

## Serial\_port\_pinouts

[English](#) • [Deutsch](#) • [Español](#) • [Français](#) • [Italiano](#) • [???](#) • [Polski](#) • [Português](#) • [??????](#) • [Svenska](#) • [???\(????\)?](#) • [???\(??\)?](#) •

If you can not find the desired serial pinout here, search online, such as [OpenWRT TOH](#) or [LEDE](#) (if supported) and [WikiDevi](#). Note, for WikiDevi, it is best to just search for your router name + wiki in your favorite search engine. Also try searching forums here and at [OpenWRT/LEDE](#).

**Do NOT link to an external image.** To add photos or diagrams, please [upload them](#) to the wiki, then reference them here using the *Embedded image* button in Editing mode.

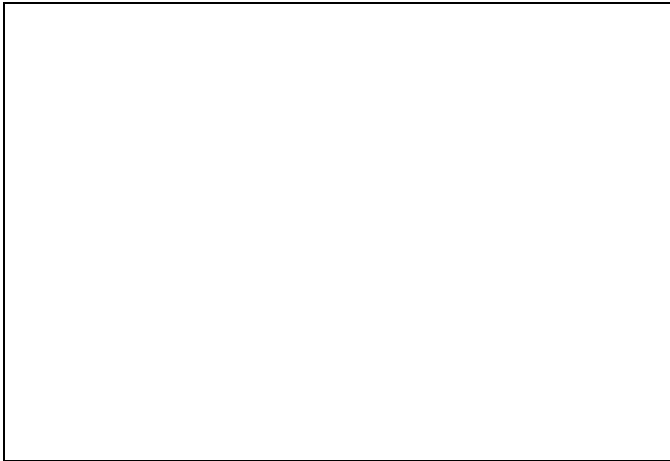
## Contents

- [1 Airlink AR430W](#)
- [2 Asus WL-500 Deluxe](#)
- [3 Belkin F7D8302/  
F7D4302](#)
- [4 Buffalo WBR2-G54\(S\)](#)
- [5 Buffalo WHR-G54S](#)
- [6 Buffalo WHR-HP-G54](#)
- [7 Buffalo WHR-G125](#)
- [8 Buffalo WLA2-G54C](#)
- [9 D-Link DIR-615 D3](#)
- [10 D-Link DIR-300 revB](#)
- [11 D-Link DIR-300 revB  
\(Chinese\)](#)
- [12 Dynex DX-NRUTER](#)
- [13 Linksys E1000v2 E2000](#)
- [14 Linksys WRT110](#)
- [15 Linksys WRT160NL](#)
- [16 Linksys WRT350N v2.0](#)
- [17 Linksys WRT54G\(S,L\)](#)
- [18 Motorola WR850G  
v2/v3](#)
- [19 Senao ECB9500 /  
ECB9750](#)
- [20 Sparklan WX6615GT](#)
- [21 TP-Link TL-WR941ND  
v3](#)
- [22 External Links](#)

**NOTE:** "-----" is nearest board edge

## Airlink AR430W

## Serial\_port\_pinouts



## Asus WL-500 Deluxe

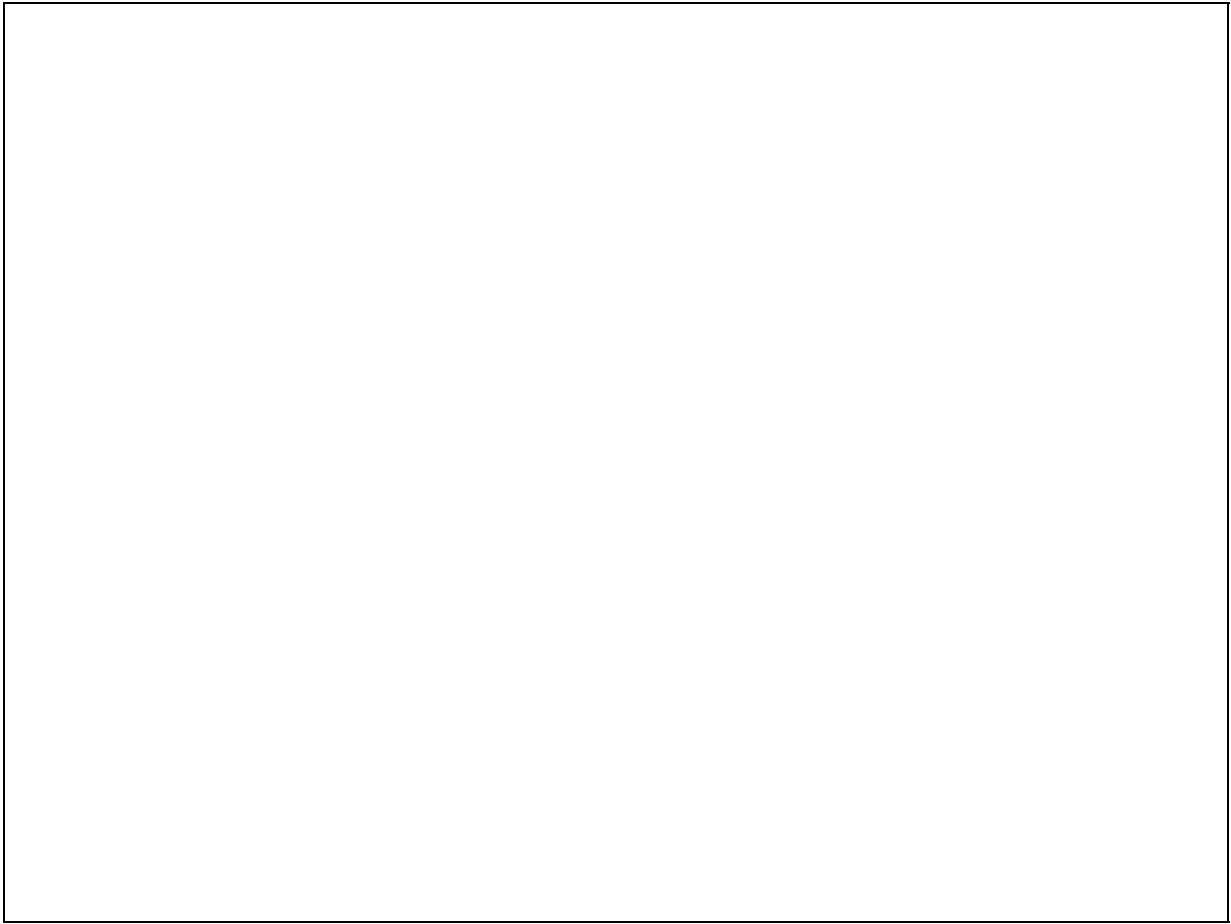
```
|           o o  
| gnd o o vcc  
| tx1 o o tx0  
| rx1 o o rx0  
|           J5
```



## Belkin F7D8302/ F7D4302

Reference [forum post](#)

Airlink AR430W



## Buffalo WBR2-G54(S)

-----  
J5  
o gnd  
o vcc  
o rx  
o tx

## Buffalo WHR-G54S

Connector RJP1

tx o o |  
o o vcc |  
o o gnd |  
rx o o |  
o |  
-----

## Serial\_port\_pinouts

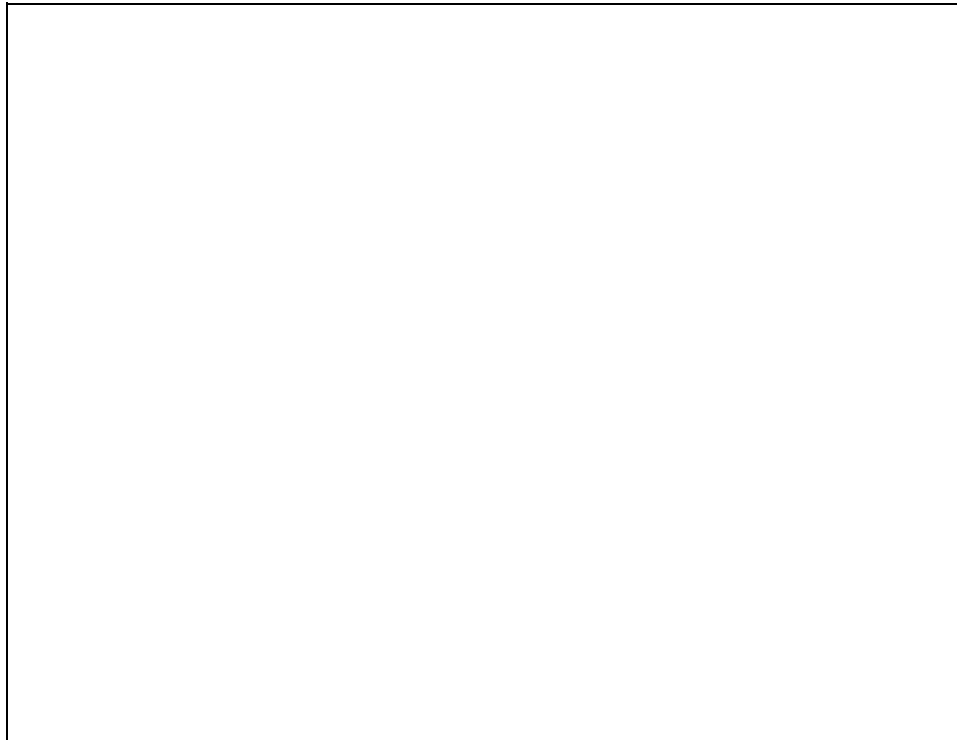
The serial port runs at 115200 baud, 8 bits, no parity, 1 stop bit using ANSI terminal emulation.

### Buffalo WHR-HP-G54

Connector J1

```
rx o |
tx o |
gnd o |
vcc o |
-----
```

The serial port runs at 115200 baud, 8 bits, no parity, 1 stop bit using ANSI terminal emulation. Levels are not RS232 voltage levels, but +3.3V TTL logic. Use level shifter (Max232/Max3232/DS275 etc.) to correct this. Also a USB to serial phone cable will work in most cases. A cable with a Prolific 2303 works fine to access the router as a device (Eg. to get a bootloader commandline). It does not work in host mode to control USB devices. The VCC pin puts out 3.3V.



### Buffalo WHR-G125

Connector J1

```
|
| rx o
```

Buffalo WHR-G54S

## Serial\_port\_pinouts

```
| tx o  
| gnd o  
| vcc o  
-----
```

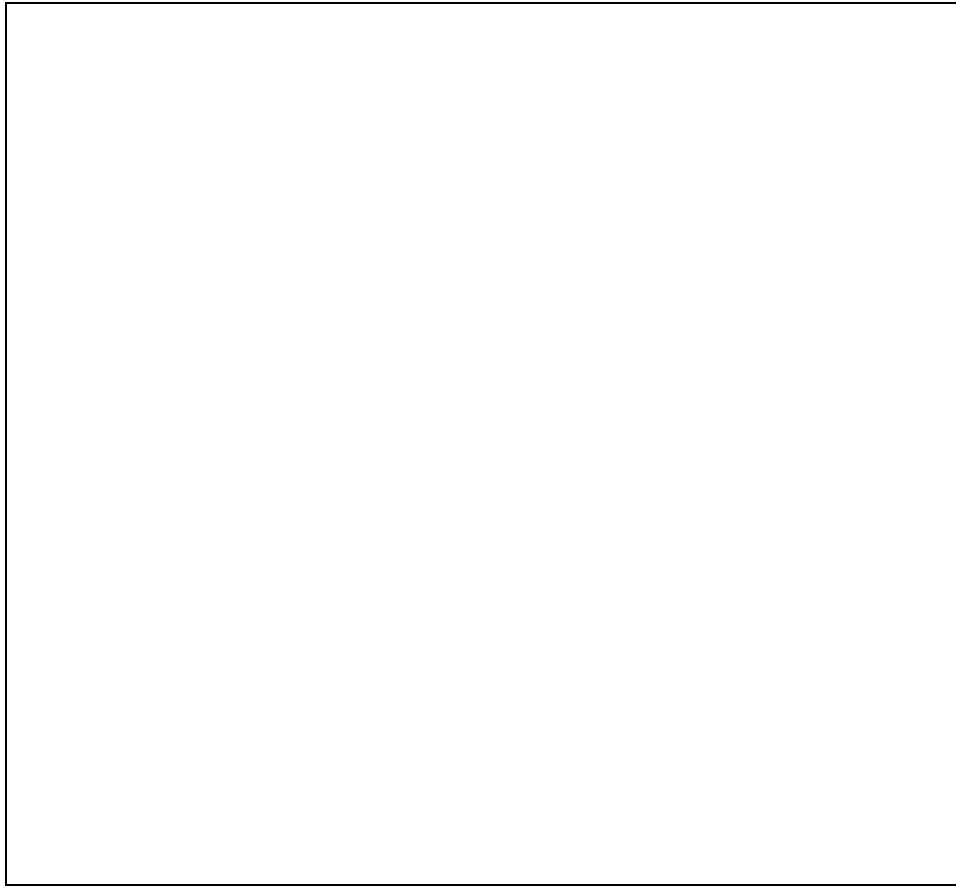
The serial port runs at 115200 baud, 8 bits, no parity, 1 stop bit using ANSI terminal emulation. Levels are not RS232 voltage levels, but +3.3V TTL logic. Use level shifter (Max232/Max3232/DS275 etc.) to correct this. Also a USB to serial phone cable will work in most cases. A cable with a Prolific 2303 works fine.

## Buffalo WLA2-G54C

```
| tx o o  
| o o vcc  
| o o gnd  
| rx o o  
| o  
-----
```

## D-Link DIR-615 D3

The serial port runs at 57600 baud, 8 bits. Voltage levels are +3.3V TTL logic, which means TX transmit at 3.3V and VCC is 3.3V. RX has a pull-up resistor. Port is /dev/tts1.



## D-Link DIR-300 revB

NOTE: RevB is completely different hardware, based on Ralink RT3050 SoC. The serial port runs at 57600 baud, 8 bits, no parity, 1 stop bit using ANSI terminal emulation. Levels are not RS232 voltage levels, but +3.3V TTL logic. Use an interface converter chip (Max232/Max3232/DS275 etc.) to connect to standard RS-232.

## D-Link DIR-300 revB (Chinese)

??:

RevB????????????????RT3050????????57600????n,8,1???3.3V?TTL????RS232????????(Max232/M

Serial\_port\_pinouts



etc.)????RS-232??

## **Dynex DX-NRUTER**



## **Linksys E1000v2 E2000**

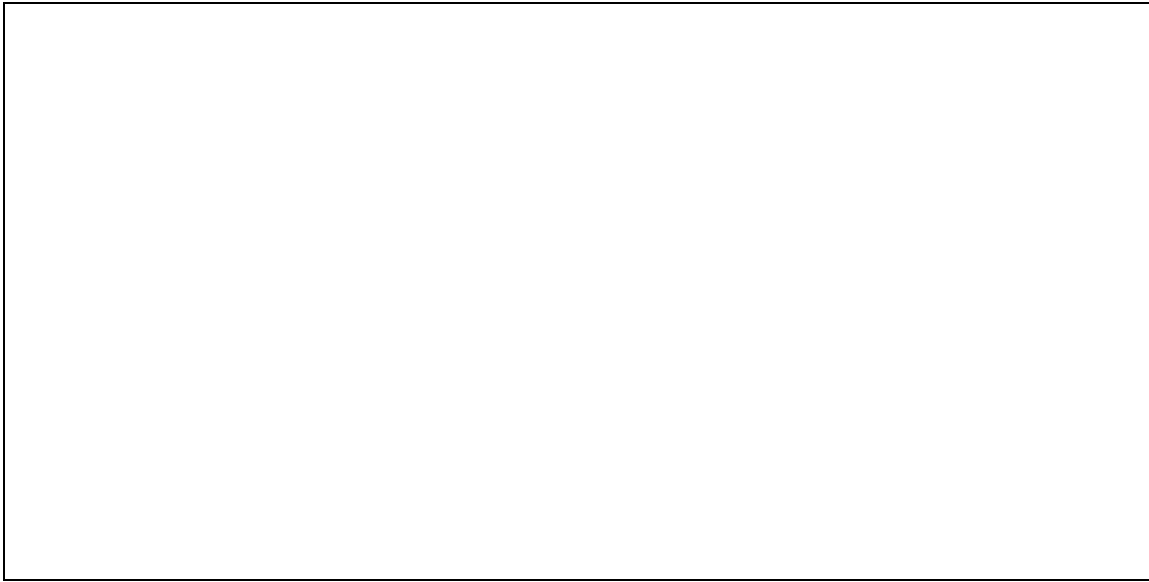


## Serial\_port\_pinouts

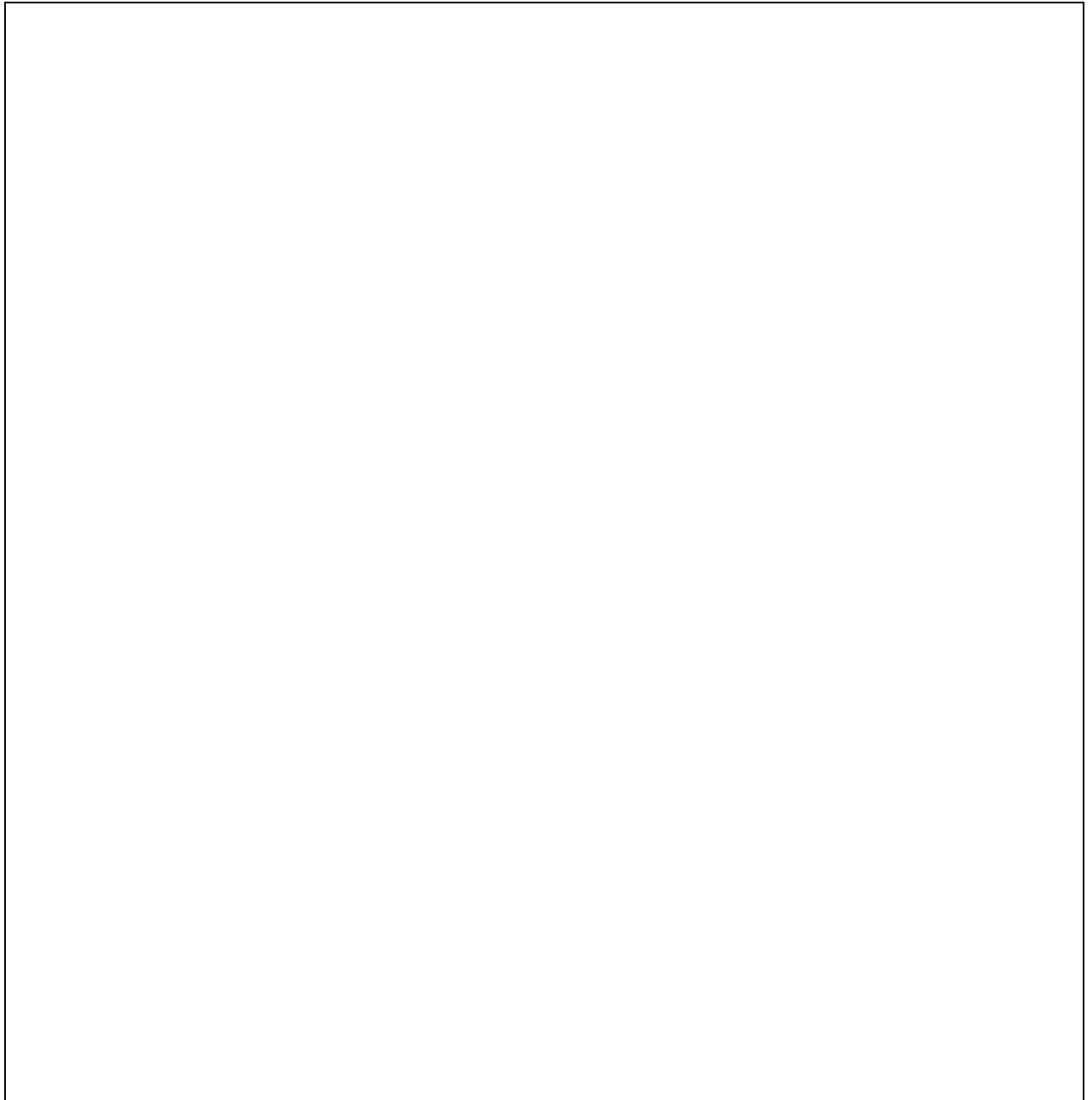
E2000 has the same pinout. Looking from the back of the router, the serial port is the 5 holes above the 2x6 JTAG port. Again, **looking from the back of the router: Vcc - Rx - Tx - ? - Gnd**

## Linksys WRT110

Serial\_port\_pinouts



**Linksys WRT160NL**



## Linksys WRT350N v2.0

J5

vcc o  
tx1 o  
rx1 o  
gnd o

## Linksys WRT54G(S,L)

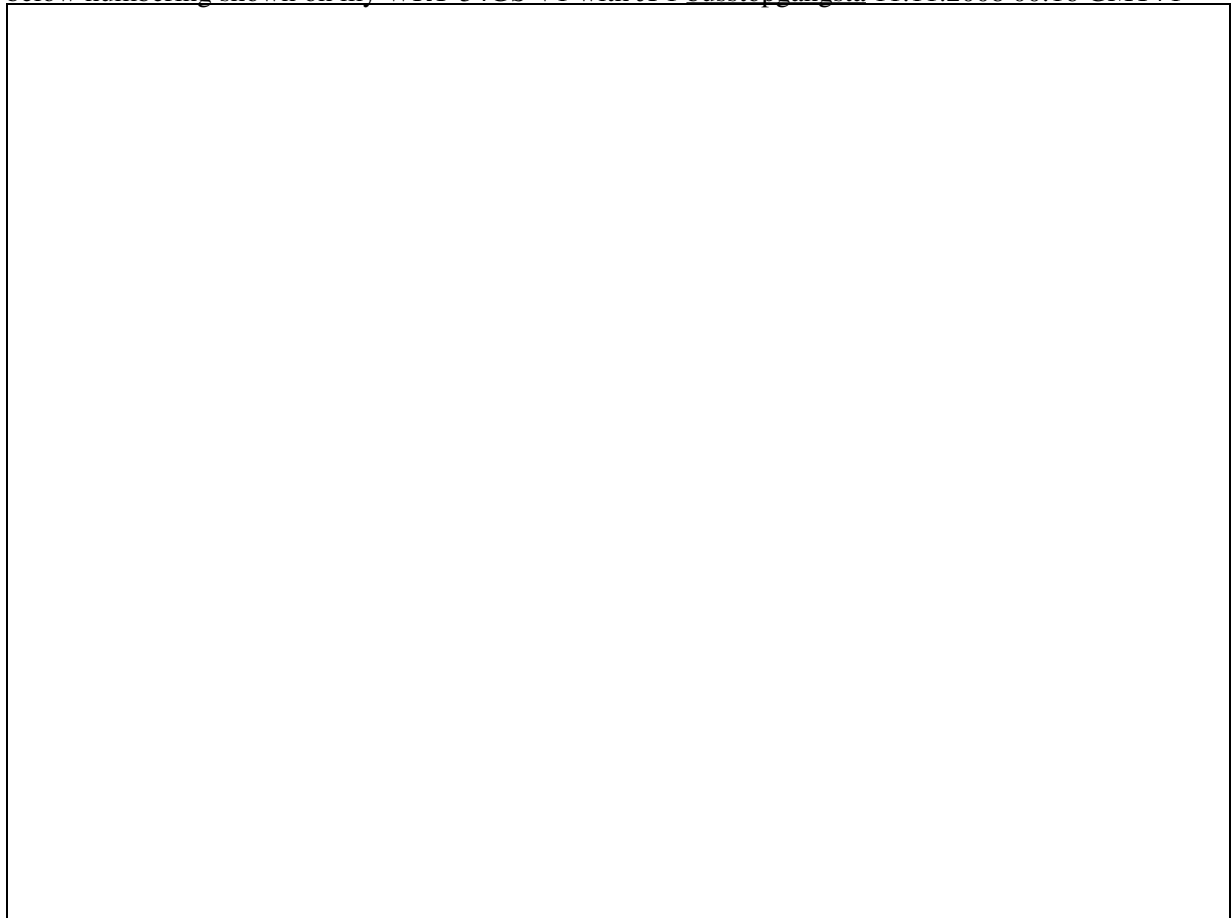
JP1 or JP2 (on newer models)

```
vcc 1-2 vcc |  
tx1 3-4 tx0 |  
rx1 5-6 rx0 |  
... 7-8 ... |  
gnd 9-10 gnd |
```

(numbering as shown on the PCB at JP2 in my WRT54GL v1.1, [Rockus](#) 10:42, 25 May 2008 (CEST))

---

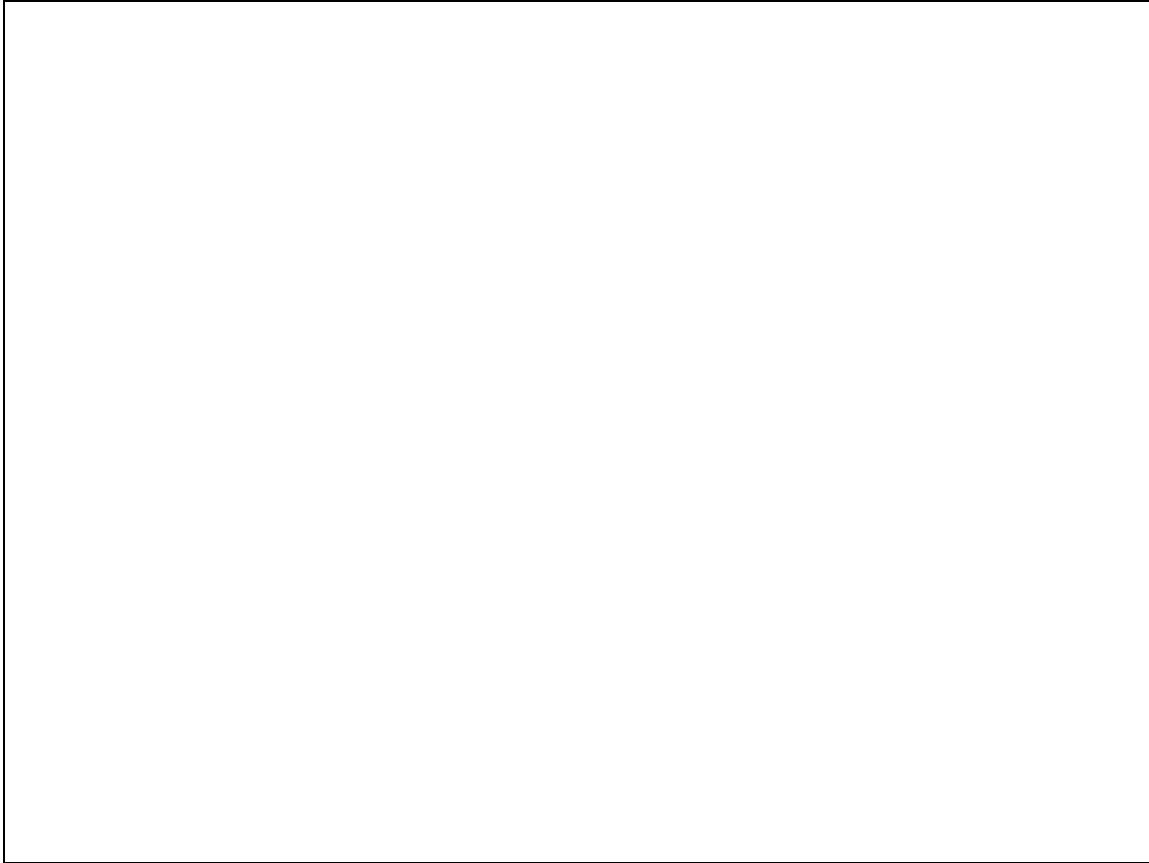
below numbering shown on my WRT-54GS V1 with JP1 busstopgangsta 11.11.2008 00:16 GMT+1



## Motorola WR850G v2/v3

```
| tx o o vcc RJP1  
| o o  
| o o gnd  
| rx o o  
| o
```

## Senao ECB9500 / ECB9750



## Sparklan WX6615GT

```
| ???o  
| gnd o o rx  
| gnd o o  
| vcc o o  
| vcc o o tx  
|           J5
```

## TP-Link TL-WR941ND v3

Connector P1 (see picture)

```
tx o |  
rx o |  
gnd o |  
vcc o |
```

Login: "ap71"

## Serial\_port\_pinouts

Optional login: "root" Password: "5up"

The serial port runs at 115200 baud, 8 bits, no parity, 1 stop bit using ANSI terminal emulation. Levels are not RS232 voltage levels, but +3.3V TTL logic. Use level shifter (Max232/Max3232/DS275 etc.) to correct this. Also a USB to serial phone cable will work in most cases. A cable with a Prolific 2303 works fine. You have to short R356, if not, the TX will work.



## External Links

- [Original source of this page on the DD-WRT forums](#)