radino Leonardo

The In-Circuit radino Leonardo is a radino carrier board in an Arduino Leonardo form factor.

It provides a spring socket suitable for all radino modules.

The radino Leonardo includes level shifters to adapt the 3.3 V I/O-voltage of the radio modules to the external I/O-voltage. The reference for the level shifters is selectable.

Combined with any radino/radino 32 module it is full Arduino compatible.
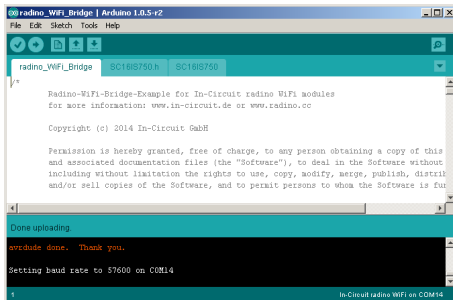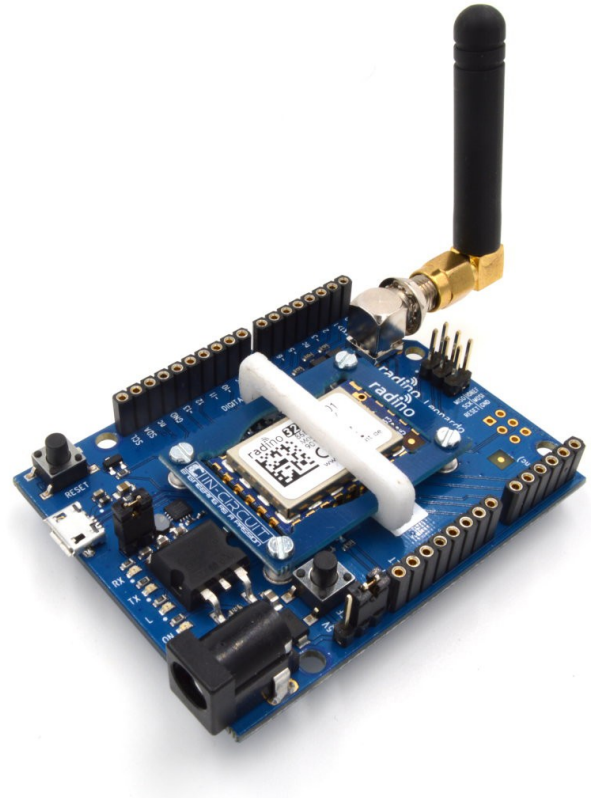
Features

- Arduino compatible with radino/radino 32 module
- USB connector for programming radino/ radino 32
- ICSP connector for programming radino
- SWD connector for programming radino 32 / radino SC
- 4x Socket connector with all radino module signals available
- Level shifters for all input and output signals
- User LED, RX/TX LEDs and Power LED
- Input voltage: 5 V DC (USB) or 8-24 V DC (power supply)
- Onboard 3.3 V regulator
- Temperature range from −10 ℃ to +70 ℃

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

Pinout
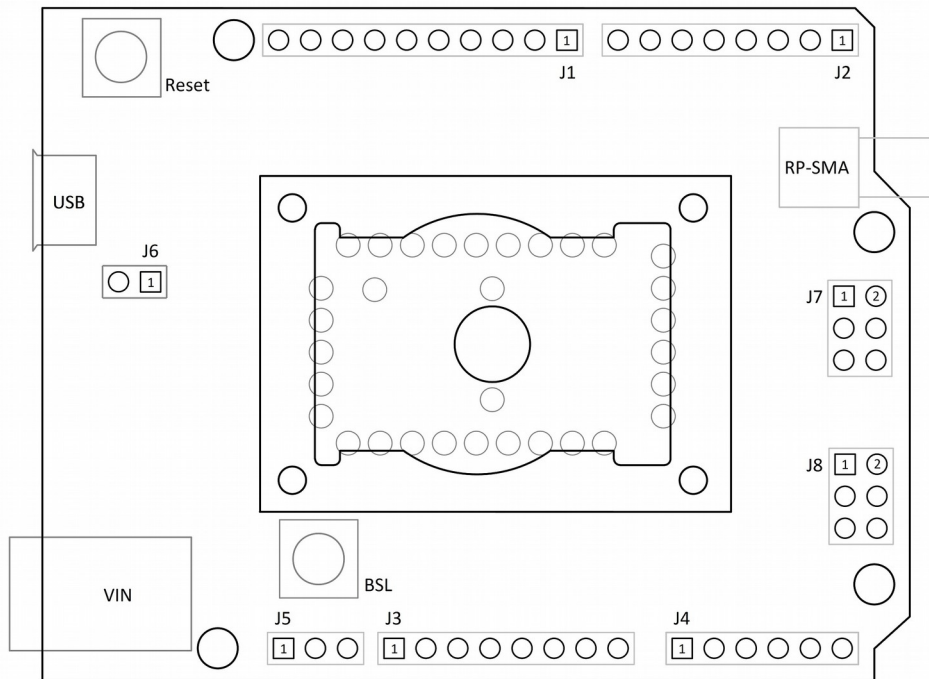
J1	Description
1	NC
2	NC
3	D10
4	D11
5	D12
6	D13
7	GND
8	NC
9	SDA
10	SCL

J2	Description
1	D0 (RX)
2	D1 (TX)
3	D2
4	D3
5	NC
6	D5
7	D6
8	NC

NC – not connected

J3	Description
1	NC
2	IOREF
3	RESET
4	3.3 V
5	5 V
6	GND
7	GND
8	VIN

J4	Description
1	A0
2	A1
3	A2
4	A3
5	NC
6	A5

J5	Description
1	5 V
2	IOREF
3	3.3 V

J6	Description
1	3.3 V (from LDO)
2	3.3 V

J7	Description
1	MISO
2	3.3 V
3	SCK
4	MOSI
5	Reset
6	GND

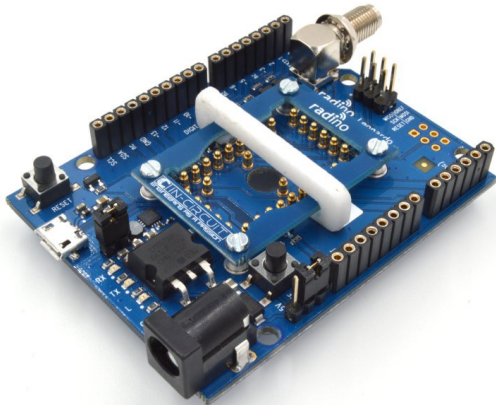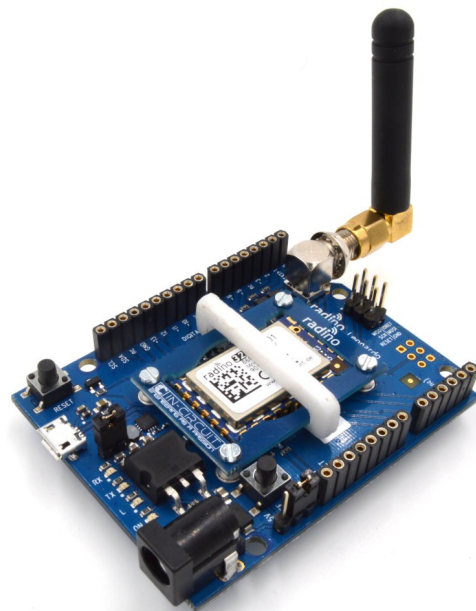| J8	Description
1	Reset
2	3.3 V
3	SWDIO
4	SWCLK
5	nc
6	GND

Gallery
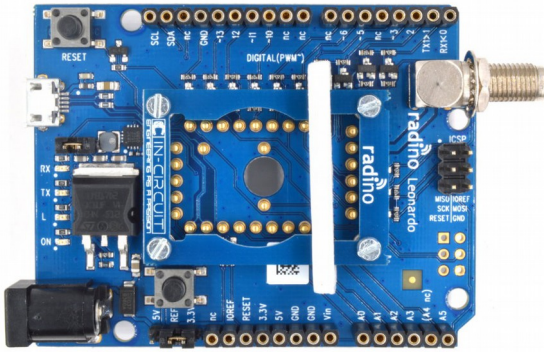
Top view
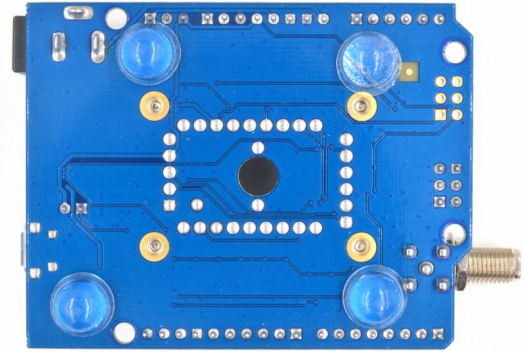
Bottom view

Empty radino Leonardo

radino Leonardo with
radino module and antenna

Ordering Information

Part	Ordering Code	MOQ	Package
radino Leonardo	901.319B	1	Single device in Box

All radino modules are available online: http://www.radino.cc/

RoHS / WEEE compliant

WEEE-Reg.-Nr. DE 17225017

Revision history:

Version	Date	Changes	Editor
A	2014/12/04	Initial Version	Schmidt
	2017/01/26	Major Update	Grünig