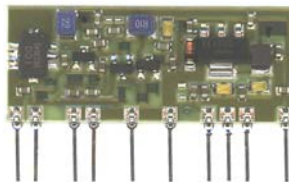




AM-TXHP-433 Transmitter Module

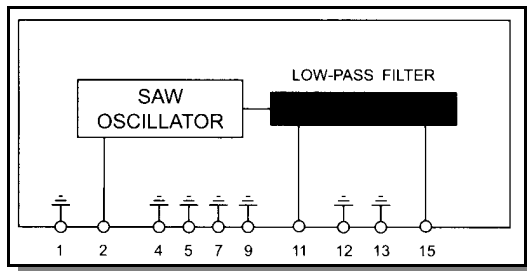
The AM-TXHP-433 transmitter module offers high power with low spurious emissions. This SAW based transmitter with external antenna requires standard 0V/5V logic levels on its data input. It employs OOK modulation and is suitable for use with ABACOM's AM receiver modules such as the AM-HRR3, AM-HRR6 or the AM-RSS2.



Technical Specifications

- High-miniaturization SIL thick-film hybrid circuit
- Working frequency : 433.92MHz obtained by SAW resonator
- RF output power : 400mW (26 dBm \pm 1 dB) @ +12V with 50W at pin 11
- RF output power : 600mW (28 dBm \pm 1 dB) @ +15V
- RF output impedance : 50W
- Input modulation (pin 2) : +5V logic
- Modulation frequency : 4KHz max. with 5V logic
- +12V supply : typical consumption 60mA with square wave modulation (80 mA @ +18V)
- Zero consumption without modulation
- Dimensions: 38.1 x 16.3 x 4 mm. Pin pitch 2.54 mm

Block Diagram



Pin Out

1) Ground	9) Ground
2) Data Input	11) Antenna Output
4) Ground	12) Ground
5) Ground	13) Ground
7) Ground	15) Vcc from +12V to +18V