

Specifications	
Part Number	C8051F971-A-GMR
Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 32KB FLASH 32QFN
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2562 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	32-QFN (5x5)
Speed	25MHz
Series	C8051F9xx
RAM Size	8K x 8
Program Memory Type	FLASH
Program Memory Size	32KB (32K x 8)
Peripherals	CapSense, DMA, POR, PWM, WDT
Packaging	Tape & Reel (TR)
Package / Case	32-VFQFN Exposed Pad
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	28
EEPROM Size	-
Data Converters	A/D 28x10b
Core Size	8-Bit
Core Processor	CIP-51™
Connectivity	I²C/SMBus, I²C Slave, SPI, UART/USART

In:



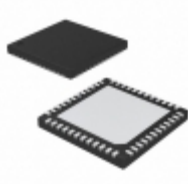
C8051F974-A-GM
Silicon Labs
IC MCU 8BIT 16KB FLASH 32QFN



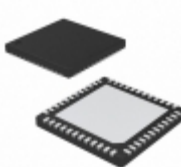
SILICON LABS



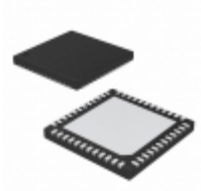
The image shows the C8051F970-A-DK development kit. It consists of a blue printed circuit board (PCB) populated with various electronic components. Key components visible include a black integrated circuit (the microcontroller), several resistors, capacitors, and a small LCD display. The board is surrounded by several black cables with different connectors, including a USB cable, a serial cable, and a power cable. A small black plastic enclosure is also present, likely for the kit's components.



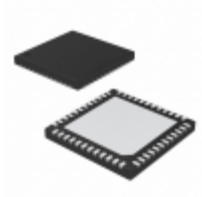
C8051F973-A-GMR
Silicon Labs
IC MCU 8BIT 16KB FLASH 48QFN



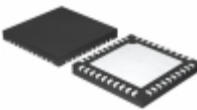
C8051F970-A-GMR
Silicon Labs
IC MCU 8BIT 32KB FLASH 48QFN



C8051F970-A-GM
Silicon Labs
IC MCU 8BIT 32KB FLASH 48QFN



C8051F973-A-GM
Silicon Labs
IC MCU 8BIT 16KB FLASH 48QFN



C8051F969-B-GMR
Silicon Labs
IC MCU 8BIT 16KB FLASH 40QFN

More

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