brown-out Detect/Reset, Cap Sense, POR, PWM, Temp Sensor, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	20-UFQFN Exposed Pad
OTHER NAMES	336-4455-2 C8051F990-C-GMR-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	16
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	CIP-51 8051 C8051F9xx Microcontroller IC 8-Bit 25MHz 8KB (8K x 8) FLASH 20-QFN (3x3)
DATA CONVERTERS	A/D 9x12b
CORE SIZE	8-Bit
CORE PROCESSOR	CIP-51 8051
CONNECTIVITY	SMBus (2-Wire/I²C), SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) C8051F990-C-GMR	C8051F990-C-GMR Distributor	C8051F990-C-GMR Supplier
C8051F990-C-GMR Price	C8051F990-C-GMR Pictures	C8051F990-C-GMR Image
C8051F990-C-GMR PDF Datasheet	C8051F990-C-GMR Download Datasheet	C8051F990-C-GMR Datasheet
C8051F990-C-GMR Stock	Buy C8051F990-C-GMR	Buy Energy Micro (Silicon Labs) C8051F990-C-GMR
Energy Micro (Silicon Labs) C8051F990-C-GMR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F990-C-GMR	Energy Micro C8051F990-C-GMR	Energy Micro (Silicon Labs) C8051F990-C-GMR
Silicon Laboratories C8051F990-C-GMR	Silicon Labs C8051F990-C-GMR	

Related Products

 C8051F990-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 6271 pcs RFQ	 C8051F989-C-GUR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 24QSOP In stock: 111023 pcs RFQ
 C8051F990-C-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 78592 pcs RFQ	 C8051F989-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 24QFN In stock: 5374 pcs RFQ
 C8051F990-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 5690 pcs RFQ	 C8051F989-GUR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 24QSOP In stock: 3633 pcs RFQ
 C8051F991-C-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 109103 pcs RFQ	 C8051F989-GU Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 24QSOP In stock: 3504 pcs RFQ
 C8051F991-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 5581 pcs RFQ	 C8051F991-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 2947 pcs RFQ
 C8051F991-C-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 20QFN In stock: 122671 pcs RFQ	 C8051F989-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 4KB FLASH 24QFN In stock: 6726 pcs RFQ