

EFM32TG822F8-QFP48





SILICON LABS

Part Number:

EFM32TG822F8-QFP48

Manufacturer:

Energy Micro (Silicon Labs)

Description:

IC MCU 32BIT 8KB FLASH 48TQFP

Data sheet:

 EFM32TG Ref Manual

 EFM32TG822 Datasheet

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	EFM32TG822F8-QFP48	Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 32BIT 8KB FLASH 48TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	59673 pcs	Data sheet	EFM32TG Ref Manual EFM32TG822 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.85 V ~ 3.8 V
Supplier Device Package	48-TQFP (7x7)	Speed	32MHz
Series	Tiny Gecko	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	8KB (8K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I ² S, LCD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-TQFP	Other Names	EFM32TG822F8 EFM32TG822F8-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	37	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 Tiny Gecko Microcontroller IC 32-Bit 32MHz 8KB (8K x 8) FLASH 48-TQFP (7x7)
Data Converters	A/D 4x12b, D/A 1x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M3	Connectivity	I ² C, IrDA, SmartCard, SPI, UART/USART
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