

## C8051F912-GDI



### Energy Micro (Silicon Labs)

IC MCU 8BIT 16KB FLASH DIE  
Lead free / RoHS Compliant  
Integrated Circuits (ICs)

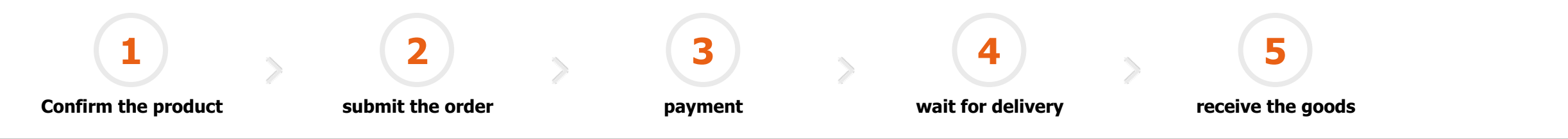
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Minimum:1  
Multiples:100  
Manufacturer lead time 10 weeks

### Shopping Process



### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	0.9 V ~ 3.6 V
<b>Supplier Device Package:</b>	Die
<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>	Bulk
<b>Package / Case:</b>	Die
<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

 <b>C8051F912-D-GMR</b> IC MCU 8BIT 16KB FLASH 24QFN <a href="#">Silicon Labs</a> <b>RFQ</b>	 <b>C8051F912-D-GU</b> IC MCU 8BIT 16KB FLASH 24QSOP <a href="#">Silicon Labs</a> <b>RFQ</b>	 <b>C8051F912-D-GDI</b> IC MCU 8BIT 16KB FLASH DIE <a href="#">Silicon Labs</a> <b>RFQ</b>	 <b>C8051F912-GMR</b> IC MCU 8BIT 16KB FLASH 24QFN <a href="#">Silicon Labs</a> <b>RFQ</b>	 <b>C8051F912-GUR</b> IC MCU 8BIT 16KB FLASH 24QSOP <a href="#">Silicon Labs</a> <b>RFQ</b>
 <b>C8051F912-GU</b> IC MCU 8BIT 16KB FLASH 24QSOP <a href="#">Silicon Labs</a> <b>RFQ</b>	 <b>C8051F912-D-GUR</b> IC MCU 8BIT 16KB FLASH 24QSOP <a href="#">Silicon Labs</a> <b>RFQ</b>	 <b>C8051F912-TB</b> EVAL BOARD C8051F912 <a href="#">Silicon Labs</a> <b>RFQ</b>	 <b>C8051F912-GM</b> IC MCU 8BIT 16KB FLASH 24QFN <a href="#">Silicon Labs</a> <b>RFQ</b>	 <b>C8051F912-D-GM</b> IC MCU 8BIT 16KB FLASH 24QFN <a href="#">Silicon Labs</a> <b>RFQ</b>

### Guess You May Looking For

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 <b>LM4040C30QDBZT</b> IC VREF SHUNT 3V SOT23-3 <a href="#">Texas Instruments</a> <b>RFQ</b>	 <b>NCP1562BDR2G</b> IC REG CTRLR FWRD CONV 16SOIC <a href="#">ON Semiconductor</a> <b>RFQ</b>	 <b>AP7363-10D-13</b> IC REG LDO 1V 1.5A TO252-3 <a href="#">Diodes Incorporated</a> <b>RFQ</b>	 <b>ADP124ARHZ-3.3-R7</b> IC REG LDO 3.3V 0.5A 8MSOP <a href="#">Analog Devices Inc.</a> <b>RFQ</b>	 <b>TLE4284DV50ATMA1</b> IC REG LDO 5V 1A TO252-3 <a href="#">Infineon Technologies</a> <b>RFQ</b>

