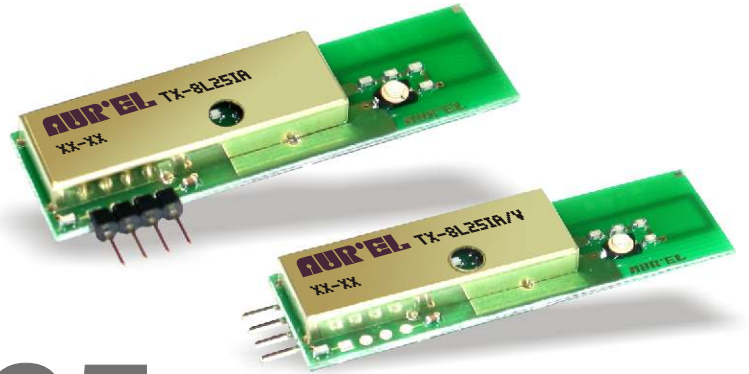


TX-8L25IA
TX-8L25IA/V



868.3 MHz AM (OOK) transmitters
with dedicated antenna

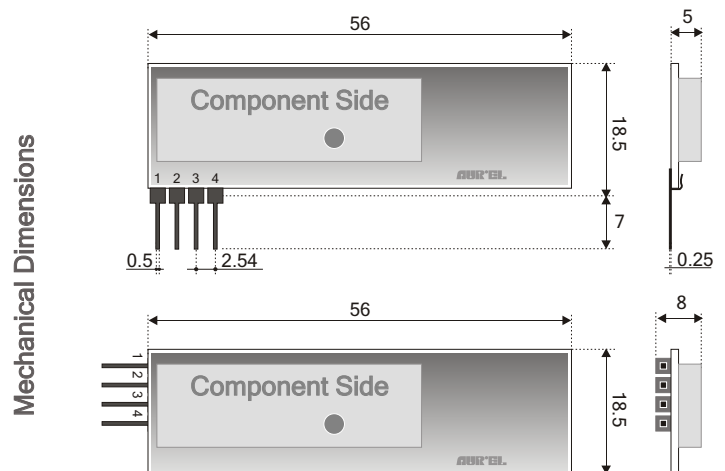
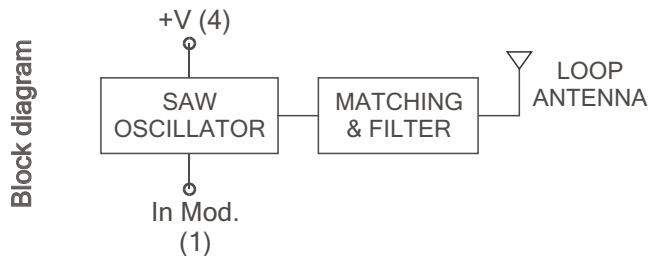


25_{mW} E.R.P.

Description

SAW transmitters module with dedicated loop antenna ideal for applications where it is required maximum irradiated power and minimal space occupation.

In compliance with European Normative



Pin-out

- 1) Input mod.
- 2) Ground
- 3) Ground
- 4) +V

AM OOK 868.30
code sending

Descrizione

Modulo trasmettitore SAW con antenna dedicata, ideale per applicazioni ove sia richiesta la massima potenza irradiabile e il minimo ingombro in termini di spazio occupato. Conforme alle Normative Europee.

868.3 MHz AM (OOK) transmitter with dedicated antenna

Technical Specification

Ta = 25 °C

Characteristics	Min	Typ	Max	Unit
V _s Supply Voltage	2.5	3	3.3	Vdc
I _s Supply Current (*)		25		mA
F _c Carrier frequency		868.3		MHz
P _o RF Output power (E.R.P.)		25		mW
E _s RF spurious emission		-50		dBm
F _m Square wave modulation			5	KHz
L _H High logic level	2.7		3.3	V
L _L Low logic level	0		0.2	V
T _{OP} Operating temperature range	-20		+80	°C

(*) Duty Cycle 50%

Specifiche Tecniche

Ta = 25 °C

Caratteristiche	Min	Tip	Max	Unit
V _s Alimentazione	2.5	3	3.3	Vdc
I _s Corrente assorbita (*)		25		mA
F _c Frequenza portante		868.3		MHz
P _o Potenza di uscita (E.R.P.)		25		mW
E _s Emissioni RF spurie		-50		dBm
F _m Frequenza di modulazione			5	KHz
L _H Livello logico alto (@Vs=3V)	2.7		3.3	V
L _L Livello logico basso (@Vs=3V)	0		0.2	V
T _{OP} Temperatura di lavoro	-20		+80	°C

(*) Duty Cycle 50%

Part Number / Model

P.N. 650200846 mod. TX-8L25IA
P.N. 650200847 mod. TX-8L25IA/V