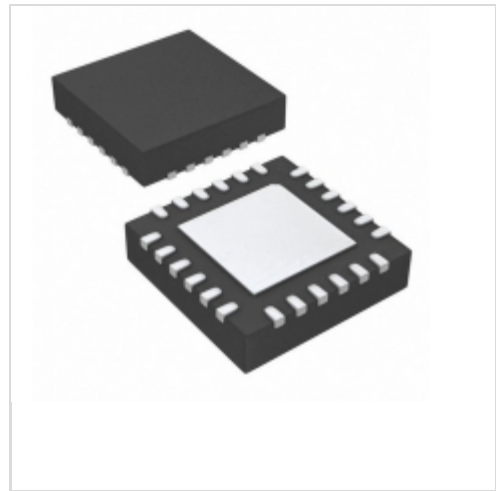


## C8051F912-GMR



### Energy Micro (Silicon Labs)

IC MCU 8BIT 16KB FLASH 24QFN

Lead free / RoHS Compliant

Integrated Circuits (ICs)

[C8051F912-GMR.pdf](#)

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## Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	0.9 V ~ 3.6 V
<b>Supplier Device Package:</b>	24-QFN (4x4)
<b>Speed:</b>	25MHz
<b>Series:</b>	C8051F9xx
<b>RAM Size:</b>	768 x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	16KB (16K x 8)
<b>Peripherals:</b>	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
<b>Packaging:</b>	Tape & Reel (TR)
<b>Package / Case:</b>	24-WFQFN Exposed Pad
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of I/O:</b>	16
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 15x10/12b
<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



**C8051F920**  
[SILICON](#)

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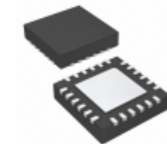
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KIT DEV FOR C8051F91X/C8051F90X  
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**C8051F912-GUR**  
IC MCU 8BIT 16KB FLASH 24QSOP  
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**C8051F912-GM**  
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IC MCU 8BIT 16KB FLASH 24QSOP  
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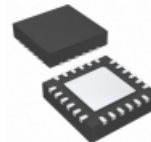
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IC MCU 8BIT 16KB FLASH 24QSOP  
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**C8051F912-GDI**  
IC MCU 8BIT 16KB FLASH DIE  
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**C8051F912-D-GMR**  
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**C8051F912-D-GUR**  
IC MCU 8BIT 16KB FLASH 24QSOP  
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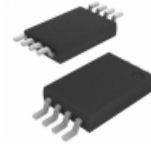
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IC PMU 1.MX51/37/35/27 139MAPBGA  
[NXP USA Inc.](#)

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**S-80839CNPFB-8YTFG**  
IC VOLT DETECTOR 3.9V SNT-4A  
[SII Semiconductor Corporation](#)

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**S-8333ACECT-8T1G**  
IC REG CTRLR BOOST 8TSSOP  
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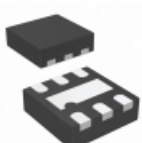
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**TPS563209DDCR**  
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