

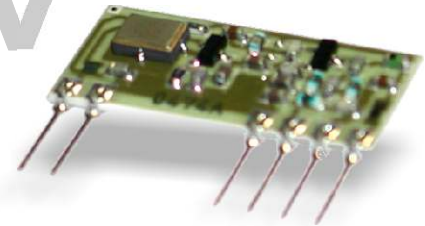
# AM OOK 433.92 code sending

## TX-SAW MID/3V



## High Performance Mini Transmitter

# 3V



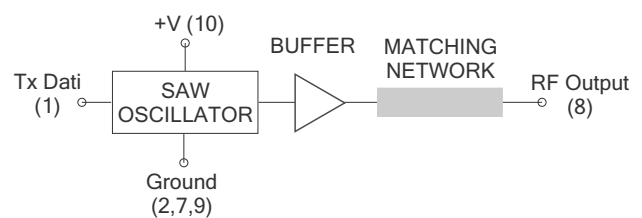
### Descrizione

AM OOK transmitter module with SAW resonator. Buffer stage for enhanced power and low harmonics on output allowing high immunity against disadjustments.

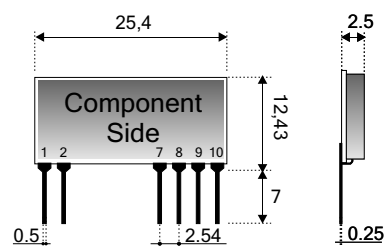
### Descrizione

Modulo trasmettitore AM OOK, quarzato mediante risonatore SAW. Stadio "buffer" che garantisce sia la potenza che basse armoniche in uscita, consentendo elevata immunità ai disadattamenti.

Block diagram



Mechanical Dimensions



### Pin-out

- 1 = Tx DATI
- 2 = GND
- 7 = GND
- 8 = Uscita RF (50.)
- 9 = GND
- 10 = Vcc

All dimensions are in millimeters

# 434 MHz AM OOK High performance mini Transmitter

## Technical Specification

Ta = 25 °C

| Characteristics                                 | Min    | Typ    | Max    | Unità |
|---|--------|--------|--------|-------|
| V <sub>S</sub> Supply Voltage                   | 1.8    | 3      | 3.5    | Vdc   |
| I <sub>S</sub> Supply Current with Modulation * | 2.4    | 5.5    | 7      | mA    |
| F <sub>W</sub> Carrier frequency                | 433.82 | 433.92 | 434.02 | MHz   |
| P <sub>O</sub> RF Output power                  | 3      | 10     | 11     | dBm   |
| S <sub>I</sub> Square wave modulation           |        | 5      | 10     | KHz   |
| E <sub>A</sub> RF spurious emission             |        |        | - 36   | dBm   |
| T <sub>OP</sub> Operating temperature range     | -20    |        | +80    | °C    |

\* Duty Cycle : 50%

## Specifiche Tecniche

Ta = 25 °C

| Caratteristiche                                    | Min    | Typ    | Max    | Unità |
|--|--------|--------|--------|-------|
| V <sub>S</sub> Alimentazione                       | 1.8    | 3      | 3.5    | Vdc   |
| I <sub>S</sub> Corrente Assorbita con Modulazione* | 2.4    | 5.5    | 7      | mA    |
| F <sub>W</sub> Frequenza di Trasmissione           | 433.82 | 433.92 | 434.02 | MHz   |
| P <sub>O</sub> Potenza RF                          | 3      | 10     | 11     | dBm   |
| S <sub>I</sub> Onda quadra in ingresso             |        | 5      | 10     | KHz   |
| E <sub>A</sub> Emissioni RF spurie in antenna      |        |        | - 36   | dBm   |
| T <sub>OP</sub> Temperatura di lavoro              | -20    |        | +80    | °C    |

\* Duty Cycle : 50%

### Part Number / Model

650200798  
mod. TX-SAW MID/3V

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