



Energy Micro (Silicon Labs)

### C8051F969-A-GM

Part Number:	C8051F969-A-GM
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	IC MCU 8BIT 16KB FLASH 40QFN <a href="#">PDF 1.C8051F969-A-GM.pdf</a> <a href="#">PDF 2.C8051F969-A-GM.pdf</a>
Datasheets:	<a href="#">PDF 1.C8051F969-A-GM.pdf</a> <a href="#">PDF 2.C8051F969-A-GM.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	17614 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 C8051F969-A-GM

PART NUMBER	C8051F969-A-GM
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 8BIT 16KB FLASH 40QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	17614 pcs
DATA SHEET	<a href="#">PDF 1.C8051F969-A-GM.pdf</a> <a href="#">PDF 2.C8051F969-A-GM.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	40-QFN (6x6)
SPEED	25MHz
SERIES	C8051F9xx
RAM SIZE	4.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	16KB (16K x 8)
PERIPHERALS	DMA, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	40-VFQFN Exposed Pad
OTHER NAMES	336-2172 C8051F969AGM
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	34
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	8051 C8051F9xx Microcontroller IC 8-Bit 25MHz 16KB (16K x 8) FLASH 40-QFN (6x6)
DATA CONVERTERS	A/D 16x10b/12b
CORE SIZE	8-Bit
CORE PROCESSOR	8051
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART
BASE PART NUMBER	C8051F96

#### Related Tags

Energy Micro (Silicon Labs) C8051F969-A-GM	C8051F969-A-GM Distributor	C8051F969-A-GM Supplier
C8051F969-A-GM Price	C8051F969-A-GM Pictures	C8051F969-A-GM Image
C8051F969-A-GM PDF Datasheet	C8051F969-A-GM Download Datasheet	C8051F969-A-GM Datasheet
C8051F969-A-GM Stock	Buy C8051F969-A-GM	Buy Energy Micro (Silicon Labs) C8051F969-A-GM
Energy Micro (Silicon Labs) C8051F969-A-GM	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) C8051F969-A-GM	Energy Micro C8051F969-A-GM	Energy Micro (Silicon Labs) C8051F969-A-GM
Silicon Laboratories C8051F969-A-GM	Silicon Labs C8051F969-A-GM	

#### Related Products

<p><b>C8051F970-A-DK</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: KIT DEV FOR C8051F97X                  In stock: 1612 pcs  <a href="#">RFQ</a></p>	<p><b>C8051F969-A-GMR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 16KB FLASH 40QFN                  In stock: 4448 pcs  <a href="#">RFQ</a></p>
<p><b>C8051F968-B-GMR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 16KB FLASH 76DQFN                  In stock: 19942 pcs  <a href="#">RFQ</a></p>	<p><b>C8051F968-B-GQ</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 16KB FLASH 80TQFP                  In stock: 10959 pcs  <a href="#">RFQ</a></p>
<p><b>C8051F968-B-GQR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 16KB FLASH 80TQFP                  In stock: 12013 pcs  <a href="#">RFQ</a></p>	<p><b>C8051F969-B-GM</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 16KB FLASH 40QFN                  In stock: 16271 pcs  <a href="#">RFQ</a></p>
<p><b>C8051F970-A-GMR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 32KB FLASH 48QFN                  In stock: 43847 pcs  <a href="#">RFQ</a></p>	<p><b>C8051F970-A-GM</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 32KB FLASH 48QFN                  In stock: 31054 pcs  <a href="#">RFQ</a></p>
<p><b>C8051F968-A-GQ</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 16KB FLASH 80TQFP                  In stock: 4671 pcs  <a href="#">RFQ</a></p>	<p><b>C8051F968-B-GM</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 16KB FLASH 76DQFN                  In stock: 17763 pcs  <a href="#">RFQ</a></p>
<p><b>C8051F968-A-GQR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 16KB FLASH 80TQFP                  In stock: 7001 pcs  <a href="#">RFQ</a></p>	<p><b>C8051F969-B-GMR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: IC MCU 8BIT 16KB FLASH 40QFN                  In stock: 19333 pcs  <a href="#">RFQ</a></p>