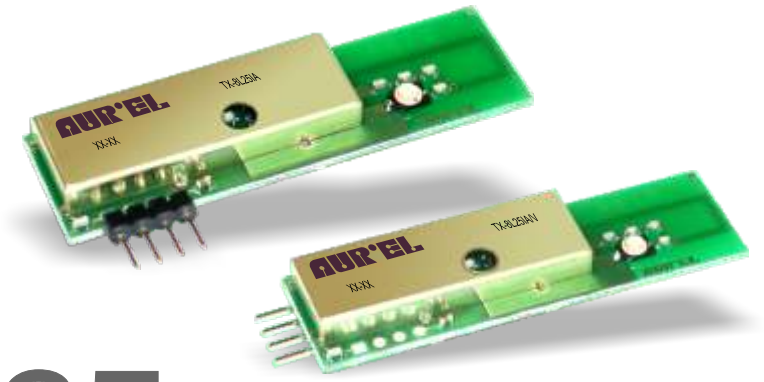
AM OOK 868.30
code sending

TX-8L25IA
TX-8L25IA/V

868.3 MHz AM (OOK) transmitters with dedicated antenna



25mW E.R.P.

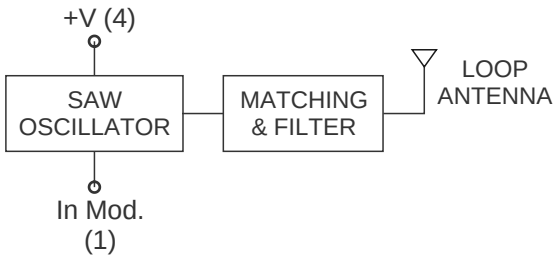
Description

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

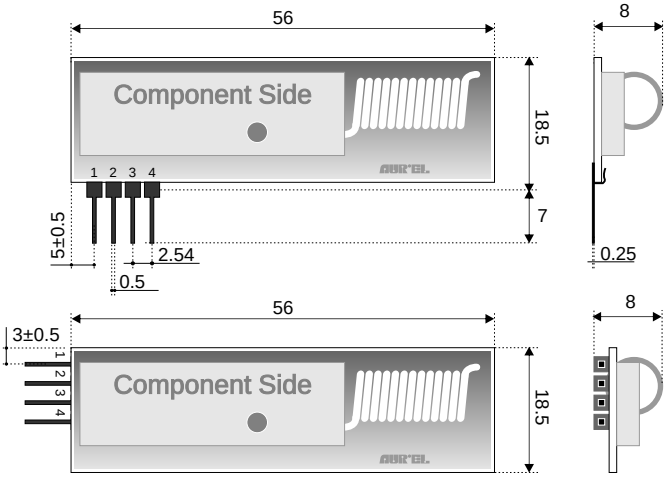
Descrizione

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.

Block diagram



Mechanical Dimensions



Pin-out

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

All dimensions are in millimeters

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Information subject to change without notice

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_I	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