Datasheet

Multiplex Hitag PCB

The PCB Multiplex Hitag is a modern and user-friendly RFID reader for easy integration into different applications.

The Multiplex Hitag series is designed as a desktop version and as an OEM board (PCB version) for easy integration into existing systems.

The Multiplex Hitag readers are available with the following interfaces: **USB, RS232, TLL**

In the USB variant, the Multiplex Hitag reader is available as **USB HID Keyboard Emulation**, **USB virtual COM Port**.

Highlights:
- ➤ Integrated antenna
- ➤ Read mode
- ➤ LED and Beeper on board
- ➤ Firmware Upgrade possible
- ➤ Also available as Desktop reader in a housing

Technical specifications	
Operating voltage	5V via USB 5V DC
Power consumption	<125 mA
Operating Frequency	125 kHz
Operating distances	up to 10 cm*
RF Antenna	Integrated
Status	2x LED 1x Beeper
Interface options:	USB HID (Keyboard emulation) USB virtual COM Port RS232 TTL

* Reading distance depends on tag and environmental conditions

Mechanical specifications	
Dimensions (Lx Bx H)	80 x 56 x 10 mm
Weight	26 g

Environmental conditions	
Operating temperature	- 20°C up to + 60°C
Storage temperature	- 20°C up to + 70°C
Humidity	up to 95%, non-condensing

Supported Standards	
Hitag 1	
Hitag 2	

Accessories (Optional)	
USB cable	ca. 2 m ca. 40 cm
RS232-/TTL cable	ca. 2 m