



SILICON LABS

Energy Micro (Silicon Labs)



C8051F040R

Part Number:	C8051F040R
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 64KB FLASH 100TQFP
Datasheets:	 C8051F040R.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	3846 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of C8051F040R

PART NUMBER	C8051F040R
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 64KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	3846 pcs
DATA SHEET	 C8051F040R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	25MHz
SERIES	C8051F04x
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	Cut Tape (CT)
PACKAGE / CASE	100-TQFP
OTHER NAMES	336-1051-1
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	64
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F04x Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 100-TQFP (14x14)
DATA CONVERTERS	A/D 8x8b, 13x12b; D/A 2x10b, 2x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	CANbus, EBI/EMI, SMBus (2-Wire/I ² C), SPI, UART/USART
BASE PART NUMBER	C8051F04

Related Tags

Energy Micro (Silicon Labs) C8051F040R	C8051F040R Distributor	C8051F040R Supplier
C8051F040R Price	C8051F040R Pictures	C8051F040R Image
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Related Products

 C8051F040DK-J Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F040/F041/F042/F043 In stock: 2826 pcs RFQ	 C8051F040DK-E Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F040/F041/F042/F043 In stock: 3020 pcs RFQ
 C8051F040DK-T Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F040/F041/F042/F043 In stock: 4034 pcs RFQ	 C8051F040DK-K Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F040/F041/F042/F043 In stock: 4361 pcs RFQ
 C8051F041-GQR Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 8550 pcs RFQ	 C8051F041 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 6814 pcs RFQ
 C8051F042 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: 6221 pcs RFQ	 C8051F040DK-H Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F040/F041/F042/F043 In stock: 3909 pcs RFQ
 C8051F041-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 8594 pcs RFQ	 C8051F040DK-U Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F040/F041/F042/F043 In stock: 5407 pcs RFQ
 C8051F042-GQ Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: 9272 pcs RFQ	 C8051F041R Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 64TQFP In stock: 3992 pcs RFQ