



Energy Micro (Silicon Labs)

EFM32GG11B840F1024IQ100-A

Part Number:	EFM32GG11B840F1024IQ100-A
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	EFM32 GIANT GECKO 11 ULTRA LOW P
Datasheets:	EFM32GG11B840F1024IQ100-A.pdf
RoHS Status:	RoHS Compliant
Stock Condition:	10298 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of EFM32GG11B840F1024IQ100-A

PART NUMBER	EFM32GG11B840F1024IQ100-A
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	EFM32 GIANT GECKO 11 ULTRA LOW P
LEAD FREE STATUS / ROHS STATUS	RoHS Compliant
QUANTITY AVAILABLE	10298 pcs
DATA SHEET	EFM32GG11B840F1024IQ100-A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	72MHz
SERIES	Giant Gecko S1
ROHS STATUS	RoHS Compliant
RAM SIZE	512K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	80
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Giant Gecko S1 Microcontroller IC 32-Bit 72MHz 1MB (1M x 8) FLASH 100-TQFP (14x14)
DATA CONVERTERS	A/D 16x12b SAR, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, IrDA, LINbus, MMC/SD/SDIO, QSPI, SmartCard, SPI, UART/USART, USB

Related Tags

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Related Products

<p>EFM32GG11B840F1024IL152-BR Manufacturers: Energy Micro (Silicon Labs) Description: GIANT GECKO 11 ULTRA LOW POWER M In stock: 12916 pcs</p> <p>RFQ</p>	<p>EFM32GG11B840F1024IL152-B Manufacturers: Energy Micro (Silicon Labs) Description: GIANT GECKO 11 ULTRA LOW POWER M In stock: 9385 pcs</p> <p>RFQ</p>
<p>EFM32GG11B840F1024IQ100-B Manufacturers: Energy Micro (Silicon Labs) Description: GIANT GECKO 11 ULTRA LOW POWER M In stock: 9493 pcs</p> <p>RFQ</p>	<p>EFM32GG11B840F1024IM64-A Manufacturers: Energy Micro (Silicon Labs) Description: EFM32 GIANT GECKO 11 ULTRA LOW P In stock: 10996 pcs</p> <p>RFQ</p>
<p>EFM32GG11B840F1024IQ64-AR Manufacturers: Energy Micro (Silicon Labs) Description: EFM32 GIANT GECKO 11 ULTRA LOW P In stock: 13851 pcs</p> <p>RFQ</p>	<p>EFM32GG11B840F1024IQ100-AR Manufacturers: Energy Micro (Silicon Labs) Description: EFM32 GIANT GECKO 11 ULTRA LOW P In stock: 11696 pcs</p> <p>RFQ</p>
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