

## EFM32GG842F512G-E-QFP64



**Energy Micro (Silicon Labs)**  
 IC MCU 32BIT 512KB FLASH 64TQFP  
 Lead free / RoHS Compliant  
 Integrated Circuits (ICs)

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 Manufacturer lead time 10 weeks

Images are for reference only.  
 See Product Specifications for product details.  
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### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	1.98 V ~ 3.8 V
<b>Supplier Device Package:</b>	64-TQFP (10x10)
<b>Speed:</b>	48MHz
<b>Series:</b>	Giant Gecko
<b>RAM Size:</b>	128K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	512KB (512K x 8)
<b>Peripherals:</b>	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	64-TQFP
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of I/O:</b>	53
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 8x12b, D/A 2x12b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	ARM® Cortex®-M3
<b>Connectivity:</b>	I <sup>2</sup> C, IrDA, SmartCard, SPI, UART/USART

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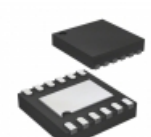
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