



Energy Micro (Silicon Labs)



C8051F023

Part Number:	C8051F023
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 64KB FLASH 64TQFP
Datasheets:	 C8051F023.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

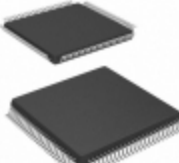
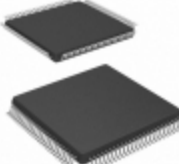
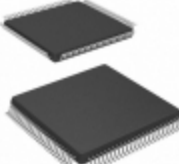
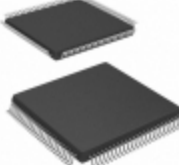
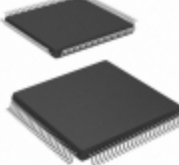
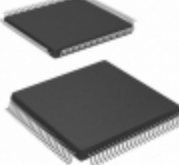
Specifications of C8051F023

PART NUMBER	C8051F023
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 64KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	 C8051F023.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	25MHz
SERIES	C8051F02x
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	Tray
PACKAGE / CASE	64-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	32
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F02x Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 8x8b, 8x10b; D/A 2x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	EBI/EMI, SMBus (2-Wire/I²C), SPI, UART/USART
BASE PART NUMBER	C8051F02

Related Tags

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Related Products

 C8051F023R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: Out stock RFQ	 C8051F023-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 399 pcs RFQ
 C8051F040-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: Out stock RFQ	 C8051F023-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: Out stock RFQ
 C8051F021-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: Out stock RFQ	 C8051F022-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: Out stock RFQ
 C8051F040 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: Out stock RFQ	 C8051F022 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: Out stock RFQ
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