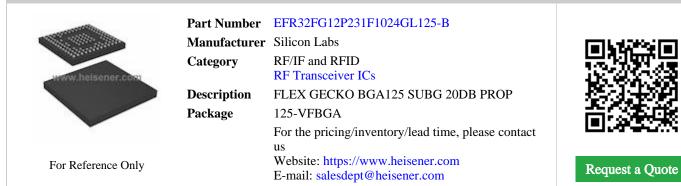


EFR32FG12P231F1024GL125-B

EFR32FG12P231F1024GL125-B Information



Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



EFR32FG12P231F1024GL125-B Specifications

| Manufacturer Part Number | EFR32FG12P231F1024GL125-B | |
|--------------------------|---|----------------|
| Manufacturer | Silicon Labs | |
| Category | RF/IF and RFID | |
| | RF Transceiver ICs | |
| Package | 125-VFBGA | |
| Series | Flex Gecko | |
| Туре | TxRx + MCU | |
| RF Family/Standard | - | |
| Protocol | - | |
| Modulation | 2-FSK, 4-FSK, ASK, BPSK, DBPSK, DSSS, GFSK, GMSK, OOK, O-QPSK | |
| Frequency | 169MHz, 315MHz, 433MHz, 490MHz, 868MHz, 915MHz | |
| Data Rate (Max) | 2Mbps | |
| Power - Output | 20dBm | |
| Sensitivity | -102dBm | |
| Memory Size | 1024kB Flash, 128kB RAM | |
| Serial Interfaces | I2C, I2S, SPI, UART | |
| GPIO | 65 | |
| Voltage - Supply | 1.8 V ~ 3.8 V | |
| Current - Receiving | 8mA ~ 10.8mA | |
| Current - Transmitting | 8.2mA ~ 126.7mA | |
| Operating Temperature | $-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$ | |
| Package / Case | 125-VFBGA | |
| | | Report errors? |

EFR32FG12P231F1024GL125-B Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.



If you have any question about EFR32FG12P231F1024GL125-B, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com