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Wireless Transmitter /Receiver Modules

General Description

The Holystone C.E Components Division distribute RF/MCU IC .We help customers to develop and design the projects for RF and MCU's software.

Holystone have designed some RF modules on Transmitter /Receiver with both FSK and ASK. The frequency is in ISM band (315MHz/434MHz/868MHz/915MHz/2.4GHz).The integration service can be a great value to customers with limited design resources and a very tight time-to market schedule.

Applications:

- Use ISM band (315/434/868/915MHz/2.4GHz)
- Car alarm and security systems
- Home automation.
- Remote control system
- Garage door openers
- Low power telemetry
- Game con....
- Baby Monitor



Products and spec

ASK TX MODULE

Product Name	Frequency	Operating Voltage	Supply Current	Standby Current	Output Power	Data Rata	Turn on -off	Operating Temperature
MO-SAWR-A315M	315MHz	1.5~12V	20mA (5V)	-	10dBm	200~4K bps	20ms(control VCC)	-20℃ ~ +85℃
MO-SAWR-A434M	433.92MHz							
MO-TX4915-A315M	315MHz	2.2V~3.6V	20mA (3V)	5uA	5dBm	300~10K bps	3ms	-20℃ ~ +85℃
MO-TX4915-A434M	433.92MHz							
MO-TX4915-A868M	868.35MHz							
MO-TX4915-A914M	914.5MHz							

FSK TX MODULE

Product Name	Frequency	Operating Voltage	Supply Current	Standby Current	Output Power	Data Rate	Turn on -off	Operating Temperature
MO-TX4915-F315M	315MHz	2.2V~3.6V	20mA (3V)	5uA	5dBm	300~10K bps	3ms	-20°C ~ +85°C
MO-TX4915-F434M	433.92MHz							
MO-TX4915-F868M	868.35MHz							
MO-TX4915-F914M	914.5MHz				0dBm			

ASK RX MODULE

Product Name	Frequency	Operating Voltage	Supply Current	Standby Current	Sensitivity	Data Rata	Turn on -off	Operating Temperature
MO-RXLC-AS315M	315MHz	3.5V~5.5V	3.5mA	—	-104dBm	300~6K	25ms(control VCC)	-20℃ ~ +85℃
MO-RXLC-AS434M	433.92MHz							
MO-RX3310A-AS315M	315MHz	2.2V~6V	7mA	—	-103dBm	300~4k bps	10ms (control VCC)	-20℃ ~ +85℃
MO-RX3310A-AS434M	433.92MHz							
MO-RX3400-A315M	315MHz	5V	3mA	—	-105dBm	300~8k bps	30ms(control VCC)	-20℃ ~ +85℃
MO-RX3400-A434M	433.92MHz							
MO-RX3930-AS868M	868.35MHz	2.4V~5V	8mA	0.6mA	-106dBm	300~8k bps	6ms	-20℃ ~ +85℃
MO-RX3930-AS914M	914.5MHz							

FSK RX MODULE

Product Name	Frequency	Operating Voltage	Supply Current	Standby Current	Sensitivity	Data Rata	Turn on -off	Operating Temperature
MO-RX3930-FS315M	315MHz	2.4V~5V	8mA	0.6mA	-104dBm	300~8k bps	6ms	-20℃ ~ +85℃
MO-RX3930-FS434M	433.92MhZ							
MO-RX3930-FS868M	868.35MHz							
MO-RX3930-FS914M	914.5MHz							