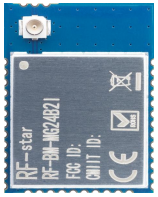
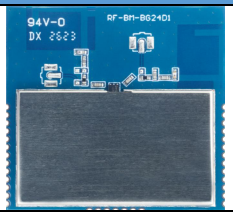
Silicon Labs EFR32MG24 Series Wireless Modules				
Part Number	**RF-BM-MG24B1**	**RF-BM-MG24B2**	**RF-BM-MG24B2I**	**RF-BM-MG24D1**
Photo				
IC	EFR32MG24A410F1536IM48-B	EFR32MG24A420F1536IM48-B	EFR32MG24A420F1536IM48-B	EFR32MG24A420F1536IM48-B
Max. TX Power	+10 dBm	+19.5 dBm	+19.5 dBm	+19.5 dBm
Transmission Range	240 m @ 1M PHY 470 m @ LE CODE 800 m @ 802.15.4	370 m @ 1M PHY 610 m @ LE CODE 1000 m @ 802.15.4	450 m @ 1M PHY 700 m @ LE CODE 1200 m @ 802.15.4	400 m @ 1M PHY
Antenna	PCB	PCB	IPEX Connector	Dual PCB
Dimension (mm)	23.35 x 17.0 x 2.2			32.0 x 32.5 x 2.2
GPIO	30			28
Core	76.8 MHz ARM® Cortex®-M33			
RAM	256 kB			
Flash	1536 kB			
Power Supply	2.2 V ~ 3.8 V (DC-DC mode) 1.8 V ~ 3.8 V (Bypass mode) 3.3 V is recommended			
Protocols	Matter, OpenThread, ZigBee, BLE5.3, Proprietary, Bluetooth Mesh, AoA/AoD, Channel Sounding			
Receiving Sensitivity	-105.7 dBm (125 kbps GFSK) -97.6 dBm (1 Mbit/s GFSK) -94.8 dBm (2 Mbit/s GFSK)			
Working Temperature	-40 ℃ ~ +85 ℃			
Storage Temperature	-40 ℃ ~ +125 ℃			
Applications	Gateway, home automation, direction			

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