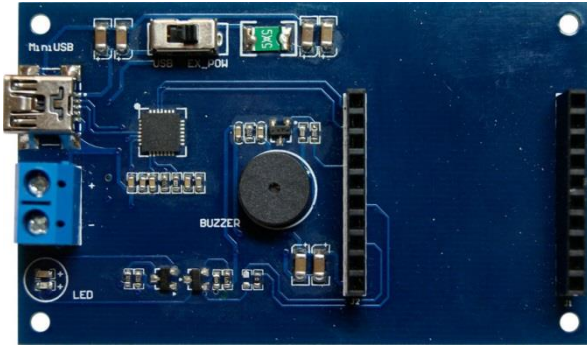
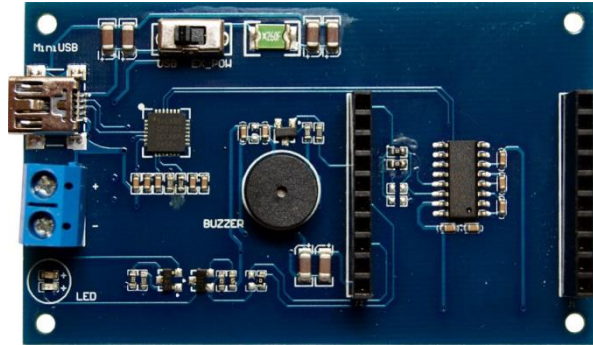


1 Installation

1.1 Identification of Adapter Type

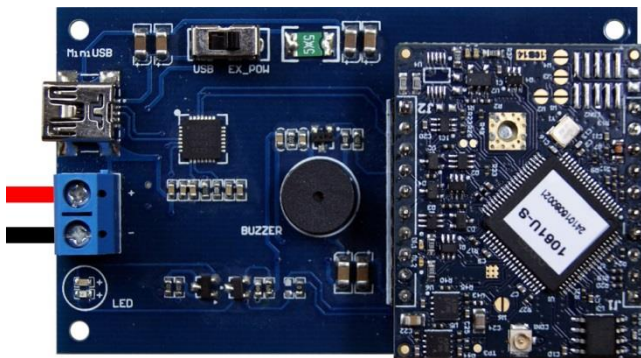


OEM-UHF-AC14 (TTL) for embedded modules OEM-UHF-M800-TTL, OEM-UHF-M900-TTL, and OEM-UHF-M950-TTL



OEM-UHF-AC15 (RS232) for embedded modules OEM-UHF-M800-232, OEM-UHF-M900-232, and OEM-UHF-M950-232

1.2 External Power Supply



Supplying the adaptor with +5 Vdc.

Module Type	Idle	Full TX Power	Peak Current
M800	115 mA	330 mA @ +20 dBm	–
M900	115 mA	705 mA @ +27 dBm	–
M950	115 mA	1330 mA @ +30 dBm	2 A

Only the OEM-UHF-M800 can be operated on USB supply with full power. The other modules can only operate on USB power with reduced TX power. A suitable power supply must be purchased separately (order code: OEM-UHF-AC13).

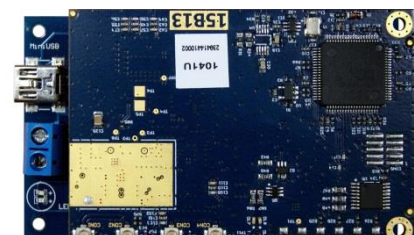
1.2.1 Installing the RFID Module



OEM-UHF-M800



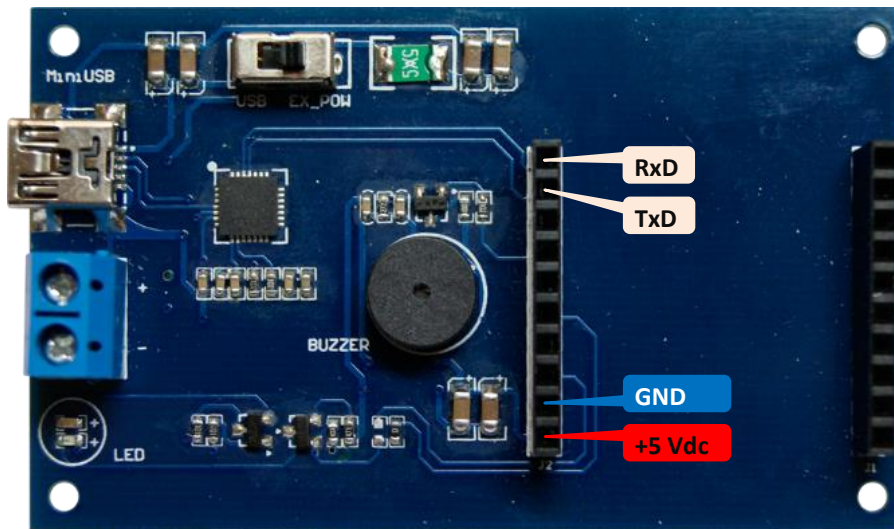
OEM-UHF-M900



OEM-UHF-M950

2 Usage for other Modules

The 4 pins for power supply and data transfer are compatible with other modules sharing the HID form factor:



3 Technical Data

Mechanical Specifications

Dimensions: 76 (77.5) × 45 × 16 mm (incl. USB connector)

Electrical Specifications

Power Supply: 5 Vdc, via USB or external (with M900 & M950)

Power Consumption: 40 mA + consumption of R FID module (up to 2 A peak current)

Interface: USB VCP (Silicon Labs 2102 family)

Baudrate: 9600...115200 bit/s

4 Scope of Delivery

These USB adapters are an add-on for development purposes to the embedded modules OEM-UHF-M800-TTL, OEM-UHF-M800-232, OEM-UHF-M900-TTL, OEM-UHF-M900-232, OEM-UHF-M950-TTL, and OEM-UHF-M950-232. They are sold separately from the modules.

A suitable power supply must be purchased separately (order code: OEM-UHF-AC13).