

EFM32WG842F64-QFP64T



SILICON LABS



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Part Number: [EFM32WG842F64-QFP64T](#)

Manufacturer: [Energy Micro \(Silicon Labs\)](#)

Description: IC MCU 32BIT 64KB FLASH 64TQFP

Data sheet:  [EFM32WG842](#)
 [EFM32WG Reference Manual](#)
 [EFM32WG Family Errata](#)

RoHs Status: Lead free / RoHS Compliant

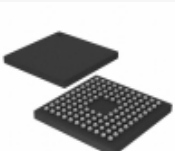
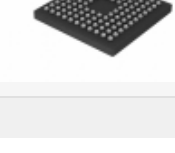
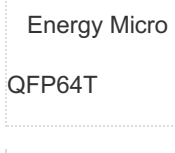
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PRODUCT PARAMETER			
Part Number	EFM32WG842F64-QFP64T	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 64KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	31570 pcs	Data sheet	EFM32WG842 EFM32WG Reference Manual EFM32WG Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
Speed	48MHz	Series	Wonder Gecko
RAM Size	32K x 8	Program Memory Type	FLASH
Program Memory Size	64KB (64K x 8)	Peripherals	Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM, WDT
Packaging	Tray	Package / Case	64-TQFP
Other Names	336-4595 EFM32WG842F64-QFP64-T EFM32WG842F64-QFP64T-ND EFM32WG842F64-T EFM32WG842F64-T-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®-M4F Wonder Gecko Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH	Data Converters	A/D 8x12b, D/A 2x12b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4F
Connectivity	I ² C, IrDA, SmartCard, SPI, UART/USART		
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