

**SILICON LABS**

Energy Micro (Silicon Labs)

**SILICON LABS**

C8051F380-GDI

Part Number:	C8051F380-GDI
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 64KB FLASH DIE
Datasheets:	 C8051F380-GDI.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.

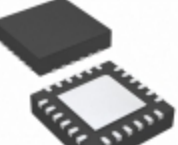
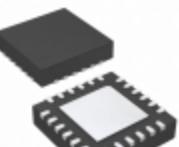
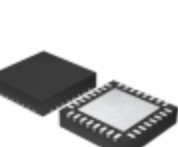
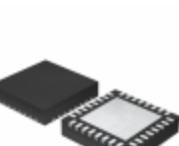
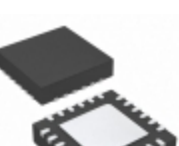
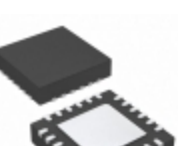
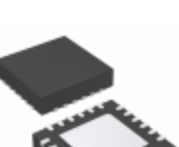
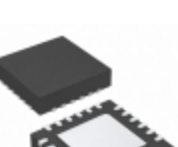
Specifications of C8051F380-GDI

PART NUMBER	C8051F380-GDI
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 64KB FLASH DIE
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 C8051F380-GDI.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 5.25 V
SPEED	48 MIPS
SERIES	C8051F38x
RAM SIZE	4.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
PACKAGING	Bulk
PACKAGE / CASE	Die
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	40
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F38x Microcontroller IC 8-Bit 48 MIPS 64KB (64K x 8) FLASH
DATA CONVERTERS	A/D 32x10b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	EBI/EMI, I²C, SPI, UART/USART, USB
BASE PART NUMBER	C8051F38

Related Tags

Energy Micro (Silicon Labs) C8051F380-GDI	C8051F380-GDI Distributor	C8051F380-GDI Supplier
C8051F380-GDI Price	C8051F380-GDI Pictures	C8051F380-GDI Image
C8051F380-GDI PDF Datasheet	C8051F380-GDI Download Datasheet	C8051F380-GDI Datasheet
C8051F380-GDI Stock	Buy C8051F380-GDI	Buy Energy Micro (Silicon Labs) C8051F380-GDI
Energy Micro (Silicon Labs) C8051F380-GDI	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories C8051F380-GDI	Silicon Labs C8051F380-GDI	

Related Products

 C8051F380-TB-K Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F38X In stock: 3 pcs RFQ	 C8051F380-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48TQFP In stock: Out stock RFQ
 C8051F380-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 48TQFP In stock: 324 pcs RFQ	 C8051F375-A-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QFN In stock: Out stock RFQ
 C8051F374-A-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QFN In stock: Out stock RFQ	 C8051F381-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFN In stock: Out stock RFQ
 C8051F381-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 32QFN In stock: Out stock RFQ	 C8051F380DK Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR C8051F380 In stock: 20 pcs RFQ
 C8051F374-A-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QFN In stock: Out stock RFQ	 C8051F371-A-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: 16 pcs RFQ
 C8051F371-A-GMR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 16KB FLASH 24QFN In stock: Out stock RFQ	 C8051F375-A-GM Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 8KB FLASH 24QFN In stock: Out stock RFQ