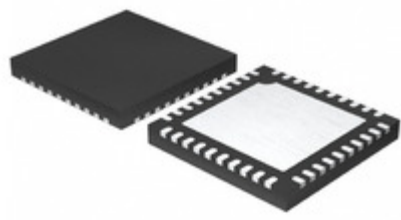


	C8051F590-IM
	Manufacturer Part Number: C8051F590-IM
	Manufacturer/Brand: Energy Micro (Silicon Labs)
	Part of Description: IC MCU 8BIT 96KB FLASH 40QFN
Datasheets:  C8051F590-IM.pdf	RoHS Status:  Lead free / RoHS
Stock Condition: Compliant New original, Stock Available.	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

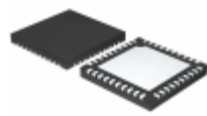

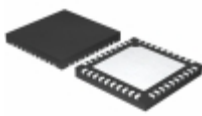
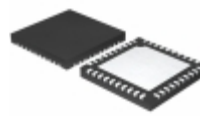
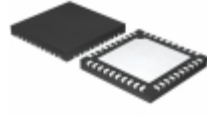
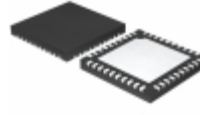
Specifications

Part Number	C8051F590-IM
Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 96KB FLASH 40QFN
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	C8051F59x
Operating Temperature	-40°C ~ 125°C (TA)
Package / Case	40-VFQFN Exposed Pad
Supplier Device Package	40-QFN (6x6)
Peripherals	POR, PWM, Temp Sensor, WDT
Core Processor	8051
Speed	50MHz
Number of I/O	33
EEPROM Size	-
RAM Size	8.25K x 8
Core Size	8-Bit
Connectivity	EBI/EMI, SMBus (2-Wire/I ² C), CAN, LIN, SPI,
Program Memory Size	96KB (96K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 5.25 V
Data Converters	A/D 32x12b
Oscillator Type	Internal
Packaging	Tube

C8051F590-IM is New Original in Stock, Search C8051F590-IM Datasheets, PDF, Inventory at Y-IC.com Online, Order C8051F590-IM Energy Micro (Silicon Labs) with warrantied and confidence. RFQ C8051F590-IM : Info@Y-IC.com

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In:

 <p>C8051F591-IMR Energy Micro (Silicon Labs) IC MCU 8BIT 96KB FLASH 40QFN</p>	 <p>C8051F700-GQ Energy Micro (Silicon Labs) IC MCU 8BIT 15KB FLASH 64TQFP</p>	 <p>C8051F590-IMR Energy Micro (Silicon Labs) IC MCU 8BIT 96KB FLASH 40QFN</p>	 <p>C8051F588-IM Energy Micro (Silicon Labs) IC MCU 8BIT 128KB FLASH 40QFN</p>
 <p>C8051F591-IM Energy Micro (Silicon Labs) IC MCU 8BIT 96KB FLASH 40QFN</p>	 <p>C8051F587-IQR Energy Micro (Silicon Labs) IC MCU 8BIT 96KB FLASH 32LQFP</p>	 <p>C8051F620-GM SILICON C8051F620-GM SILICON</p>	 <p>C8051F589-IM Energy Micro (Silicon Labs) IC MCU 8BIT 128KB FLASH 40QFN</p>

Hot Parts

More

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| ⊕ 0805YG224ZAT4A | ↔ 170M6344 | ⇒ 1MBI300NP-120 | D ALQ50K48 | ⇒ AP1501-K5L-13 |
| ⊖ AT-38086-TR1 | ⊕ BCR50GM-20L | D BSS123Q-13 | ⇒ C4520X7R3A102KT000N | ⇒ C8051F018-GQ |
| ⊕ DSA17-14A | ⊖ FAN2511S25X | ⊕ FDS6898A | ↔ FF300R33KF2C | ⇒ GRM1885C1H300JA01D |
| D IHLP1616BZER4R7M11 | ⊕ IP-J04-CX | ⊖ IR2521DSTRPBF | ⊕ IRFTS8342PBF | ⇒ K4S643233H-HN75 |
| ⇒ LC4512V-75TN176-10I | ↔ LM2674MX-5.0/NOPB | ⊕ LP3878SD-1.0/NOPB | ⊖ LTC2483CDD#TRPBF. | ⇒ MAX4322ESA+T |
| ↔ MBM29F200BC-70PF-SFL | ⇒ MMBT3904-7-09-F | D MX25U1635EZNI-10G | ⊕ PT6520-H | ⊖ QM50TA-H |
| ⊕ R325CH12D2K | D R6004ENJ | ⇒ RC1206FR-07750RL | ↔ SFH618A-1 | ⇒ SI4559ADY |
| ⊖ SI9145BQ-T1-E3 | ⊕ SKKT132-12 | ↔ SMCJ20CA-E3/57 | ⇒ SSM2304CPZ | ⇒ STK433-930 |
| ⊕ STU407DH | ⊖ TC54VN2702EMB713 | ⊕ TCE1210G-900-2P-T200 | D TD170N16 | ⇒ TPS24700DGKR |
| ↔ UCC2800QDRQ1 | ⊕ VMO40-05P1 | ⊖ WSC4527100R0FEA | ⊕ XC612N3034MR | ⇒ XC6221A282MRN |

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