

EFM32WG232F256-QFP64T



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Part Number: EFM32WG232F256-QFP64T

Manufacturer: Energy Micro (Silicon Labs)

Description: IC MCU 32BIT 256KB FLASH 64TQFP

Data sheet:  [EFM32WG Reference Manual](#)
 [EFM32WG232 Preliminary](#)
 [EFM32WG Family Errata](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	EFM32WG232F256-QFP64T	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 256KB FLASH 64TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	27622 pcs	Data sheet	EFM32WG Reference Manual EFM32WG232 Preliminary EFM32WG Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
Supplier Device Package	64-QFN (9x9)	Speed	48MHz
Series	Wonder Gecko	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (256K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT	Packaging	Tray
Package / Case	64-LQFP	Other Names	336-4586 EFM32WG232F256-QFP64-T EFM32WG232F256-QFP64T-ND EFM32WG232F256-T EFM32WG232F256-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 256KB (256K x 8) FLASH 64-QFN (9x9)
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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