

FSK TRANSMITTER - 50Ω

Cod. 3-2000588

DESCRIPTION:

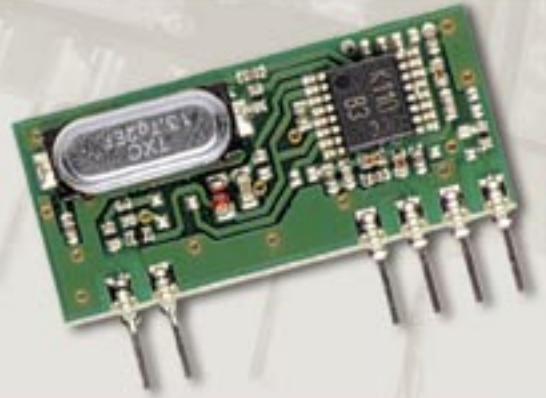
433.92 MHz FSK transmitter with crystal locked oscillator, manufactured in SMT technology on glass-epoxy laminate. Very compact dimensions.

HIGHLIGHTS:

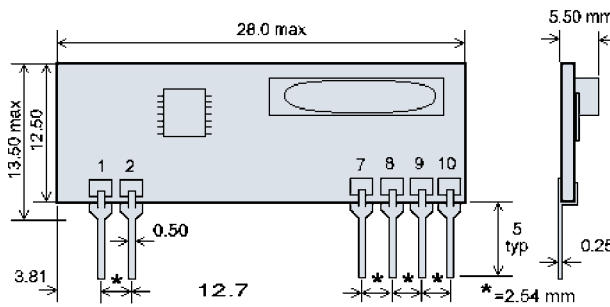
TTL or CMOS logic compatible input. Developed according to I-ETS 300 220 e ETS 300 683 European Standard.

APPLICATIONS:

Security systems, surveillance systems, data transmission and more.



MECHANICAL CHARACTERISTICS



Pin functions

- 1 = Tx DATA
- 2 = GND
- 7 = GND
- 8 = RF Output (50Ω)
- 9 = GND
- 10 = Vcc

ABS. MAX. RATINGS

Power Supply, Vcc, pin 10:	+ 6 Volt
Voltage, with respect to GND of pins 1,8:	+ 6 Volt
Storage Temperature:	- 40 ÷ + 100 °C
Operational Temperature:	- 20 ÷ + 80 °C

ELECTRICAL CHARACTERISTICS AT 25 °C :

Parameter	Min.	Tip.	Max	Unit	Notes
Power Supply (Vcc)	2.7	3	3.3	Volt	
Current Supply	-	13	-	mA	Note 1
Carrier Frequency	-	433.92	-	MHz	
Frequency deviation (_f)	-	±30	-	kHz	
Output Power (50Ω load)	-	+ 6	+ 8	dBm	Note 1
Start-up time	-	-	1	msec	
Logic Low	-0.7	-	0.4	Volt	
Logic High	2.7	-	3	Volt	
Baud Rate	-	-	38400	Baud	

Note 1: Vcc = + 3V, square wave modulation 1 KHz, duty cycle 50%, Logic High = 3V.

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