



Energy Micro (Silicon Labs)

### C8051F852-C-GU

Part Number:	C8051F852-C-GU
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 8BIT 2KB FLASH 24QSOP
Datasheets:	<a href="#">1.C8051F852-C-GU.pdf</a> <a href="#">2.C8051F852-C-GU.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	106037 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 C8051F852-C-GU

PART NUMBER	C8051F852-C-GU
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 2KB FLASH 24QSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	106037 pcs
DATA SHEET	<a href="#">1.C8051F852-C-GU.pdf</a> <a href="#">2.C8051F852-C-GU.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	24-QSOP
SPEED	25MHz
SERIES	C8051F85x
RAM SIZE	256 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	2KB (2K x 8)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	24-SSOP (0.154", 3.90mm Width)
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	16
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F85x Microcontroller IC 8-Bit 25MHz 2KB (2K x 8) FLASH 24-QSOP
DATA CONVERTERS	A/D 16x12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART

#### Related Tags

Energy Micro (Silicon Labs) C8051F852-C-GU	C8051F852-C-GU Distributor	C8051F852-C-GU Supplier
C8051F852-C-GU Price	C8051F852-C-GU Pictures	C8051F852-C-GU Image
C8051F852-C-GU PDF Datasheet	C8051F852-C-GU Download Datasheet	C8051F852-C-GU Datasheet
C8051F852-C-GU Stock	Buy C8051F852-C-GU	Buy Energy Micro (Silicon Labs) C8051F852-C-GU
Energy Micro (Silicon Labs) C8051F852-C-GU	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F852-C-GU	Energy Micro C8051F852-C-GU	Energy Micro (Silicon Labs) C8051F852-C-GU
Silicon Laboratories C8051F852-C-GU	Silicon Labs C8051F852-C-GU	

#### Related Products

<p><b>C8051F852-C-GMR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 2KB FLASH 20QFN                  In stock: 158112 pcs</p> <p><b>RFQ</b></p>	<p><b>C8051F851-C-IUR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 4KB FLASH 24QSOP                  In stock: 125492 pcs</p> <p><b>RFQ</b></p>
<p><b>C8051F853-C-GM</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 8KB FLASH 20QFN                  In stock: 112776 pcs</p> <p><b>RFQ</b></p>	<p><b>C8051F852-C-IUR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 2KB FLASH 24QSOP                  In stock: 111282 pcs</p> <p><b>RFQ</b></p>
<p><b>C8051F852-C-IU</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 2KB FLASH 24QSOP                  In stock: 117854 pcs</p> <p><b>RFQ</b></p>	<p><b>C8051F852-C-GM</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 2KB FLASH 20QFN                  In stock: 126663 pcs</p> <p><b>RFQ</b></p>
<p><b>C8051F851-C-IMR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 4KB FLASH 20QFN                  In stock: 134752 pcs</p> <p><b>RFQ</b></p>	<p><b>C8051F852-C-IM</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 2KB FLASH 20QFN                  In stock: 131383 pcs</p> <p><b>RFQ</b></p>
<p><b>C8051F852-C-IMR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 2KB FLASH 20QFN                  In stock: 153917 pcs</p> <p><b>RFQ</b></p>	<p><b>C8051F851-C-IM</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 4KB FLASH 20QFN                  In stock: 126971 pcs</p> <p><b>RFQ</b></p>
<p><b>C8051F851-C-IU</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 4KB FLASH 24QSOP                  In stock: 90264 pcs</p> <p><b>RFQ</b></p>	<p><b>C8051F852-C-GUR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 2KB FLASH 24QSOP                  In stock: 142631 pcs</p> <p><b>RFQ</b></p>