

radino UART-Bridge

The In-Circuit **radino** UART-Bridge is a serial UART to radio bridge. The **radino** UART-Bridge converts a serial UART Signal into a radio signal. Depending on the used **radino** module, different kinds of radio networks can be built up.

The **radino** UART-Bridge is compatible to all **radino** modules.



Features

- Arduino-compatible (Arduino Micro / Leonardo)
- UART pins on pin headers
- RP-SMA plug for antenna connection
- Dimensions: 46.0x19.5mm
- ISP connector on bottom side to program the **radino** module
- Reset button on bottom side

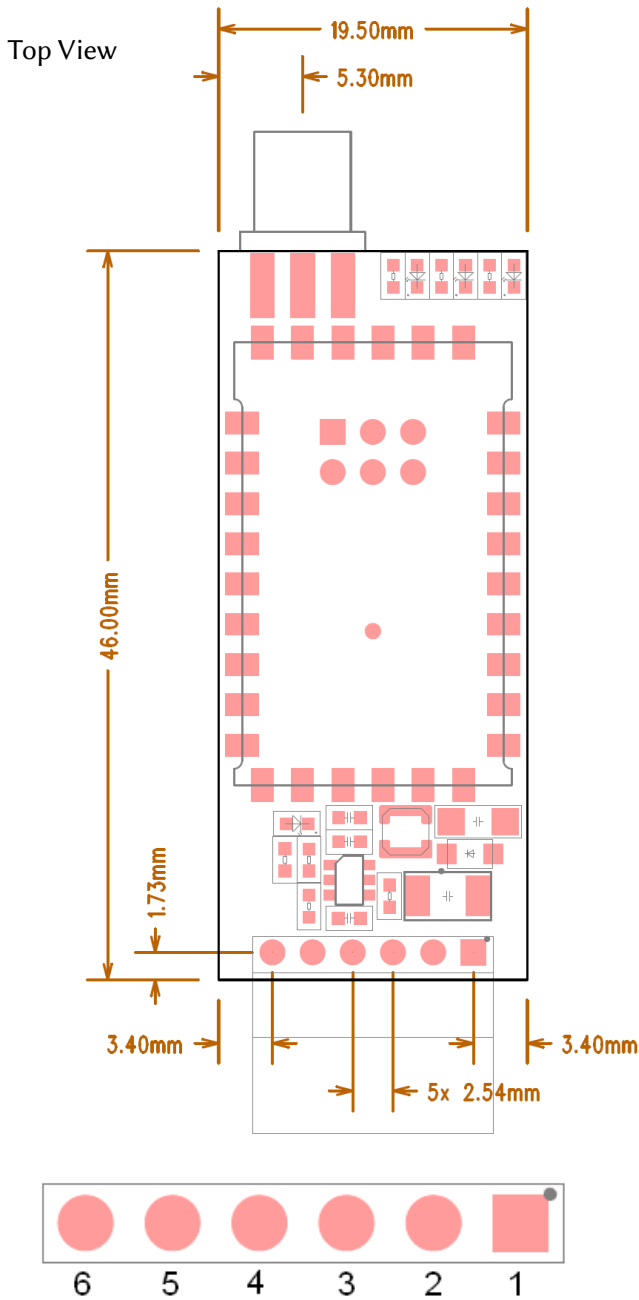
Applications

- Internet of Things (IoT)
- Mobile communications
- Digital home network
- Mobile accessories
- Data logging

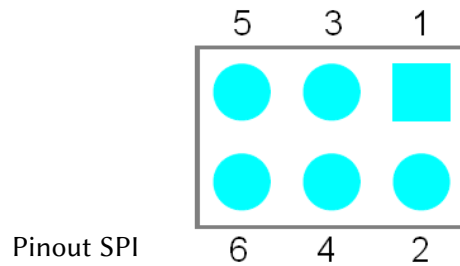
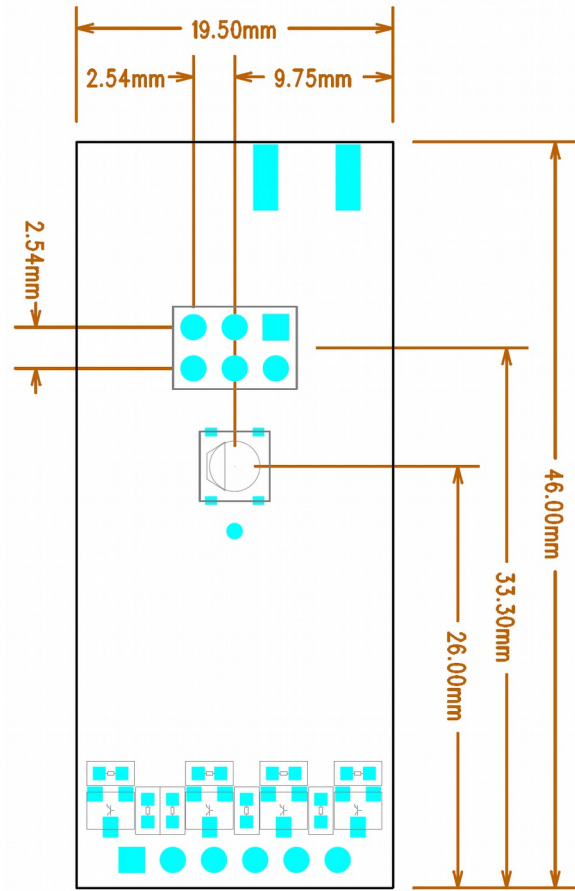
For more information visit:
<http://www.in-circuit.de/>
<http://www.radino.cc/>



Dimensions and Pinout



Bottom View



Pinout UART

Pin No.	Name	radino Pin No.	Description / Function
1	HWB	15	Hardware-Bootloader-Enable
2	VIO	-	IO-reference voltage
3	TX	13	UART-TX
4	RX	12	UART-RX
5	GND	-	Ground
6	$\overline{\text{RST}}$	10	$\overline{\text{Reset}}$

Pinout SPI

Pin No.	Name	radino Pin No.	Description / Function
1	MISO	3	SPI-MISO
2	VCC	14	Power supply
3	SCK	3	SPI-SCK
4	MOSI	1	SPI-MOSI
5	$\overline{\text{RST}}$	10	$\overline{\text{Reset}}$
6	GND	-	Ground