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# FSK / ASK Transmitter Modules

TX-3 is an FSK/ASK transmitter module, which is the New generation Module of the family version TX-7, It has the features of small size, easy installation and simple operation. Easy pass kinds of FCC or CE certification.

## Key Feature

- ◆ Operating Frequency : 315 / 433.92MHZ
- ◆ Modulation Mode : FSK / ASK
- ◆ Operating Voltage : 1.8 ~ 3.6V
- ◆ Quiescent Current : 0uA
- ◆ Operating Current : 10mA
- ◆ Data Rate : 9.6Kbps
- ◆ Output Power :  $\geq 10$ dbm
- ◆ Frequency Error :  $\pm 30$ KHZ
- ◆ Operating Temperature :  $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- ◆ Adopting PLL stable frequency (20PPM)
- ◆ Transmission Distance : 500m ( Matching Module : RXB-3 )
- ◆ Dimension : 14 \* 16 \* 5.5mm



## Application

- ◆ Car security system
- ◆ Body Control Module system (BCM)
- ◆ Remote Keyless Entry system (RKE)
- ◆ Tire-Pressure Monitoring system (TPMS)
- ◆ Remote keyless entry
- ◆ Garage door controller
- ◆ Home security
- ◆ Wireless mouse
- ◆ Automation system

## Electrical Characteristics

Parameter	Symbol	Condition	Specification			Unit
			Min	Typical	Max	
Operating frequency	Fc		315		433.92	MHz
Modulation mode			FSK ASK			
Transmission power		3V/50Ω		10dBm		dBm
Deviation of frequency	Fc			±30K		Hz
Operating current	IRC				10	mA
Operating Voltage	VCC		1.8		3.6	V
Operating temperature	TC		-40		105	℃

## Pin Dimension

