t=0x8dd9bc0 [0,0]
Contents: [Dobrica PavlinuÅ¡iÄ 's random unstructured stuff]

- Dobrica PavlinuÅ¡iÄ 's random unstructured stuff (Service manual)
- Dobrica PavlinuÅ¡iÄ 's random unstructured stuff (How to brick your phone)
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If you are not into hardware Android development is better page for you.

Service manual

HTC Dream SM (A04).pdf

How to brick your phone

- downgrade do RC29 to get root
- this will install 1.22 radio
- install AmonRA
- be inpatient and flash DangerSPL
- correct way would be to first flash Radio 2.22 (?)

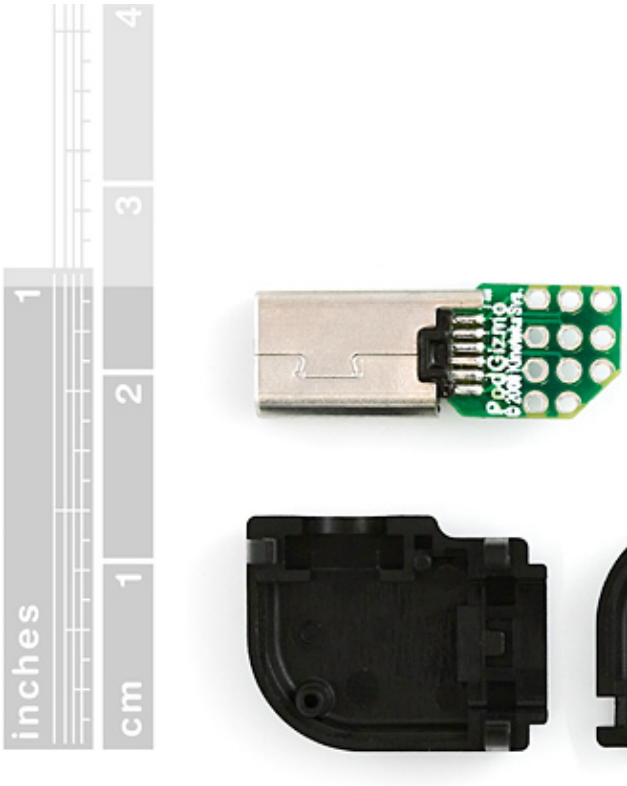
How to unbrick your phone

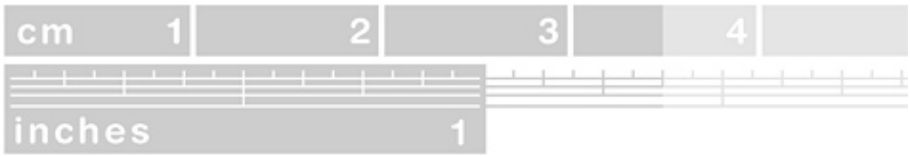
- http://cafe.mobil.hr/threads/68894-HTC-G1-Dream-JTAG-i-serijski-kabel-za-unbrick
- http://wiki.cyanogenmod.com/index.php?title=JTAG_for_Dream/Magic

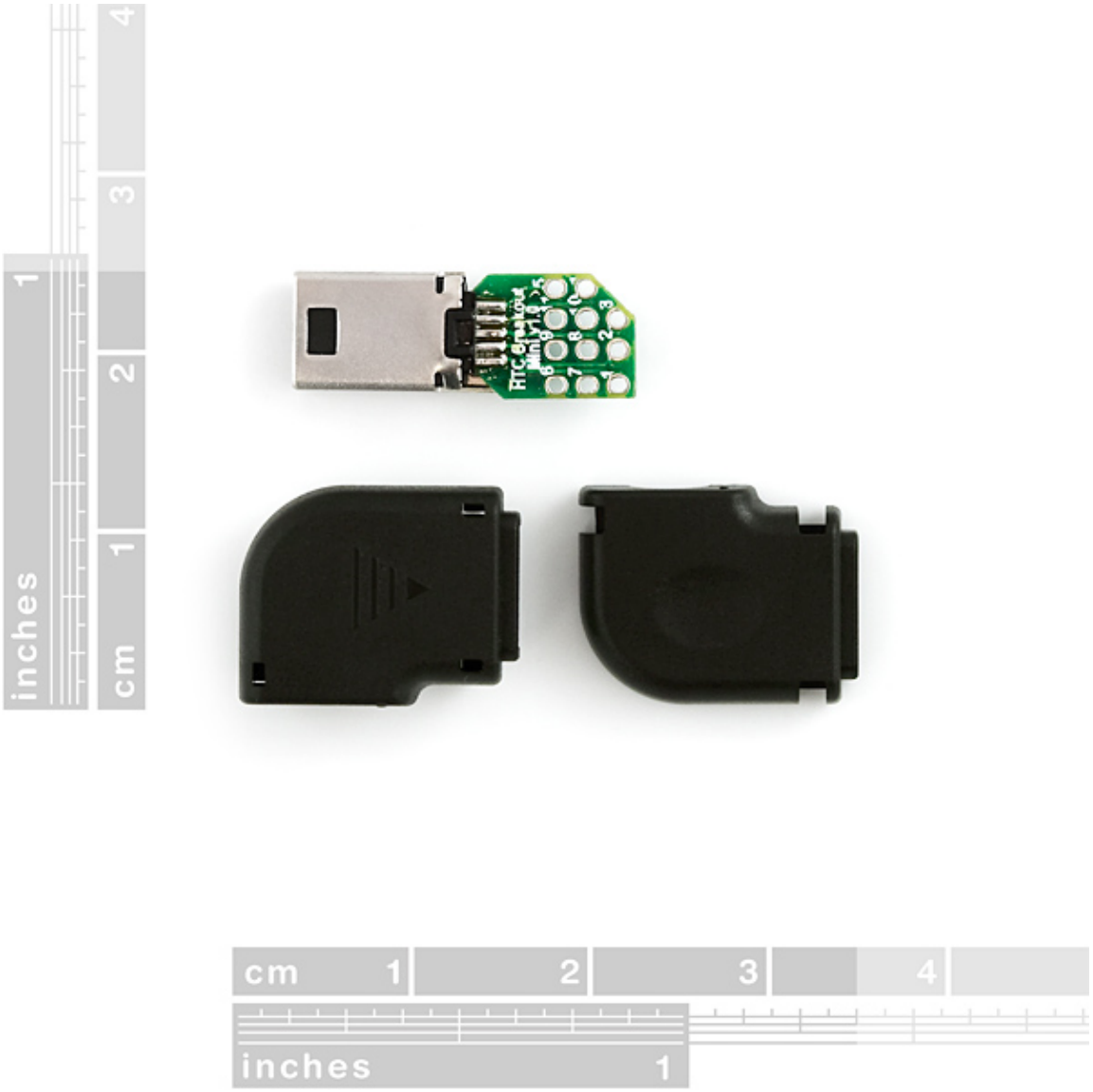
Serial cable

ExtUSB connector

- http://handy-datenkabel.de/deutsch/produkte/datenstecker/index_usb.htm
- http://www.sparkfun.com/commerce/product_info.php?products_id=9167







- RS232<->TTL http://bestcelldist.com/htc_dream_serial_data_cable.html
- Upute: http://www.hackolog.com/2010/08/06/constructing-the-android-g1-serial-to-usb-cable/
- **swap rx/tx**: https://groups.google.com/group/android-platform/browse_thread/thread/439d3f3af7a88a09/a0eb2d
- **3.3V** or 2.8V: http://forum.xda-developers.com/showpost.php?p=4271889&postcount=28

Nokia DKU-5

http://pinouts.ru/forum/index.php?PHPSESSID=f3d7d4eae7be553fc6847f227bda1330&topic=358.msg5390

I got an ark3116-based DKU-5 cable, and its pin layout is as following.

1: blue (ground-shield)
3: yellow
4: orange (3.3v)
6: green (rx)

7: white (tx)
8: red (ground)

I haven't tested them yet, so before connecting them, check the voltage btw orange and red.

use only non-nokia CA-42 calble http://www.dealextreme.com/details.dx/sku.45715

home-made alternative

sim+cable strip

http://forum.xda-developers.com/showpost.php?p=7236424&postcount=724

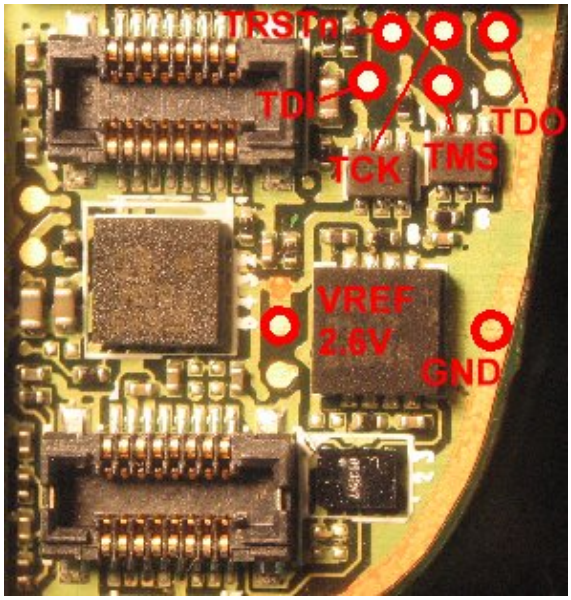
output

```
x200:/virtual/openmoko# ./neocon/neocon /dev/ttyUSB0
[Open /dev/ttyUSB0]

boot reason: PM_KPD_PWR_KEY_ON_RT_ST

(PowerOn Status,Boot Reason)=(1,1)
NAND_FLASH_READ_ID : SAMSUNG_256MB_FLASH_128MB_SDRAM

ARM9_BOOT_MODE1
```

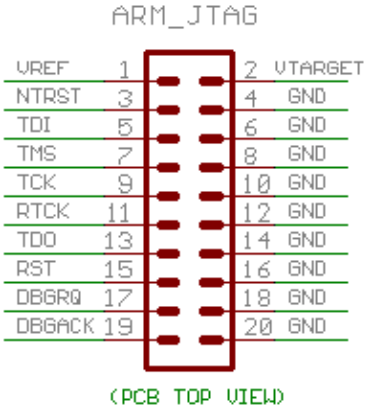
Boot loader

- http://forum.xda-developers.com/wiki/index.php?title=Hermes_BootLoader
- http://forum.xda-developers.com/wiki/index.php?title=Hermes_BootLoaderPassword
- http://forum.xda-developers.com/wiki/index.php?title=Hermes_RadioBootLoader
- IMEI check: http://forum.xda-developers.com/showthread.php?t=280819&page=2

JTAG

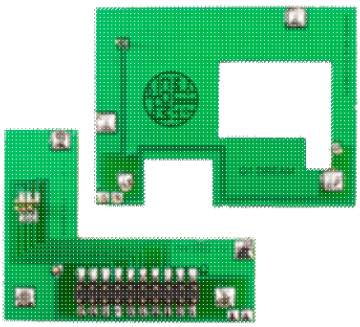


http://forum.xda-developers.com/showpost.php?p=6169249&postcount=481



JTAG board with connector

- http://www.multi-com.pl/index.php/en_US,details,id_pr,7183,menu_mode,categories.html
- info: jtag_htc_dream_google_g1_en.pdf



Low-power WIGGLER

- LPT2LVJTAG_WIG.pdf
- http://forum.xda-developers.com/showpost.php?p=6055979&postcount=412
- dream_wiggler.cfg.txt

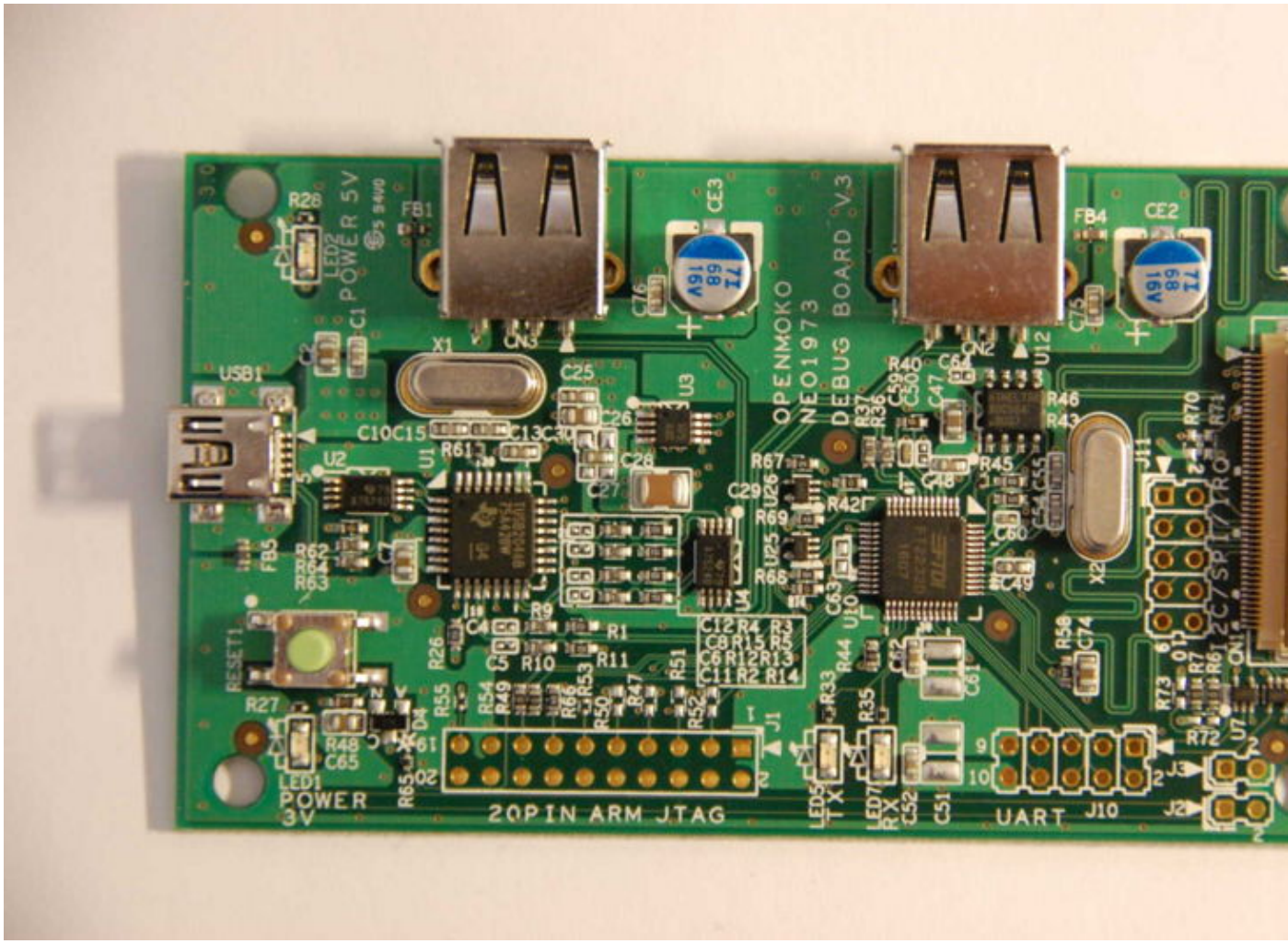
Info

- http://forum.xda-developers.com/wiki/index.php?title=JTAG_Softboot_for_Magic_and_Dream
- http://www.htcmania.com/mediawiki/index.php/JTAG_DREAM_AND_MAGIC
- http://forum.xda-developers.com/showthread.php?p=6100287&highlight=radata#post6100287
- http://www.omnia-repair.com/forum/topic/htc-dream-g1-jtag
- debugging: http://forum.xda-developers.com/showthread.php?t=591048&page=67

Reflash whole device: http://www.omnia-repair.com/forum/topic/htc-dream-g1-jtag/page/2

OpenMoko Debug Board

- http://wiki.openmoko.org/wiki/Debug_Board_v3



ROM

http://code.google.com/p/htc-flasher/

Radio

- http://nah6.com/~itsme/cvs-xdadevtools/xda2nbftool/parsegsmv2.pl

recovery.img

http://android-dls.com/wiki/index.php?title=HOWTO:_Unpack%2C_Edit%2C_and_Re-Pack_Boot_Images

Stats

camera+power

```
DREAM PVT 320 ENG S-OFF
HBOOT-1.33.2005 (DREA10000)
CPLD-4
RADIO-2.22.19.261
Apr 20 2009, 15:30:43
```

Board testpoints

Pictures are too large to be opened in browser!

- dream_main_pcb.zip