

2.4G 50MW TX2570 FM Transmitter Module DC 3.3-5.5V VCD/DVD/DVB/Video Wireless Transmission Module 2370-2570MHz

Description

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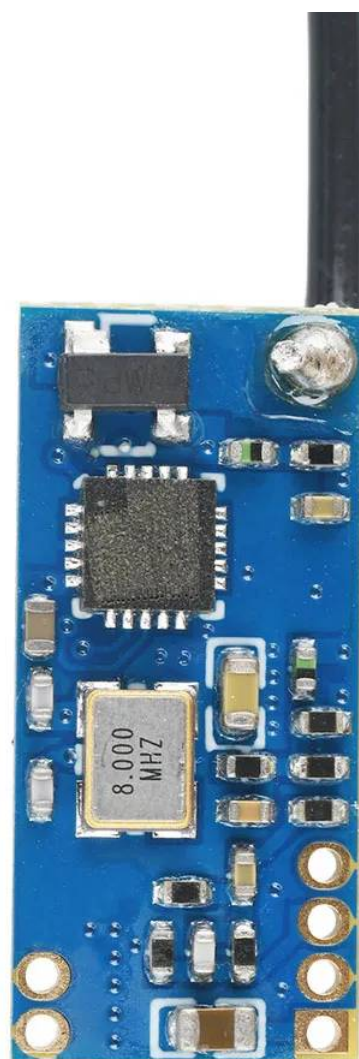
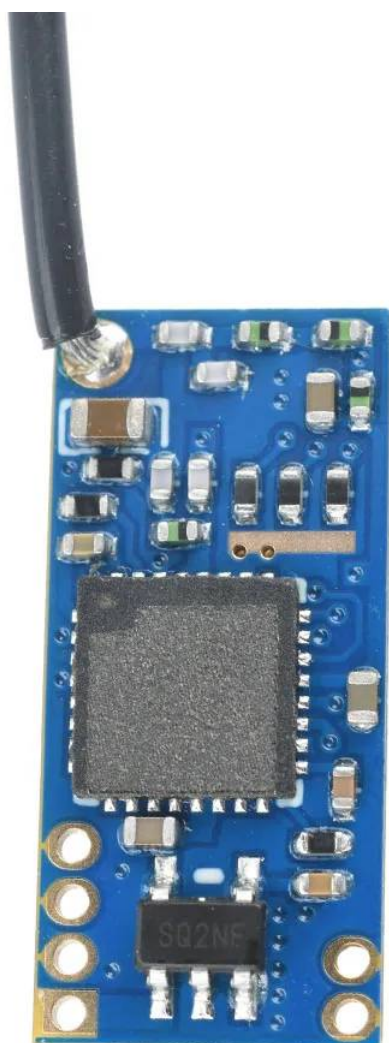


Features: 1.2.4G broadband FM transmission: supports high quality audio transmission, wide coverage, stable and clear signal 2.High output power (17dBm): provides strong transmitting ability and ensures excellent long-distance communication effect. 3.Built-in frequency phase-locked loop: strong frequency stability, effectively reducing interference and guaranteeing the quality of signal transmission. 4. Video signal direct modulation: support video signal direct input and modulation, simplify the equipment connection steps 5. Support 8 frequency points (MHz): 2370, 2390, 2414, 2432, 2450, 2468, 2510, 2570 Parameter: DC Characteristics Wide Voltage Operation: 3.3-5.5V Low Power Consumption: 3.3V 85mA Operating Environment Operating Temperature: -10~70°C Storage Temperature: -30~85°C Operating Humidity: 85%RH RF Transmitting Frequency Range: 2370-2570MHz Output VSWR: 2:1 Modulation Mode: 50Ω, Typ Intrinsic Oscillation Frequency Stability: ±100kHz Intrinsic Oscillation Frequency Accuracy: ±200kHz Local oscillation control: PLL High Output Power: 17dBm Video: Video Input Impedance: 75Ω, Typ Video Input Level: 1V(p-p), Typ Video Polarity: Negative Video Frequency Response: ±5dB, Max. 50Hz~6MHz Product Size: 17*8*2.6mm Applications 1. VCD/DVD/DVB/Video wireless transmission 2. Baby monitoring 3. Real-time on-site image monitoring 4. Security transmission system 5. PSP game to TV 6. wireless visual reversing Package include: Module*1 Features: 1.2.4G broadband FM transmission: supports high quality audio transmission, wide coverage, stable and clear signal 2.High output power (17dBm): provides strong transmitting ability and ensures excellent long-distance communication effect. 3.Built-in frequency phase-locked loop: strong frequency stability, effectively reducing interference and guaranteeing the quality of signal transmission. 4. Video signal direct modulation: support video signal direct input and modulation, simplify the equipment connection steps 5. Support 8 frequency points (MHz): 2370, 2390, 2414, 2432, 2450, 2468, 2510, 2570 Parameter: DC Characteristics Wide Voltage Operation: 3.3-5.5V Low Power Consumption: 3.3V 85mA Operating Environment Operating Temperature: -10~70°C Storage Temperature: -30~85°C Operating Humidity: 85%RH RF Transmitting Frequency Range: 2370-2570MHz Output VSWR: 2:1 Modulation Mode: 50Ω, Typ Intrinsic Oscillation Frequency Stability: ±100kHz Intrinsic Oscillation Frequency Accuracy: ±200kHz Local oscillation control: PLL High Output Power: 17dBm Video: Video Input Impedance: 75Ω, Typ Video Input Level: 1V(p-p), Typ Video Polarity: Negative Video Frequency Response: ±5dB, Max. 50Hz~6MHz Product Size: 17*8*2.6mm Applications 1. VCD/DVD/DVB/Video wireless transmission 2. Baby monitoring 3. Real-time on-site image monitoring 4. Security transmission system 5. PSP game to TV 6. wireless visual reversing Package include: Module*1

Picture

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Product Features

1. 2.4G broadband FM transmission: support high quality audio transmission, wide coverage, stable and clear signal

2. High output power (17dBm): provides strong transmitting ability, ensuring excellent long-distance communication effects

3. Built-in frequency phase-locked loop: strong frequency stability, effectively reducing interference and guaranteeing the quality of signal transmission.

4. Video signal direct modulation: support video signal direct input and modulation, simplify the equipment connection steps

5. Support 8 frequency points (MHz): 2370, 2390, 2414, 2432, 2450, 2468, 2510, 2570.

appliance

1. VCD/DVD/DVB/video wireless transmission

2. Baby monitoring

3. Real-time live image monitoring

4. Security transmission system

5. PSP game to TV 6. wireless visual car reversing

Product Parameter

DC Characteristics

Wide Voltage Operation: 3.3-5.5V

Low Power Consumption: 3.3V 85mA

Operating Environment

Operating Temperature: -10~70°C

Storage Temperature: -30~85°C

Operating Humidity: 85%RH

Video

Video Input Impedance: 75Ω, Typ

Video Input Level: 1V(p-p), Typ

Video Polarity: Negative Polarity Video

Frequency Response: ±5dB, Max. 50Hz~6MHz

Product Size: 17*8*2.6mm

RF

Transmit Frequency Range: 2370-2570MHz

Output VSWR: 2:1

Modulation: 50Ω, Typ

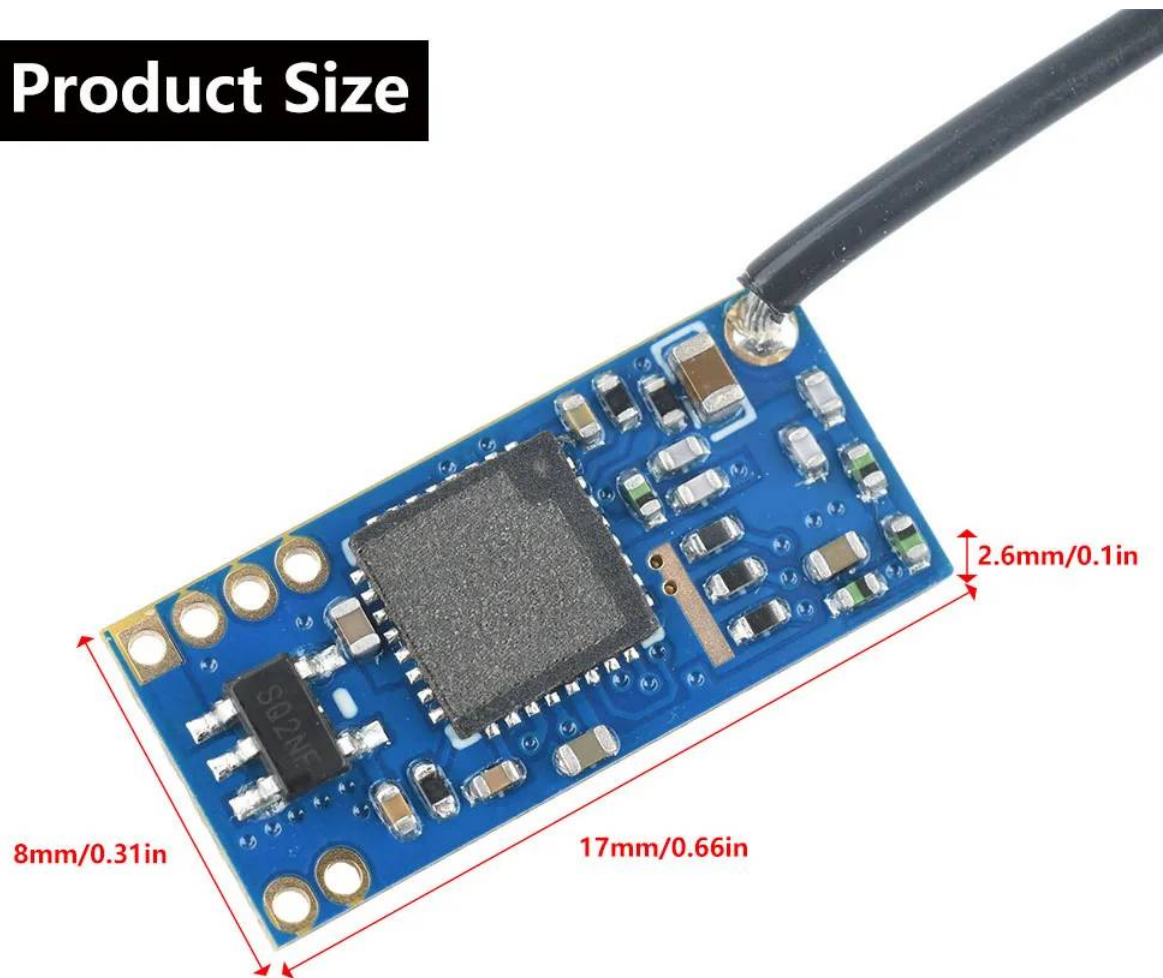
Intrinsic Frequency Stability: ±100kHz

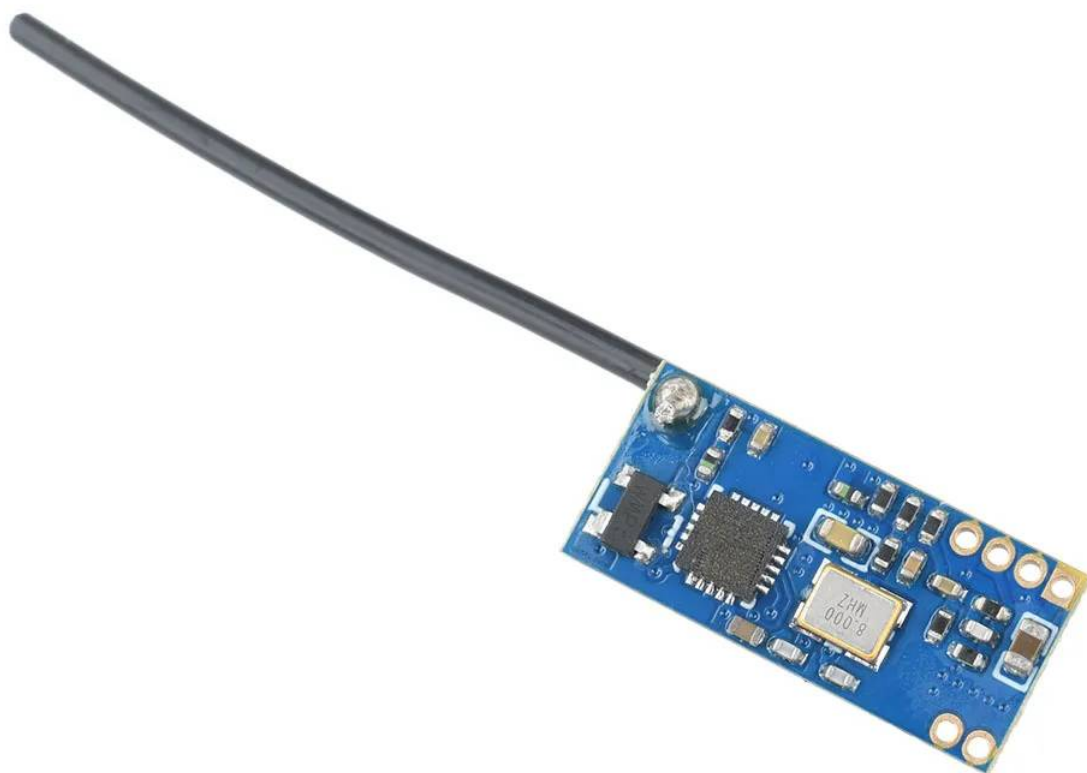
Intrinsic Frequency Accuracy: ±200kHz

Intrinsic Control: PLL

High Output Power: 17dBm

Product Size



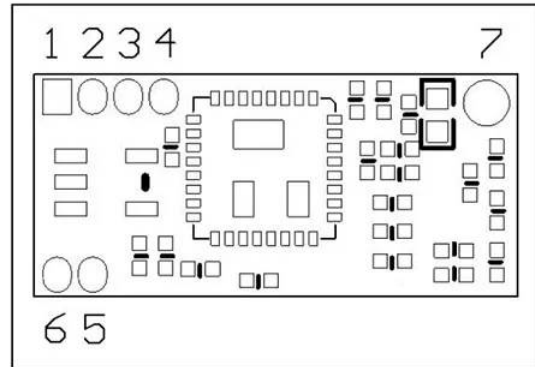


1 for suspended, 0 for grounded

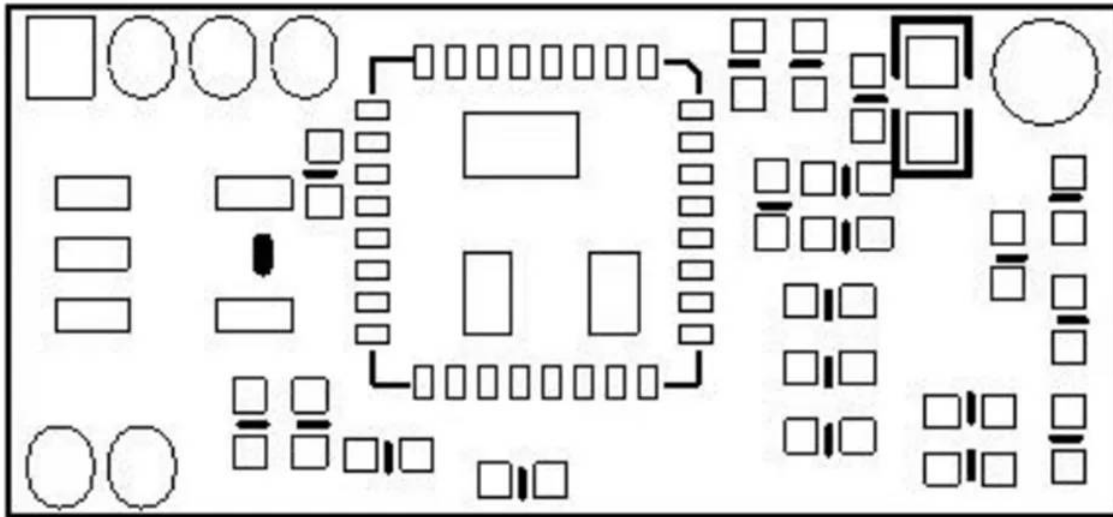
2.4G 2570 transmitter channel table							
CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
CS3/CS2/CS1	CS3/CS2/CS1	CS3/CS2/CS1	CS3/CS2/CS1	CS3/CS2/CS1	CS3/CS2/CS1	CS3/CS2/CS1	CS3/CS2/CS1
0/0/0	0/0/1	0/1/0	0/1/1	1/0/0	1/0/1	1/1/0	1/1/1
2510	2390	2414	2432	2450	2468	2370	2570

TX2570 Pinout and Channel Table

Pin NO.	Function
P1	Power input (+3.3~+5V IN)
P2	GND
P3	Video input
P4	CS1
P5	CS2
P6	CS3
P7	Antenna Output (ANT)



TX2570 Structure



TX2570 Application Circuit

