



SILICON LABS

Energy Micro (Silicon Labs)



C8051F041-GQ

Part Number:	C8051F041-GQ
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 8BIT 64KB FLASH 64TQFP
Datasheets:	 C8051F041-GQ.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	8594 pcs stock
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 C8051F041-GQ

PART NUMBER	C8051F041-GQ
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 64KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8594 pcs
DATA SHEET	 C8051F041-GQ.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
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	Tray
PACKAGE / CASE	64-TQFP
OTHER NAMES	336-1206 C8051F041GQ
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	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F04x Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 64-TQFP (10x10)
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) C8051F041-GQ	C8051F041-GQ Distributor	C8051F041-GQ Supplier
C8051F041-GQ Price	C8051F041-GQ Pictures	C8051F041-GQ Image
C8051F041-GQ PDF Datasheet	C8051F041-GQ Download Datasheet	C8051F041-GQ Datasheet
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Energy Micro (Silicon Labs) C8051F041-GQ	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Related Products

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 C8051F040DK-U Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F040/F041/F042/F043 In stock: 5407 pcs RFQ	 C8051F040DK-K Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F040/F041/F042/F043 In stock: 4361 pcs RFQ
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 C8051F040DK-T Manufacturers: Energy Micro (Silicon Labs) Description: DEV KIT FOR F040/F041/F042/F043 In stock: 4034 pcs RFQ	 SILICON LABS C8051F042 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 8BIT 64KB FLASH 100TQFP In stock: 6221 pcs RFQ