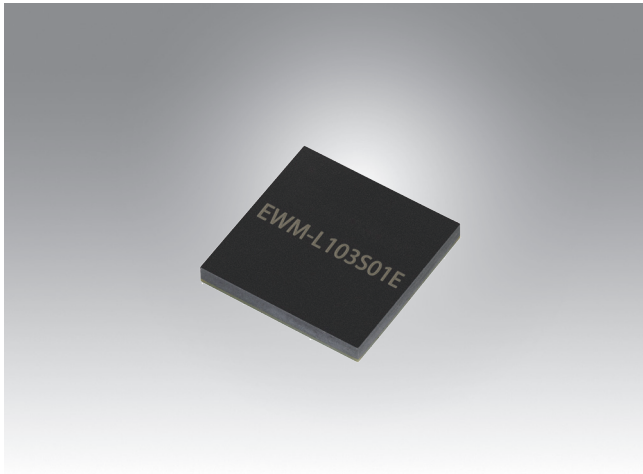


EWM-L103

LoRa+BT SIP type RF module



Features

- Max +20dBm RF Output Power for LoRa
- FSK, GFSK, MSK, GMSK, LoRa and OOK modulation
- Programmable bit rate up to 300kbps
- Operating temperatur: -40 to +85 °C
- Support Bluetooth 4.2 core specification
- Integrated MCU (ARM Cortex-M0 max 53MHz)

Specifications

Main Chipset	Semtech SX1276+Realtek RTL8762
Antenna	External LoRa and BLE Antenna
Band	Bands EU868 / US915 MHz Bands(860~930 MHz)
Output Power	FSK/OOK Mode: 2 < TBD < 17dBm (Programmable) LoRa Modulation: Typical 13 dBm (Programmable) Max +20 dBm for high power mode
Interface	UART
Operation Voltage	3.3V ± 10%
Temperature Ranges	Operation: -40 to +85 °C
Dimensions (L x W x H)	10 x 10 x 1.22 mm

Ordering Information

Part No.	Product Description
EWM-L103S01E	LoRa HF Modem and BLE SOC Combo Microcontroller Module