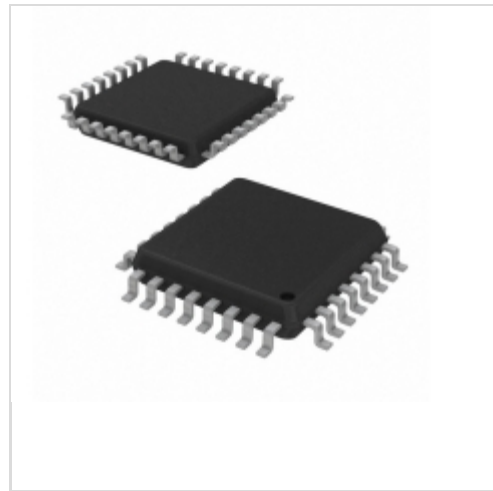


## C8051F012-GQ



### Energy Micro (Silicon Labs)

IC MCU 8BIT 32KB FLASH 32LQFP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

[C8051F012-GQ.pdf](#)

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**4**

wait for delivery

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receive the goods

## Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	2.7 V ~ 3.6 V
<b>Supplier Device Package:</b>	32-LQFP (7x7)
<b>Speed:</b>	20MHz
<b>Series:</b>	C8051F01x
<b>RAM Size:</b>	256 x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	32KB (32K x 8)
<b>Peripherals:</b>	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	32-LQFP
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of I/O:</b>	8
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 4x10b; D/A 2x12b
<b>Core Size:</b>	8-Bit
<b>Core Processor:</b>	8051
<b>Connectivity:</b>	SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART

## Related products



### C8051F012

IC MCU 8BIT 32KB FLASH 32LQFP

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### C8051F015

IC MCU 8BIT 32KB FLASH 64TQFP

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### C8051F012R

IC MCU 8BIT 32KB FLASH 32LQFP

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### C8051F011-GQR

IC MCU 8BIT 32KB FLASH 48QFP

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### C8051F011R

IC MCU 8BIT 32KB FLASH 48QFP

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### C8051F011

IC MCU 8BIT 32KB FLASH 48QFP

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### C8051F011-GQ

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### C8051F015-GQR

IC MCU 8BIT 32KB FLASH 64TQFP

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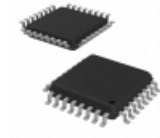


### C8051F015-GQ

IC MCU 8BIT 32KB FLASH 64TQFP

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### TL7733BIDG4

IC SUPP-VOLTAGE SUPERVISOR 8SOIC

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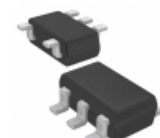


### XC6122C525MR-G

IC WATCHDOG TIMER SOT-25

[Torex Semiconductor Ltd](#)

RFQ



### XC6122F640MR-G

IC WATCHDOG TIMER SOT-25

[Torex Semiconductor Ltd](#)

RFQ

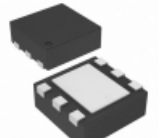


### XC6123A734ER-G

IC WATCHDOG TIMER 6-USP

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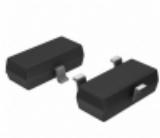


### TPS3838K33DRVGTG4

IC 2.93V NANOPWR MON 6SON

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### TLVH432BCDBZRG4

IC VREF SHUNT ADJ SOT23-3

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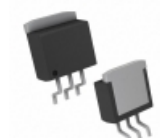


### LT8300IS5#TRMPBF

IC REG FLYBACK INV ISO TSOT23

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### LT3088EM#TRPBF

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