


Bluetooth v4.0 (BLE) SMART SOC 36-Pin T/R

Manufacturer:	Silicon Laboratories Inc
Package/Case:	MODULE
Product Type:	RF Integrated Circuits
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Obsolete



Images are for reference only

[Inquiry](#)

General Description

Bluegiga Legacy Bluetooth Low Energy (BLE) modules (BLE112/BLE113/BLE121LR/BLED112) have been very popular in the market since launching in 2011 and are still in volume production today. However, for new Bluetooth 5 designs, we recommend our latest BGM13 Bluetooth Modules and BGX13 Bluetooth Modules, based on our EFR32BG SoCs.

Key Features

- Bluetooth v.4.0 single mode compliant (supports master and slave modes)
- Integrated Bluetooth Smart stack (GAP, GATT, L2CAP and SMP)
- 0dBm to -23dBm TX power and -93dBm receiver sensitivity radio performance
- UART, SPI, 12bit ADC, I2C, PWM and GPIO flexible peripheral interfaces
- UART host interface
- Programmable 8051 processor for standalone operation

Recommended For You

BLE112-E-V1

Silicon Laboratories Inc
Module

BLE112-A-V1

Silicon Laboratories Inc
SMD

BLE121LR-A-M256K

Silicon Laboratories Inc
MODULE

BLED112-V1C

Silicon Laboratories Inc
Module

BLE113-A-V1

Silicon Laboratories Inc
MODULE

BLED112-V1

Silicon Laboratories Inc
USB

RS9113-N00-D1W

Silicon Laboratories Inc
IC

WF121-E-V2

Silicon Laboratories Inc
MODULE

WF121-A-V2

Silicon Laboratories Inc
MODULE

WFM200S022XNA3

Silicon Laboratories Inc
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BGMI21A256V2

Silicon Laboratories Inc
QFN32

WF111-A-V1

Silicon Laboratories Inc
Module

MGM210PB32JIA2

Silicon Laboratories Inc
LQFP

RS9116N-DB00-CC1-B00

Silicon Laboratories Inc
FBGA

BGMI3S22F512GA-V3R

Silicon Laboratories Inc
SMD