



Energy Micro (Silicon Labs)



Part Number:	EFM32GG11B820F2048GQ100-A
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	GIANT GECKO 11 ULTRA LOW POWER M
Datasheets:	PDF 1.EFM32GG11B820F2048GQ100-A.pdf PDF 2.EFM32GG11B820F2048GQ100-A.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	8820 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.

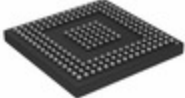
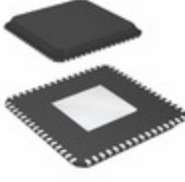
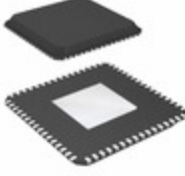
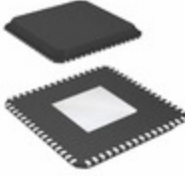
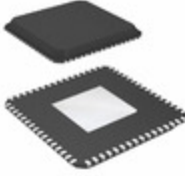
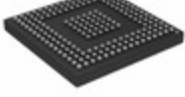
Specifications of EFM32GG11B820F2048GQ100-A

PART NUMBER	EFM32GG11B820F2048GQ100-A
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	GIANT GECKO 11 ULTRA LOW POWER M
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8820 pcs
DATA SHEET	PDF 1.EFM32GG11B820F2048GQ100-A.pdf PDF 2.EFM32GG11B820F2048GQ100-A.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	72MHz
SERIES	Giant Gecko S1
RAM SIZE	512K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	2MB (2M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TQFP
OTHER NAMES	336-4515 EFM32GG11B820F2048GQ100-A-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	80
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Giant Gecko S1 Microcontroller IC 32-Bit 72MHz 2MB (2M 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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