



Energy Micro (Silicon Labs)

### EFM32G232F128G-E-QFP64

Part Number:	EFM32G232F128G-E-QFP64
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	128K FLASH, 16K RAM, AES
Datasheets:	<a href="#">PDF EFM32G232F128G-E-QFP64.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of EFM32G232F128G-E-QFP64

PART NUMBER	EFM32G232F128G-E-QFP64
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	128K FLASH, 16K RAM, AES
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF EFM32G232F128G-E-QFP64.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.98 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	32MHz
SERIES	Gecko
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-TQFP
OTHER NAMES	336-5327 EFM32G232F128G-E-QFP64-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	53
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 Gecko Microcontroller IC 32-Bit 32MHz 128KB (128K x 8) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 8x12b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	I <sup>2</sup> C, IrDA, SmartCard, SPI, UART/USART

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