

My notes about compilation and usage

`fa0x067b6d8 [0, 0]`

Contents: [Dobrica Pavlinu's random unstructured stuff]

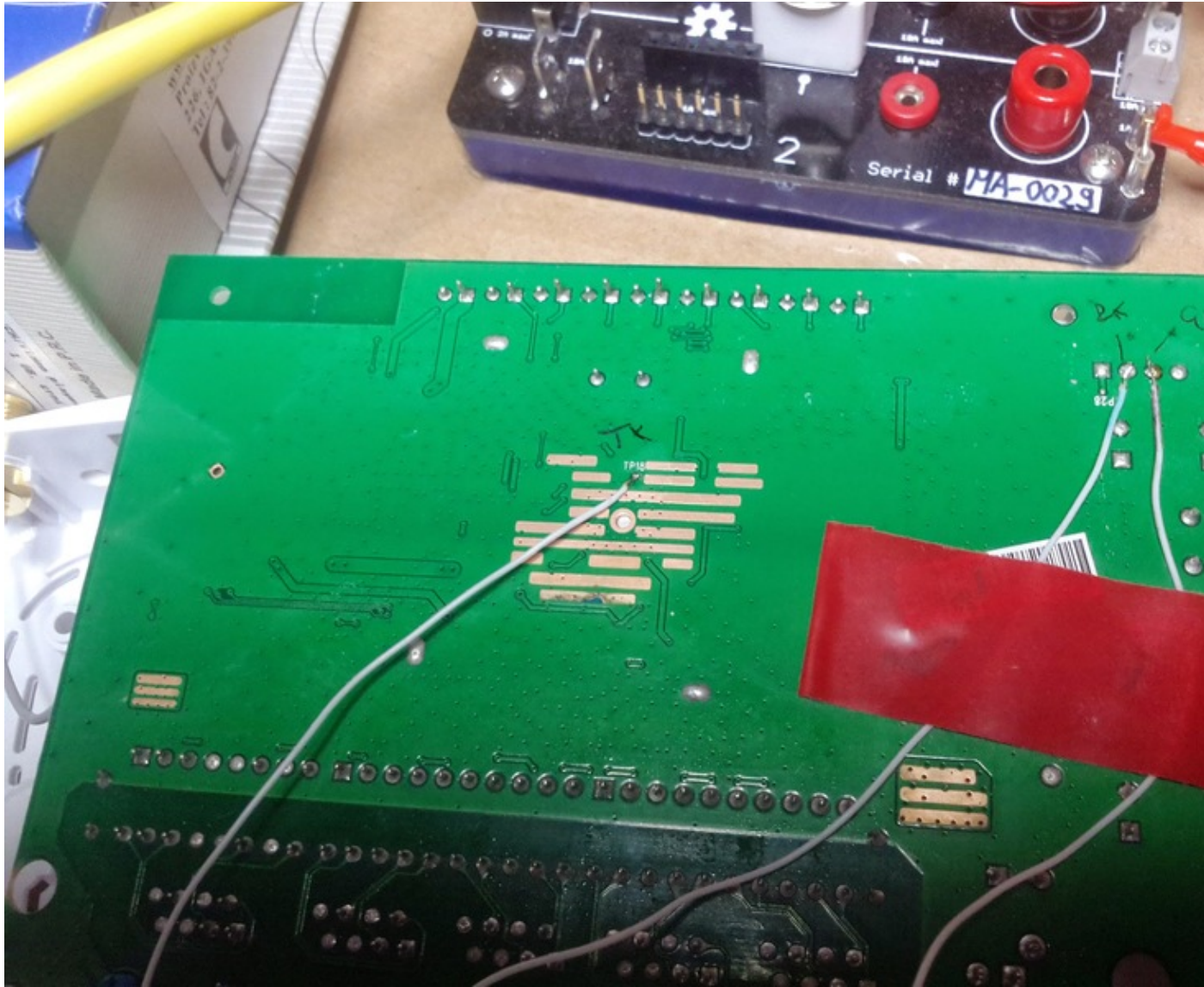
- [Dobrica Pavlinu's random unstructured stuff \(Checkout source\)](#)
- [Dobrica Pavlinu's random unstructured stuff \(TP-Link TL-WR741ND\)](#)
- [Dobrica Pavlinu's random unstructured stuff \(TP-Link TL-WDR4300\)](#)
- [Dobrica Pavlinu's random unstructured stuff \(SIEMENS Gigaset SX763\)](#)

Checkout source

```
dpavlin@blue:/bluez/openwrt$ git clone git://git.openwrt.org/openwrt.git
```

Random notes about router unbricking

TP-Link TL-WR741ND



<http://wiki.openwrt.org/toh/tp-link/tl-wr741nd>

for 4.24 download v4 image!

<https://downloads.openwrt.org/snapshots/trunk/ar71xx/openwrt-ar71xx-generic-tl-wr741nd-v4-squashfs-sysup>

tpl on "Autobooting in 1 seconds" prompt to get console.

```
ar7240> setenv ipaddr 10.0.0.100
ar7240> setenv serverip 10.0.0.1

ar7240> tftpboot 0x80000000 openwrt-ar71xx-generic-tl-wr741nd-v4-squashfs-sysupgrade.bin
dup 1 speed 1000
Using eth1 device
FTP from server 10.0.0.1; our IP address is 10.0.0.100
Filename 'openwrt-ar71xx-generic-tl-wr741nd-v2-squashfs-sysupgrade.bin'.
Load address: 0x80000000
Loading: #####
#####
#####
#####
#####
```

```

#####
#####
#####
#####
#####
#####
done
Bytes transferred = 3080196 (2f0004 hex)

ar7240> erase 0x9f020000 +2f0004

First 0x2 last 0x31 sector size 0x10000
 49
Erased 48 sectors

ar7240> cp.b 0x80000000 0x9f020000 0x2f0004
Copy to Flash... write addr: 9f020000
done

ar7240> bootm 0x9f020000

```

TP-Link TL-WDR4300

<http://wiki.openwrt.org/toh/tp-link/tl-wdr4300>

U-Boot 1.1.4 (Jun 17 2013 - 12:31:57)

U-boot DB120

```

DRAM: 128 MB
id read 0x100000ff
flash size 8MB, sector count = 128
Flash: 8 MB
Using default environment

```

```

PCIe Reset OK!!!!!!
In: serial
Out: serial
Err: serial
Net: ag934x_enet_initialize...
No valid address in Flash. Using fixed address
wasp reset mask:c03300
WASP ----> S17 PHY *
: cfg1 0x7 cfg2 0x7114
eth0: ba:be:fa:ce:08:41
athrs17_reg_init: complete
eth0 up
eth0
Autobooting in 1 seconds
db12x>
db12x>
db12x> setenv ipaddr 10.0.0.100
db12x> setenv serverip 10.0.0.1
db12x>
db12x> tftpboot
dup 1 speed 1000
*** Warning: no boot file name; using '6F01A8C0.img'
Using eth0 device
TFTP from server 192.168.1.100; our IP address is 192.168.1.111
Filename '6F01A8C0.img'.
Load address: 0x81000000

```

```
root@blue:/srv/tftp# ln -s openwrt-ar71xx-generic-tl-wdr4300-v1-squashfs-sysupgrade.bin 640000A.
```

```
db12x> tftpboot
*** Warning: no boot file name; using '640000A.img'
Using eth0 device
TFTP from server 10.0.0.1; our IP address is 10.0.0.100
Filename '640000A.img'.
Load address: 0x81000000
Loading: #####T #####
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
#####
```

```
done
Bytes transferred = 3014660 (2e0004 hex)
```

```
db12x> erase 0x9f020000 +2e0004

First 0x2 last 0x30 sector size 0x10000
48
Erased 47 sectors
```

```
db12x> cp.b 0x81000000 0x9f020000 0x2e0004
Copy to Flash... write addr: 9f020000
done
```

SIEMENS Gigaset SX763

<http://wiki.openwrt.org/toh/gigaset/sx76x>
<http://linux.jezgra.net/2013/02/sx763-hack/>

serial port enabled

```
ROM VER: 1.0.3
CFG 04
Read EEPROMX
X
UART
```

Now, openwrt wiki points to missing u-boot.asc but there is one on <https://code.google.com/p/sx76x-openwrt-danube/source/browse/trunk/u-boot.asc>

```
dpavlin@blue:/bluez/openwrt/sx76x$ wget https://code.google.com/p/sx76x-openwrt-danube/source/browse/trunk/u-boot.asc
```

```
dpavlin@blue:/bluez/openwrt/sx76x$ cat u-boot.asc > /dev/ttyUSB0
```