

Relay Attenuator

Innovative relay attenuator with IR remote, UART control and display options

SOFTWARE RELEASE 3.6

Features

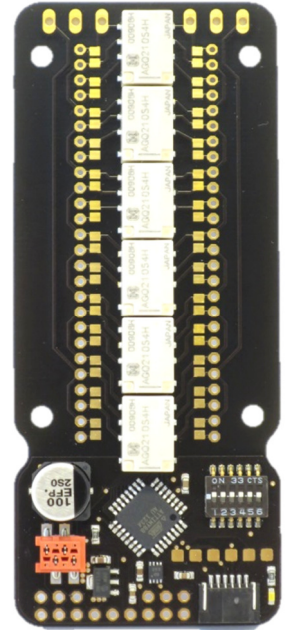
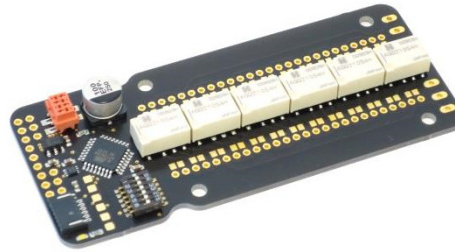
- Ladder type, 6-stage stereo attenuator with constant input impedance
- Selectable between 33 and 64 attenuation positions
- Populated with SMT resistors or THT resistors populated by customer
- Encoder or motorized potentiometer control, with IR remote input
- UART control option with selectable node address
- Optional display module

Possible Customization

- Resistor values and tapers
- IR protocol, function and cabling

Applications

- Mixing desks and studio consoles
- High-end home and theater audio

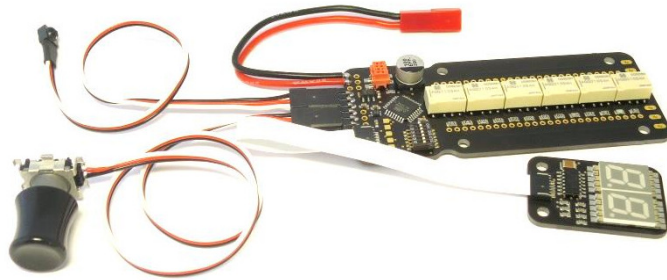


RoHS (2011/65/EU)

Relay Attenuator (w/o resistors)

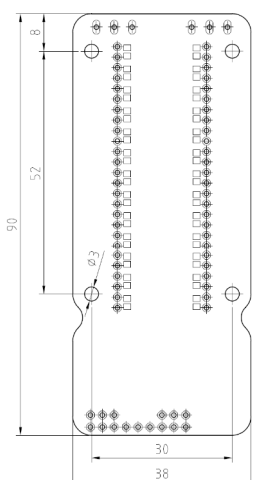
Description

The Relay Attenuator is an extremely versatile ladder type, 6-stage stereo attenuator with constant input impedance featuring 33 (with infinite) or 64 (w/o infinite) attenuation positions. The tiny module can be locally operated by encoder or motorized potentiometer and IR remote option, while also providing direct UART control (local mode). It can also be UART bus controlled by a host system (host mode) for distributed multi-module operation, featuring 16 selectable node addresses. The attenuator comes with either pre-populated SMT resistors or it can be populated by the customer using THT resistors. The on-board DIP switch is used to configure various functions in the local mode or to select the node address in the host mode. For position indication, especially when operated by an encoder, a display module is also available.

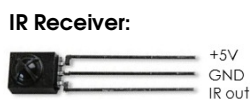
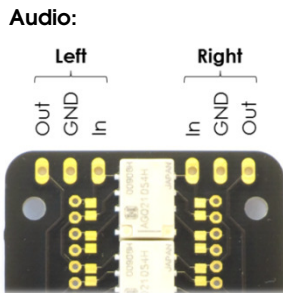


Relay Attenuator system (featuring power cable, IR receiver, encoder with knob, display module and IR remote unit)

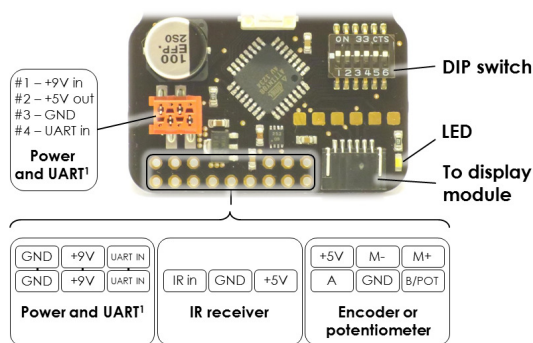
Dimensions (mm)



Connection Diagrams



Power and Control:



¹Available via soldering eyelets or micro match connector.

Controls:

