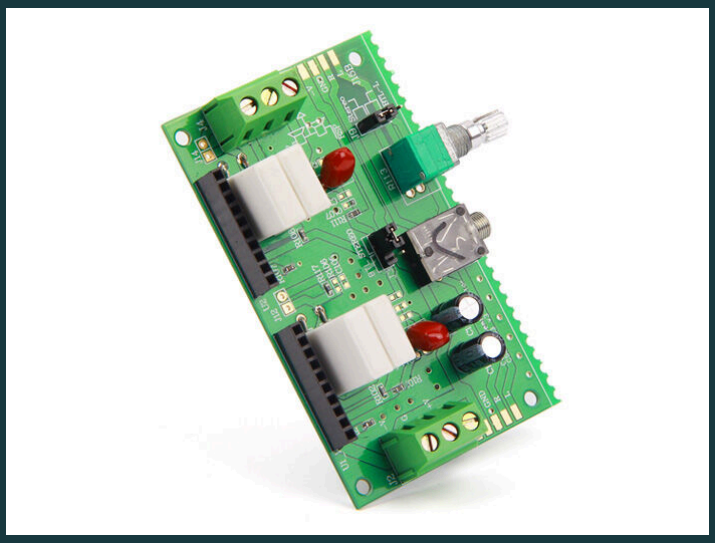
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INDUSTRIAL PRODUCT DATASHEET

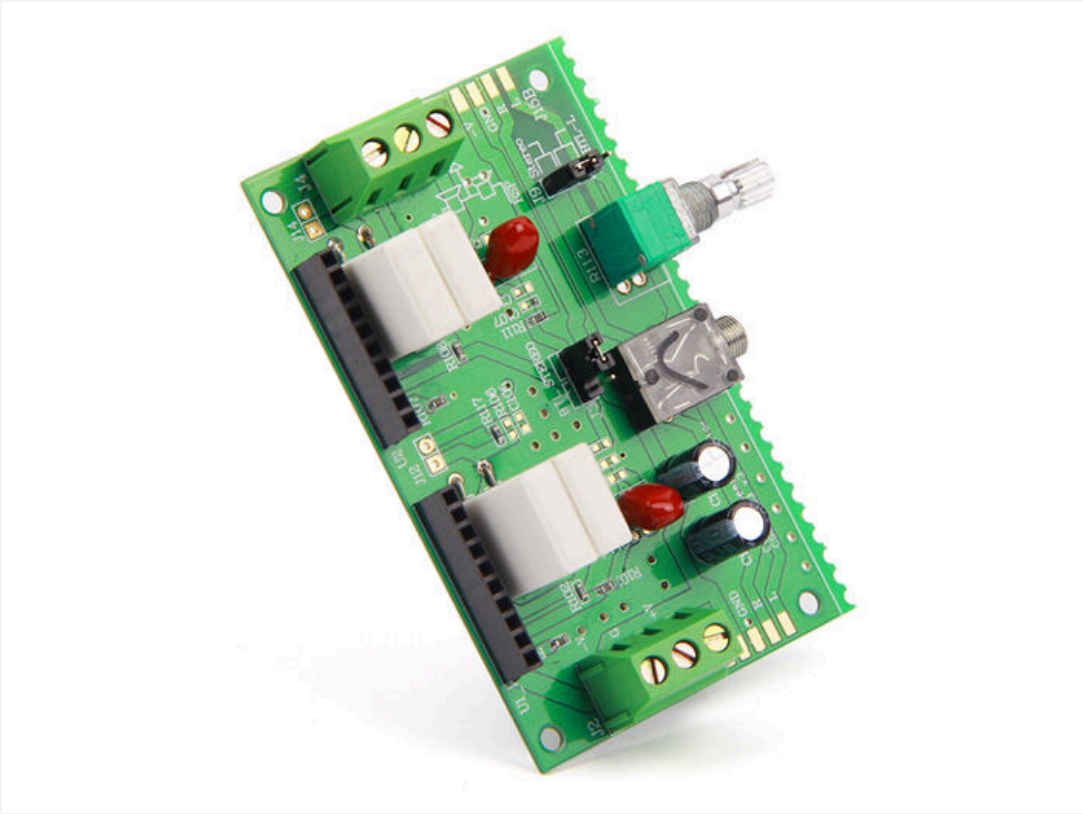
Current Assisted Class A Linear Amplifier (CSEVB6101R3)

The CSEVB6101R3 is a compact, efficient stereo amplifier module delivering 2x10W/4Ω with Arduino-compatible control, ideal for HiFi audio applications.

SKU	UPDATED	PRICE
107990012	2025-07-30 07:08:45	$31.00(Excl. VAT)



Overview



The Current Assisted Class A Linear Amplifier (CSEVB6101R3) is a stereo efficient digital amplifier power stage capable of delivering 2x10WRMS into 4Ω loads without an external heatsink. It features standby and mute functions for Arduino control, operates from ±2.5V to ±11V supplies, and includes a 3.5mm audio jack and screw connectors for speakers and power.

Key Features

The amp is stereo efficient, digital amplifier power stage for driving speakers up to 2x10W/4Ω. The high efficiency of the amp allows it to do 2x10W/4Ω without external heat sink. This module has standby and mute function, so Arduino can control it how and when it works.

Features:

Supply Voltage	±2.5 ~ ±11 V
Audio In	±0.52V (max.)@±10V
Stereo Output Power	10WRMS per channel @ ±10V, 4 Ω (for CS6A4983)

Specification:

Connections

- 3.5mm audio jack
- Speakers screw wire connector
- Power supply screw wire connector

Applications

- Hifi Audio Power Amplifier

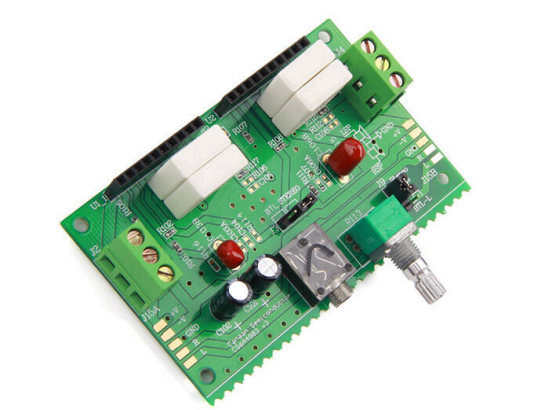
Part List:

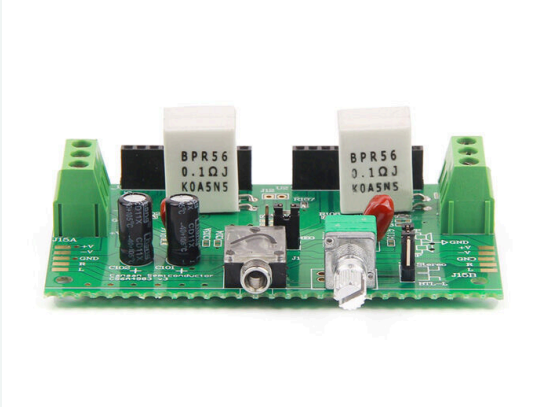
1 x Current Assisted Class A Linear Amplifier
2 x chip
2 x heat sink

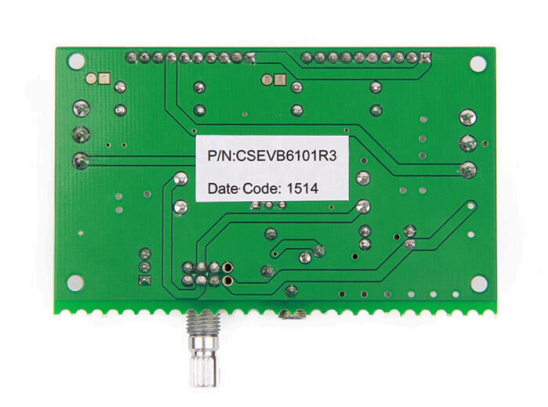
Data sheet

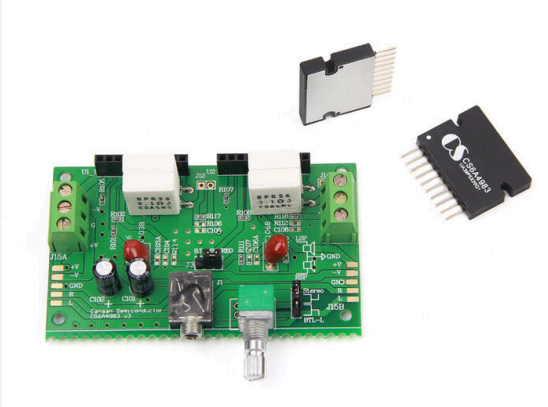
Technical support：support@canaan-semi.com

Product Gallery









Compliance & Logistics

HSCODE	8518900090
UPC	841454110569
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Current-Assisted-Class-A-Linear-Amplifier-CSEVB6101R-p-2447.html

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