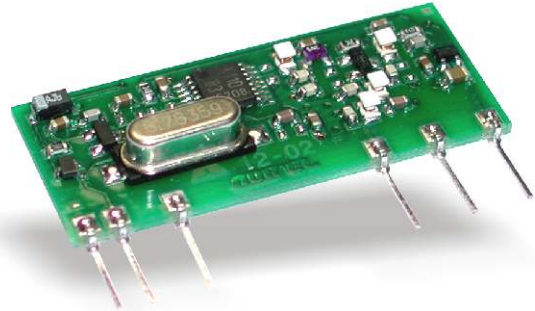


434 Mhz PLL FSK Transmitter with dedicated antenna



Descrizione

Modulo trasmettitore PLL in modulazione di frequenza (2FSK) con antenna esterna per applicazioni con modulazione ON-OFF di una portante RF con dati digitali. Pin-to-pin compatibile con la serie di trasmettitori FSK AUREL.

Consumo nullo in assenza di segnale. Tensione di alimentazione variabile nell'intervallo di specifica.

In accordo con le Normative Europee.

Description

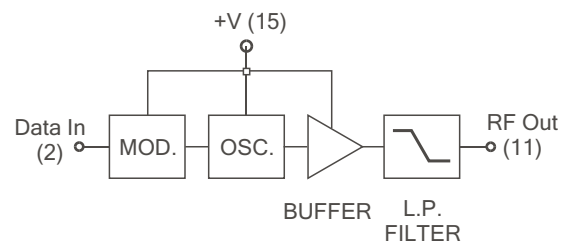
PLL FM transmitter (2FSK) with external antenna ideal for application when you need to modulate ON-OFF a RF carrier with digital signals. Pin to pin compatible with all FSK AUREL transmitters.

Null consumption without modulation signal. In compliance with European Normative.

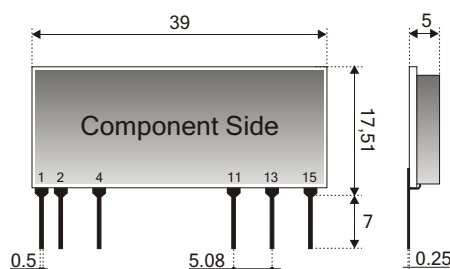
Applications

Gate door openers, Burglar alarms, Car alarms, Personal security, Home security, Remote controls.

Block diagram



Mechanical Dimensions



Pin-out

- 1) Ground
- 2) Data Input
- 4) Ground
- 11) RF Output
- 13) Ground
- 15) +V

434 Mhz PLL FSK Transmitter with dedicated antenna

Technical Specification

Ta = 25 °C

Characteristics	Min	Typ	Max	Unit
V _s Supply Voltage	2.7	3	5	Vdc
I _s Supply Current		15		mA
F _c Carrier frequency		433.92		MHz
P _o RF Output power	+5	+6	+10	dBm
Z _o RF Output Impedance		50		Ω
D _f Deviation		±35		KHz
F _m Square wave modulation			10	KHz
L _i Input logic level	0		V _s	V
T _{wu} Wake up time	6			mS
T _{op} Operating temperature range	-20		+80	°C

Specifiche Tecniche

Ta = 25 °C

Caratteristiche	Min	Tip	Max	Unit
V _s Alimentazione	2.7	3	5	Vdc
I _s Corrente assorbita		15		mA
F _c Frequenza portante		433.92		MHz
P _o Potenza di uscita RF	+5	+6	+10	dBm
Z _o Impedenza d'uscita RF		50		Ω
D _f Deviazione		±35		KHz
F _m Frequenza di modulazione			10	KHz
L _i Livello logico d'ingresso	0			V
T _{wu} Tempo di accensione	6			mS
T _{op} Temperatura di lavoro	-20			°C

Part Number / Model

650200651
mod. TX-4MAVPF10