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High Power FSK / OOK Transmitter Module

The TXF-1000U ISM band high power data transmitter is an ideal design module used for Car Alarm, Security System, and Remote controller, etc..

Main Function

- Complete with 1 crystal and 1 SAW Filter design
- Frequency Band: 315/434/868/915MHz
- Any 2 Lever formats
- Data rate from 300bps to 10Kbps.
- High Power output up to 1 W (30 dBm)
- Wide operate Volt from DC 5V to DC 9V
- Wide operate temperature from -20°C -- +70°C
- Small size



Specification

Description	Part No: TXF-1000U
Frequency stability	30ppm at 25°C
Operation frequency	148MHz, 315MHz, 434MHz, 868MHz, 915MHz
Data Rate	300bps to 10Kbps.
Modulation	± 30K for wide band FSK, ± 4.5K for narrow band FSK
Channel spacing	100KHz for wide band, 25KHz for narrow band
Working Voltage	5-9V DC
RF power output	Max 30dBm (1000mW).
Power consumption	Standby 12mA/TX ON 490mA.(at 1 watt output)
Working temperature range	-20°C-+70°C.
Module Size	58mm X 17mm X 6mm.
Weight	8 grams.



Pin Description

Pin Number	Name	Description
1	ANT	RF Output to antenna
2	GND	GND
3	GND	System Ground
4	VCC	Power Supply DC V+ 5V to 9V
5	Data	Transmitter Data
6	TX	TX Enable (Hi to TX ON)
7	GND	Ground

Pin Lead size: 2.54mm 7 pin single

PCB Size and Pin Assignment

