

Technical specifications:

- TX power: up to +3 dBm
- RX sensitivity: down to -93 dBm
- Range: up to 50 m
- Integrated antenna
- 32-bit ARM CPU, 256 kB flash memory, 32 kB RAM
- Integrated DC-DC converter
- Hardware interfaces (UART, SPI, I2C, ADC, DAC etc.)
- Supply voltage: 1,85 - 3,8 VDC
- 8,8 mA TX current at 0 dBm at 2,4 GHz
- 8,7 mA RX current at 2,4 GHz
- Temperature range: -40 to +85 °C
- Dimensions (W x L x H): 9,15 mm x 15,73 mm x 1,9 mm

Example photographs of representative sample:

Figure 1 BGM113 top

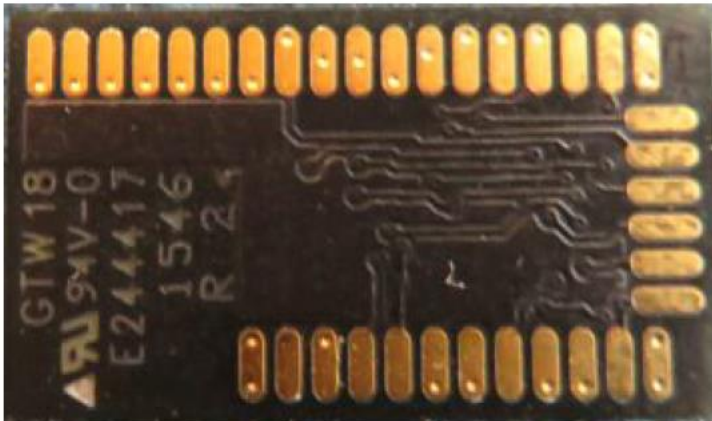


Figure 2 BGM113 bottom

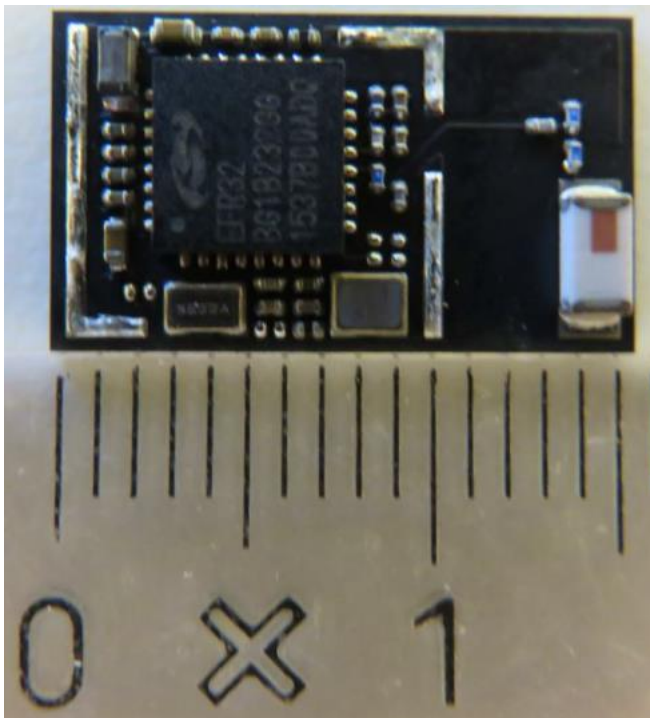


Figure 3 BGM113 internal