

## C8051F912-D-GM



### Energy Micro (Silicon Labs)

IC MCU 8BIT 16KB FLASH 24QFN

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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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>	Tube
<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

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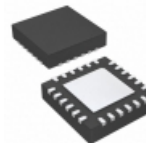
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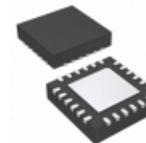
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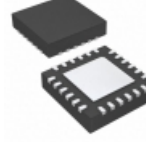
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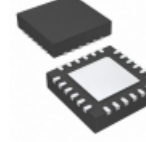
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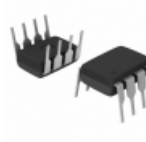
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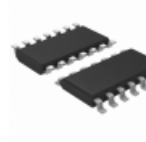
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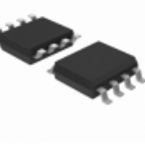
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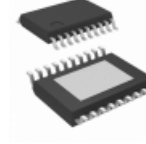
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