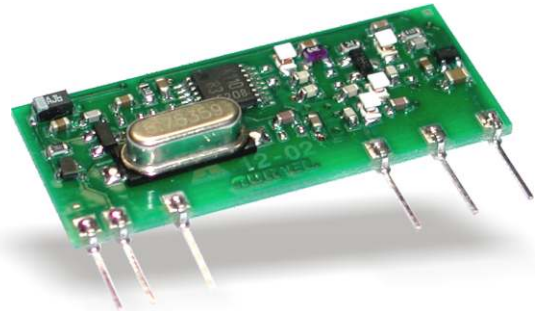


914.5 Mhz FSK Transmitter with dedicated antenna



Description

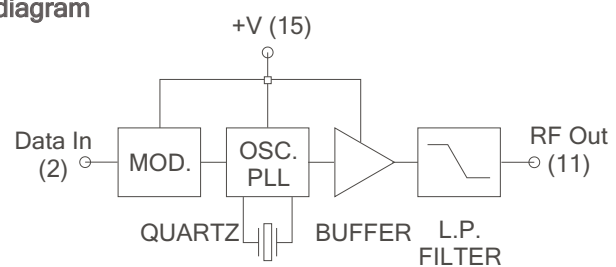
PLL FM transmitter (2FSK) with dedicated antenna ideal for application when you need to modulate ON-OFF a RF carrier with digital signals. Pin to pin compatible with all OOK AUREL transmitters. Null consumption without modulation signal. It is usable in conjunction with receiver mod. **RX-9M50FM70SF**

Not usable in U.E. Countries

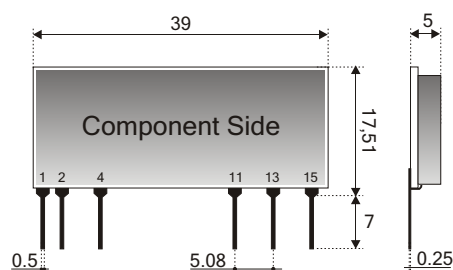
Applications

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) Ground
- 13) RF Output
- 15) +V

914.5 Mhz FSK Transmitter

with dedicated antenna

Technical Specification

Ta = 25 °C

Characteristics	Min	Typ	Max	Unit
V _s Supply Voltage	4.75	5	5.25	Vdc
I _s Supply Current		19		mA
F _c Carrier frequency		914.5		MHz
P _o RF Output power		0		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 _{on} 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	4.75	5	5.25	Vdc
I _s Corrente assorbita		19		mA
F _c Frequenza portante		914.5		MHz
P _o Potenza di uscita RF		0		dBm
Z _o Impedenza d'uscita RF		50		Ω
D _f Deviazione		±35		KHz
F _M Frequenza di modulazione			3	KHz
L _i Livello logico d'ingresso	0		V _s	V
T _{on} Tempo di accensione		6		ms
T _{OP} Temperatura di lavoro	-20		+80	°C

Part Number / Model

650200697
mod. TX-9M50PF01

* Not usable in U.E. Countries
* Non usabile negli Stati dell'Unione Europea