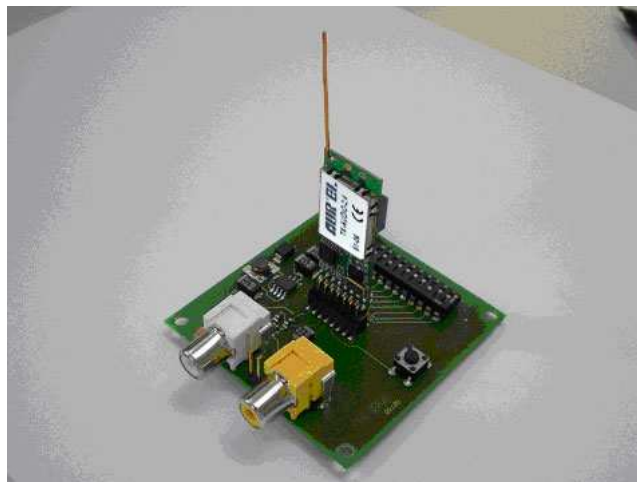


DEMO Board for TX AUDIO 2.4 (6502001062G)

Technical Information and Usage Instructions

Specification

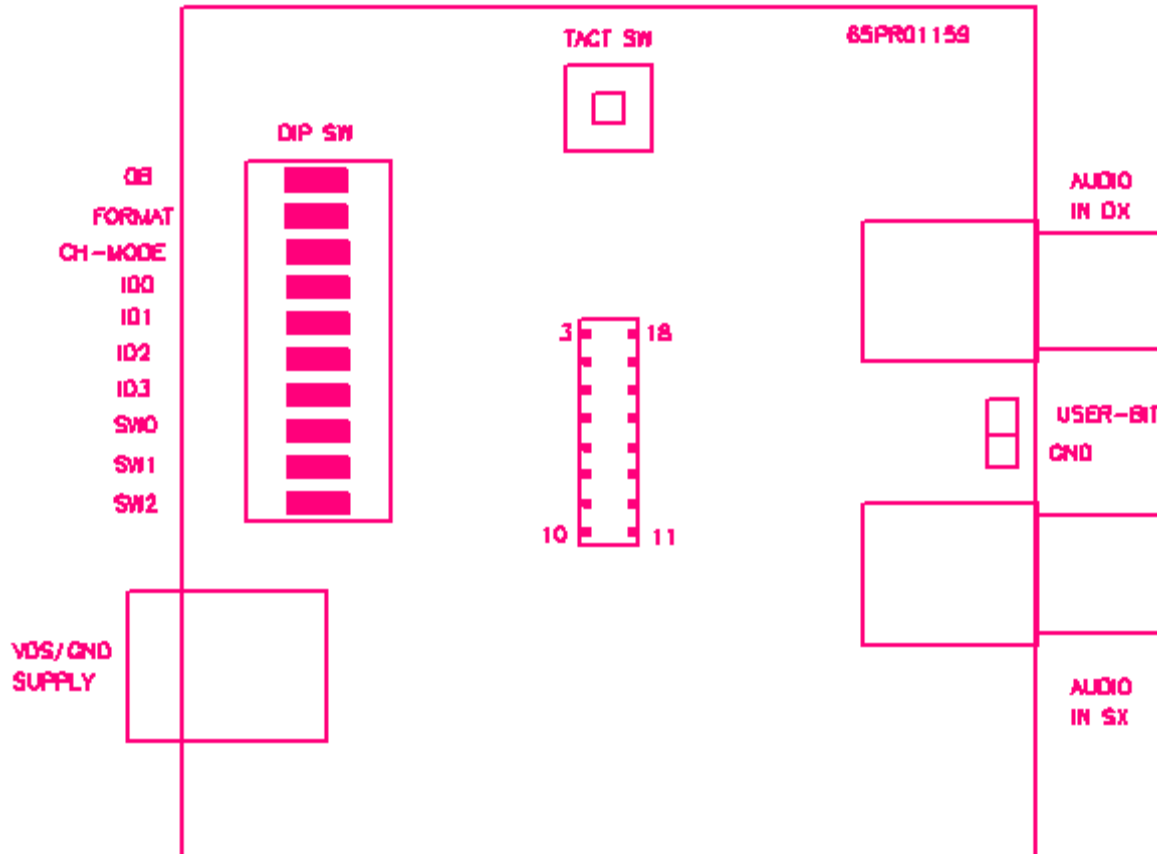
Model	Demo Board for TX-AUDIO-2.4/AE
Supply voltage	7 ÷ 12 Vdc
Current consumption	100 mA (typ)
Operating temperature	-10 ÷ +60 C



Board dimensions: 72 x 60 x 16 mm (no Mod. Inst.)

Le caratteristiche tecniche possono subire variazioni senza preavviso. La AUREL S.p.A non si assume la responsabilità di danni causati dall'uso improprio del dispositivo.
Technical features are subject to change without notice. AUREL S.p.A. does not assume responsibilities for any damages caused by the device's misuse.

Board Lay-out:



Le caratteristiche tecniche possono subire variazioni senza preavviso. La AUREL S.p.A non si assume la responsabilità di danni causati dall'uso improprio del dispositivo.
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Description of Board identified items:

Name	Description
AUDIO IN_Dx	Audio right channel input RCA plug.
AUDIO IN_Sx	Audio left channel input RCA plug.
Vdc/GND Supply	Supply Voltage plug – 7 to 12 Volts DC – Positive central contact
TACT_SW	Push button to change channel, connected to TACT_SW module pin
USER_BIT	Pin to inject user serialized data (max 5Kbps), connected to USER_BIT module line
DIP SW	10 position dip switch bank – Each switch connected to same name module line - When closed, related line is forced to GND

See 650201062G TX-AUDIO-2.4/AE Data Sheet and User manual for more information.

Usage instructions

The Demo Board accepts AUREL TX AUDIO 2.4/AE (650201062G) module.

Module should be inserted taking care of orientation: module label should be facing the white/yellow Audio RCA connectors.

Proper voltage (7 to 12 Vdc) should be applied at Vdc/GND plug (Positive at internal contact, negative to external contact).

Connect a stereo audio source to AUDIO IN_Dx and AUDIO IN_Sx DIN connectors (Source at 10 Kohm, 2Vpp max).

Act on TACT_SW and on DIP SW sections according to channel selection, identification, scrambling needs.

At USER_BIT pin, serialized data steam (max. 5Kbps) can be delivered for transmission to corresponding USER_BIT pin at Receiver(s), with no interference on digitalized audio.

Data examples:

- a) remote control encoded command,
- b) title of musical composition being transmitted, etc...

See TX AUDIO 2.4/AE 650201062G Datasheet and User Manual for further information.