



DEV-AS3910-V1

13.56 MHz RFID reader

(Universal HF RFID Reader)

Key Features

- Supply voltage 5V
- Protocols : ISO 14443A/B and HF EPC, support ISO 15693
- High output power 200 mW
- Integrated Antenna Tuner and Manager
- Reader to reader anti-collision
- TTL serial interface
- Temperature range -40 °C to 85 °C

Description

The DEV-AS3910-V1 is HF RFID reader demo board use powerful integrated HF reader IC AS3910 of Austriamicrosystems. The built-in programming options make it suitable for wide range of applications both in proximity and vicinity RFID systems.

An integrated antenna manager enables a PCB antenna to be tunes, with internal capacitors, to optimize the tuning. In addition, this feature enables an inexpensive, but very reliable, manufacturing of readers with PCB antennas.

The reader configuration is achieved by selecting the desired protocol in the control registers. The direct access to all control registers also allows fine-tuning of different reader parameters if needed.

Applications

* 13.56 MHz RFID systems

- Proximity systems
- Security & Access control
- Food court , Canteen
- Consumable Product Authentication
- Library
- Hotel door lock , Club locker

Dimensions

40 mm x 40 mm x 1.20 mm

Total Height

8 mm (approx.)



Top side