

EFM32TG11B320F128GQ48-AR



**SILICON LABS**

Part Number: [EFM32TG11B320F128GQ48-AR](#)

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

Description: TINY GECKO 11 ULTRA LOW POWER

Data sheet:  [EFM32TG11 Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

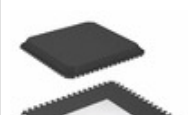
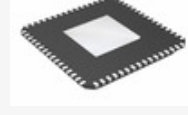
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PRODUCT PARAMETER			
Part Number	EFM32TG11B320F128GQ48-AR	Manufacturer	Energy Micro (Silicon Labs)
Description	TINY GECKO 11 ULTRA LOW POWER	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	39659 pcs	Data sheet	EFM32TG11 Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.8 V
Supplier Device Package	48-TQFP (7x7)	Speed	48MHz
Series	Tiny Gecko 1	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-TQFP	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®-M0+ Tiny Gecko 1 Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 48-TQFP (7x7)	Data Converters	A/D 12bit SAR, D/A 12bit
Core Size	32-Bit	Core Processor	ARM® Cortex®-M0+
Connectivity	CANbus, I²C, IrDA, LINbus, SmartCard, SPI, UART/USART		
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