

Multichannel High Power TX

500 mW RF output

TX 869 BOOST

DESCRIZIONE

Modulo trasmettitore multicanale FSK con antenna esterna per applicazioni di trasmissione di dati digitali a lunga distanza. Conforme CEPT 70-03 Annesso 1 43

DESCRIPTION

Multichannel FSK transmitter module with external antenna ideal for applications of long range digital data transmission. Compliant to CEPT 70-03 Annex 1 43

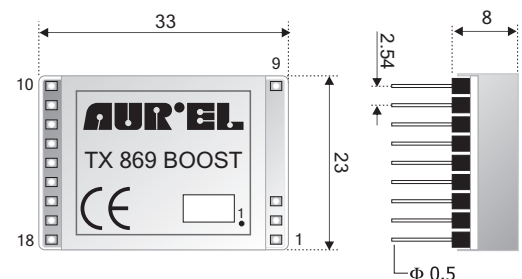
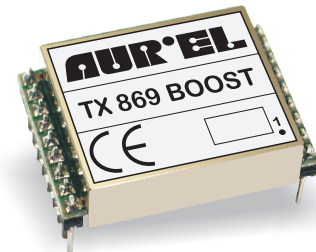
FEATURES

- High power out 0.5W
- Frequency 869.40 - 869.65 MHz
- Low consumption in power-down 0.3 μ A
- Up to 4 channels
- Very long distance covered
- Power supply 3-5V
- FM modulation

APPLICATIONS

- Dog Tracking
- Garden Irrigation
- Rescue
- Road works lighting
- Environment telemetry

DIMENSIONS



PIN-OUT

- | | |
|-----------|-------------|
| 1) GND RF | 13) FSEL |
| 2) ANT | 14) MOD IN |
| 3) GND RF | 15) PA-CTRL |
| 9) GND | 16) ENABLE |
| 10) GND | 17) VCC |
| 11) FSEL | 18) GND |
| 12) FSEL | |

TECHNICAL SPECIFICATION

Ta = 25 °C

Characteristics	Caratteristiche	Min	Typ	Max	Unit
Supply voltage	Alimentazione	3		5	Vdc
Supply current (5V)	Corrente assorbita (5V)		450		mA
Working frequency (4 Ch)	Frequenza di lavoro (4 canali)		869.4 - 869.65		MHz
RF output power	Potenza in uscita RF	+23 (3V)	+27 (5V)		dBm
RF output impedance	Impedenza di uscita RF		50		Ohm
Input logic level	Livello logico d'ingresso	Vs		Vs	V
Operating temperature range	Temperatura di lavoro	-20		+80	°C

PRELIMINARY