

Phantom 3 PRO. No Signal. Repair manual.

Needed:

- FTDI
- PC Win
- Wires
- Solder Iron
- Hands)

Soldering:

From board - To

- 1 – Boot0 pin to 3 – 3.3v (on board pin)
- 2 – Boot1 pin to 3 – 3.3v (on board pin)
- 3 – 3.3v to 1,2 pin (on board pin)
- 4 - GND to GND your FTDI adapter
- 5 – 5V to 5V pin your FTDI adapter. Need to power on PH3P board, if FTDI don't have 5V out just connect two plug from PH3 to board and power on PH3.
- 6 – 368_U0_RXP to TX your FTDI adapter
- 7 – 368_U0_TXP to RX your FTDI adapter

Software and flash:

Unpack folder ph3pns.zip to root derictory on hard drive, I unpack to c:\

Open command console

First stage.

Type `c:\ph3pns\sfh.exe -nandflash -v -p "COM5" ubl1.img u-boot.img`

And press enter.

Com5 its my com port FTDI adapter, you may have another port, check it on device manager.

If your see Target: BOOTME press ctrl-c

Second stage.

Type `c:\ph3pns\sfh.exe -nandflash -v -p "COM5" ubl1.img u-boot.img`

And press enter.

Wait for Target: DONE Target: DONE Operation completed successfully. (Approx. 30-60seconds.)

If your see it – great, flash succesful!

If your don't see it, example:

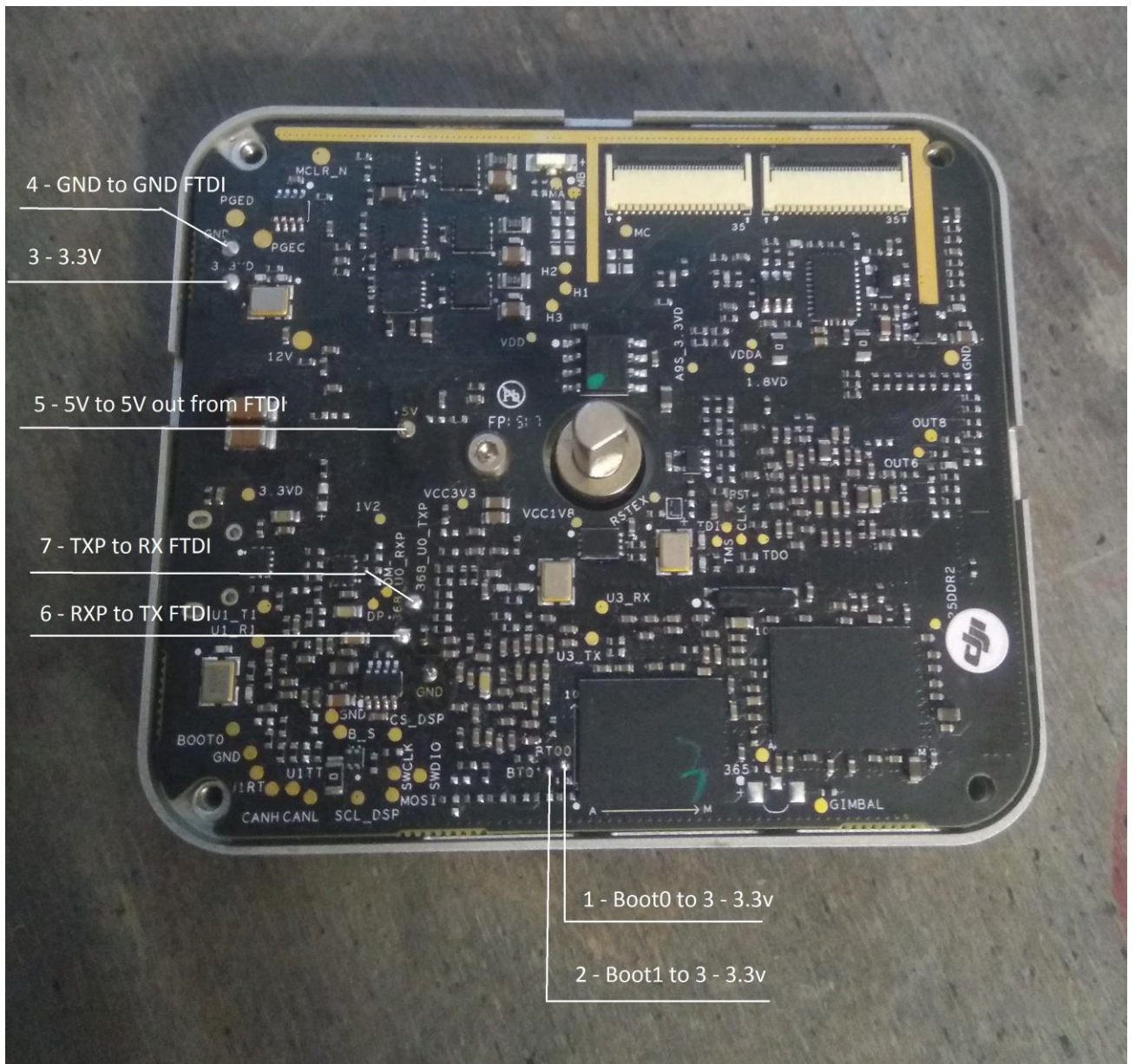
Waiting for SENDIMG sequence...

Target: NAND_open() failed!Starting UART Boot...

Target: BOOTUBL

Your nand NW361 is broken, you need to solder new chip.

Pic 1. Solder point.



Pic 2. After solder wires.

