





Energy Micro (Silicon Labs)


## MGM12P32F1024GA-V2

Part Number:	MGM12P32F1024GA-V2
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	EFR32MG12 MESH MODULE, 1024, +18
Datasheets:	 <a href="#">MGM12P32F1024GA-V2.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
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 MGM12P32F1024GA-V2

PART NUMBER	MGM12P32F1024GA-V2
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	EFR32MG12 MESH MODULE, 1024, +18
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 <a href="#">MGM12P32F1024GA-V2.pdf</a>
VOLTAGE - SUPPLY	1.8 V ~ 3.8 V
UTILIZED IC / PART	EFR32MG12
SERIES	Mighty Gecko
SERIAL INTERFACES	I <sup>2</sup> C, SPI, UART
SENSITIVITY	-105dBm
RF FAMILY/STANDARD	802.15.4, Bluetooth
POWER - OUTPUT	17dBm
PACKAGING	Strip
PACKAGE / CASE	Module
OTHER NAMES	336-4037
OPERATING TEMPERATURE	-40°C ~ 85°C
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MODULATION	2-FSK, 4-FSK, DSSS, GFSK, GMSK, O-QPSK
MEMORY SIZE	1MB Flash, 256kB RAM
MANUFACTURER STANDARD LEAD TIME	12 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FREQUENCY	2.4GHz
DATA RATE	1Mbps
CURRENT - TRANSMITTING	10mA
CURRENT - RECEIVING	10.3mA
ANTENNA TYPE	Integrated, Chip

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 <p><b>MGM12P02F1024GE-V2R</b> Manufacturers: Energy Micro (Silicon Labs) Description: EFR32MG12 MESH MODULE, 1024, +10 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MGM12P32F1024GE-V2R</b> Manufacturers: Energy Micro (Silicon Labs) Description: EFR32MG12 MESH MODULE, 1024, +18 In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MGM13P02F512GE-V2</b> Manufacturers: Energy Micro (Silicon Labs) Description: MESH MODULE In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MGM12P22F1024GE-V2</b> Manufacturers: Energy Micro (Silicon Labs) Description: EFR32MG12 MESH MODULE, 1024, +10 In stock: 233 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MGM13P02F512GA-V2R</b> Manufacturers: Energy Micro (Silicon Labs) Description: MESH MODULE In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MGM12P02F1024GE-V2</b> Manufacturers: Energy Micro (Silicon Labs) Description: EFR32MG12 MESH MODULE, 1024, +10 In stock: 110 pcs</p> <p><a href="#">RFQ</a></p>
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