



S-POWER ELECTRONICS LTD.

...iSmarter wireless connectivity

## ISM Band Serial Interface RF Transmitter Module

S-Power's BG1W356 and BG1W353 ISM band serial interface RF modules works with sub1GHz ISM band, and offers medium to high output power at affordable price. The transmitter embedded a SAW stabilized oscillator using proprietary RF IC to ensure accurate frequency control for the best range performance. Output power and harmonic emissions are easy to control, making FCC and ETSI compliance with minimum efforts. The manufacturing friendly SIP style package and low cost makes the BG1W356 RF modules suitable for high volume applications.



Part No	Max Supply Voltage	High output accuracy	Output Power	Modulation	Frequency	Power consumption	Data Rate (Bit)	Input Tolerant	Package
BG1W356T3	12V	±75kHz	3dBm@3V 433.92MHz	OOF / FSK	315~915MHz	OOK 0: 1uA OOK 1: 11mA FSK: 11mA	OOK: 8kbps FSK: 30kbps	5V	16.21 x 10.32 x 5.71 mm SIP
BG1W356T9	9V	±75kHz	9dBm@3V 433.92MHz	OOF / FSK	315~915MHz	OOK 0: 1uA OOK 1: 45mA FSK: 45mA	OOK: 8kbps FSK: 30kbps	5V	16.21 x 10.32 x 5.71 mm SIP
BG1W356T12	9V	±75kHz	12dBm@3V 433.92MHz	OOF / FSK	315~915MHz	OOK 0: 1uA OOK 1: 110mA FSK: 110mA	OOK: 8kbps FSK: 30kbps	5V	16.21 x 10.32 x 5.71 mm SIP
BG1W353T3	5V	±75kHz	3dBm@3V 915MHz	OOF	868~915MHz	OOK 0: 10uA OOK 1: 5mA	OOK: 8kbps FSK: 30kbps	5V	16.21 x 10.32 x 5.71 mm SIP



Unit513,Lakeside 1, Bldg. 15, No.8 Science Park West Avenue, Hong Kong Science Park, New Territories., Hong Kong  
Tel: 852 35951823 | Fax: 852 26619845 | e-mail: sam@s-power.com.hk | website: www.s-power.com.hk