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C8051F023R

SILICON LABS — Energy Micro (Silicon Labs)

Part Number:	C8051F023R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 64KB FLASH 64TQFP
Datasheets:	C8051F023R.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 C8051F023R

PART NUMBER	C8051F023R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 64KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	C8051F023R.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	Tape & Reel (TR)
PACKAGE / CASE	64-TQFP
OTHER NAMES	336-1035-2
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

Energy Micro (Silicon Labs) C8051F023R	C8051F023R Distributor	C8051F023R Supplier
C8051F023R Price	C8051F023R Pictures	C8051F023R Image
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Silicon Laboratories C8051F023R	Silicon Labs C8051F023R	

Related Products

C8051F040DK-A — Manufacturers: Energy Micro (Silicon Labs) — Description: DEV KIT FOR F040/F041/F042/F043 — In stock: Out stock — RFQ

C8051F040 — Manufacturers: Energy Micro (Silicon Labs) — Description: IC MCU 8BIT 64KB FLASH 100TQFP — In stock: Out stock — RFQ

C8051F022R — Manufacturers: Energy Micro (Silicon Labs) — Description: IC MCU 8BIT 64KB FLASH 100TQFP — 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-TB-K — Manufacturers: Energy Micro (Silicon Labs) — Description: BOARD PROTOTYPING W/C8051F040 — In stock: Out stock — RFQ

C8051F040-GQ — 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

C8051F022-GQR — Manufacturers: Energy Micro (Silicon Labs) — Description: IC MCU 8BIT 64KB FLASH 100TQFP — In stock: Out stock — RFQ

C8051F023 — Manufacturers: Energy Micro (Silicon Labs) — Description: IC MCU 8BIT 64KB FLASH 64TQFP — In stock: Out stock — RFQ

C8051F022-GQ — Manufacturers: Energy Micro (Silicon Labs) — Description: IC MCU 8BIT 64KB FLASH 100TQFP — In stock: 879 pcs — RFQ

C8051F040-GQR — Manufacturers: Energy Micro (Silicon Labs) — Description: IC MCU 8BIT 64KB FLASH 100TQFP — In stock: Out stock — RFQ

C8051F040DK — Manufacturers: Energy Micro (Silicon Labs) — Description: DEV KIT FOR F040/F041/F042/F043 — In stock: 3 pcs — RFQ