

- PMSDR -

Software Defined Radio



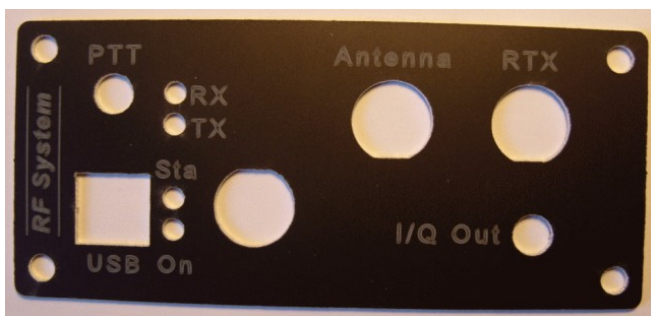
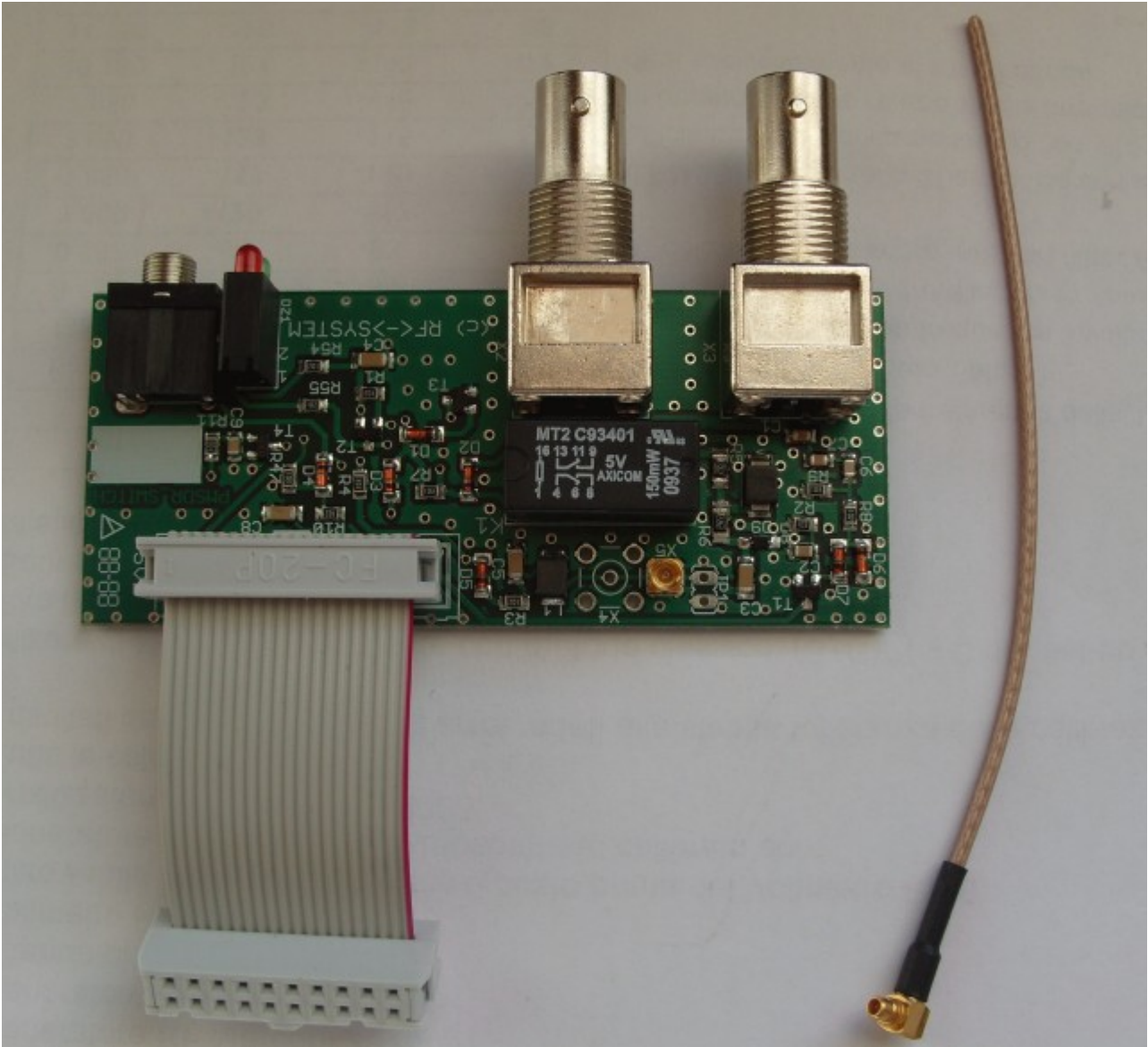
PMSDR Switch Option Board

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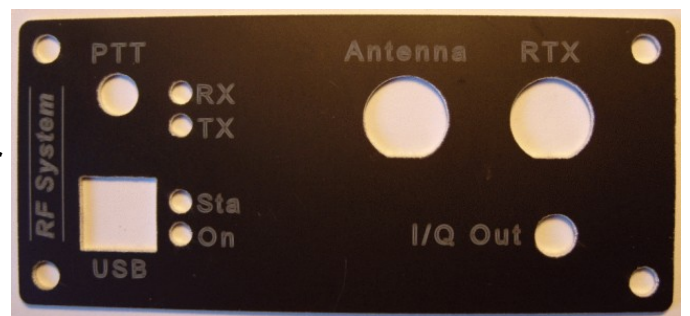
Switch Option Board

1. Assembly overview

- PMSDR Kit parts -



-or-

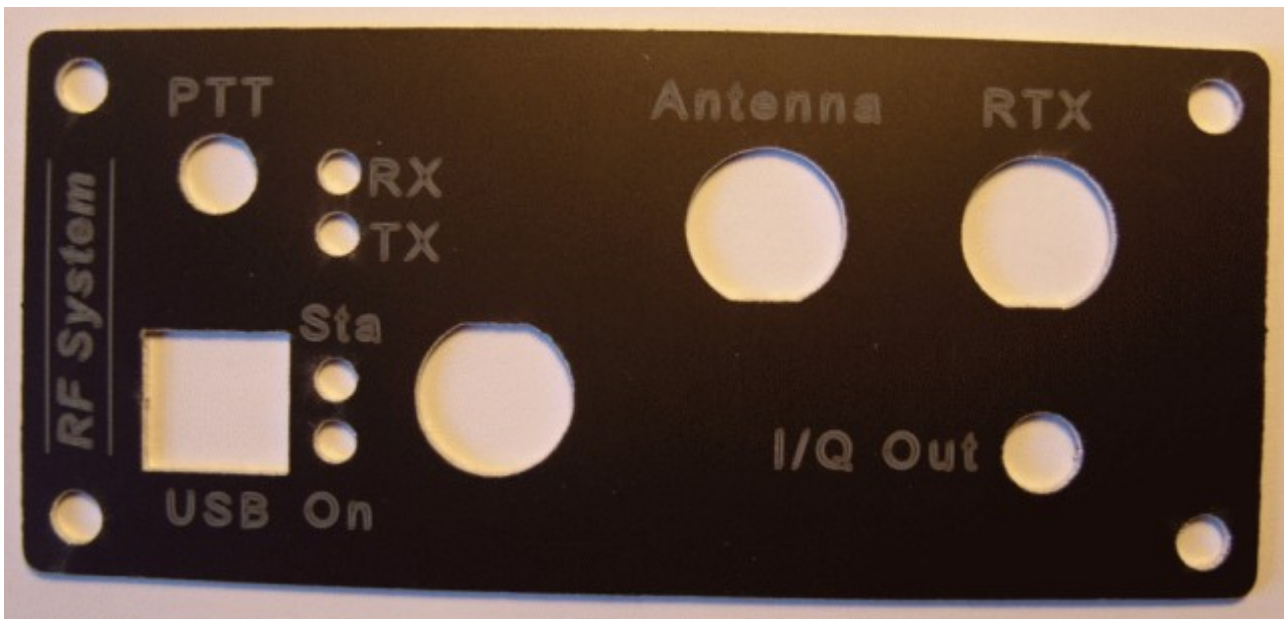


- PMSDR -

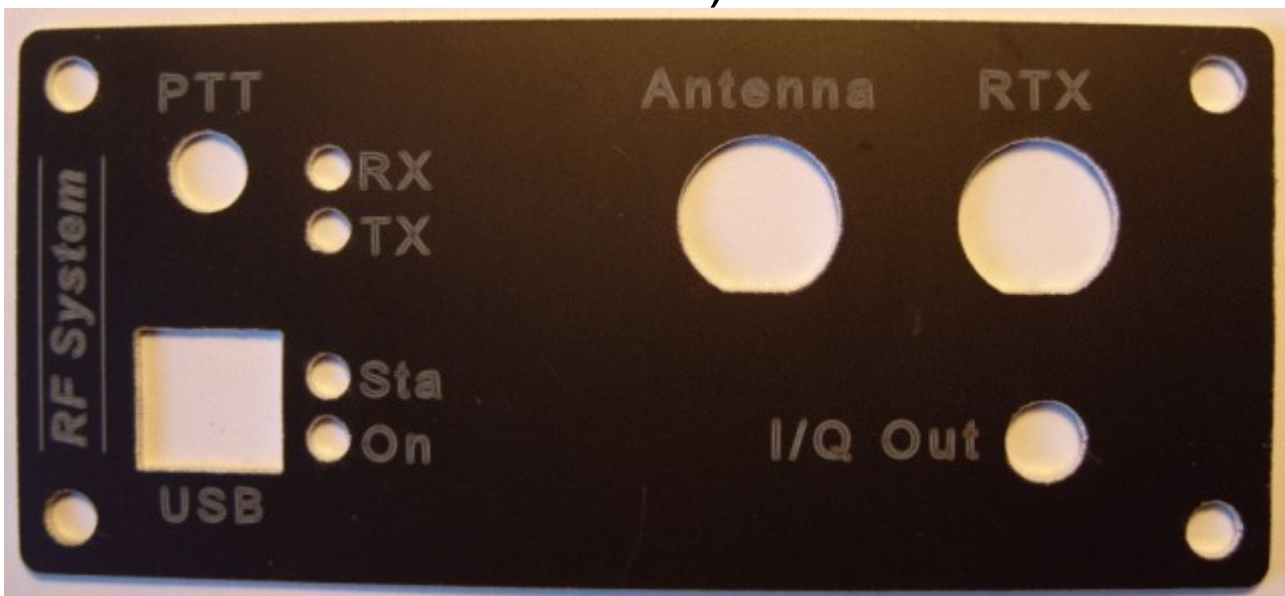
Switch Option Board

1. Assembly overview

- PMSDR Kit parts - Available rear panel types
- 1 - Rear panel for an existing PMSDR

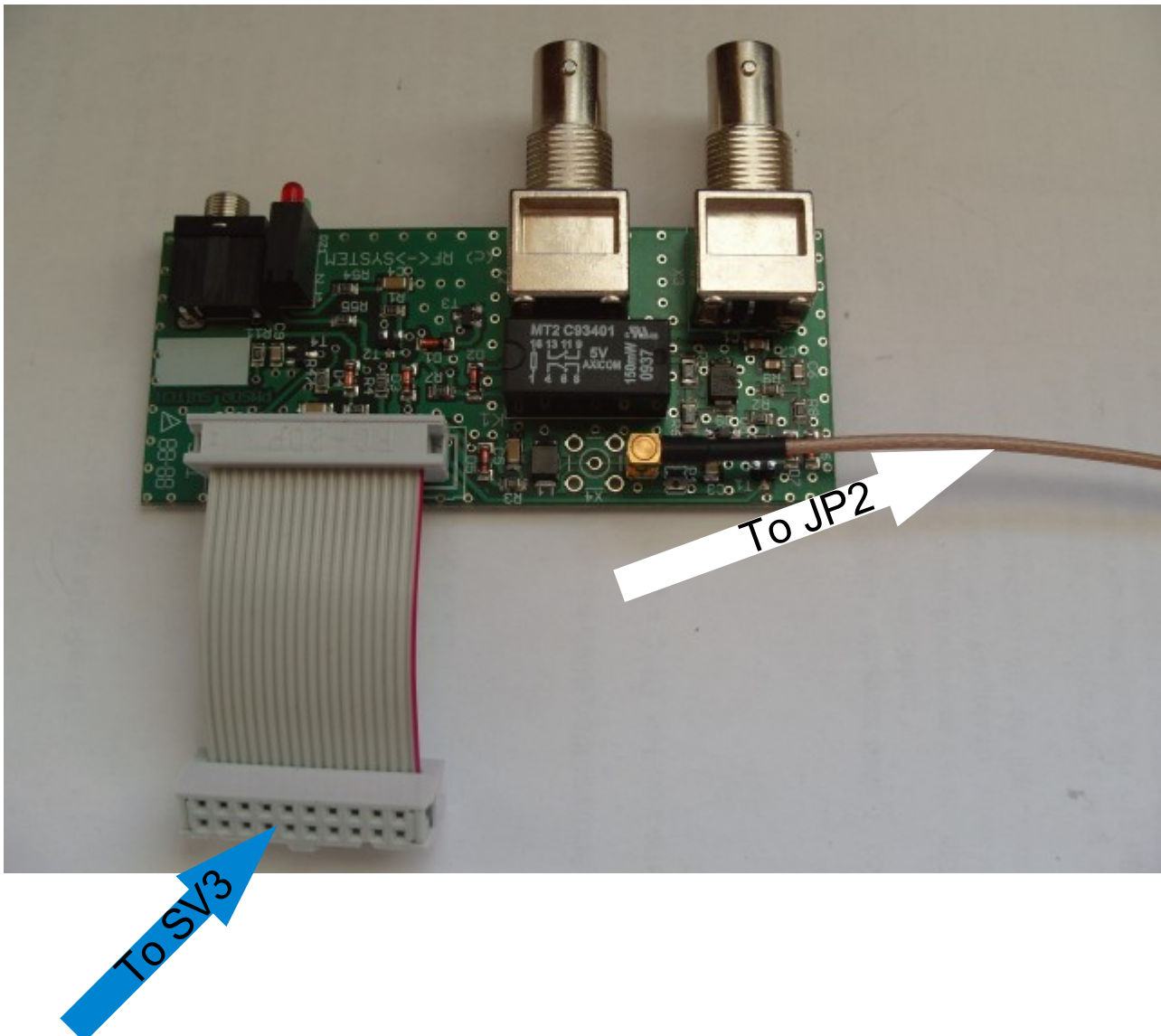


- 2 - Rear panel for a to be assembled PMSDR
(do not assembly the BNC-connector on the PMSDR-board)



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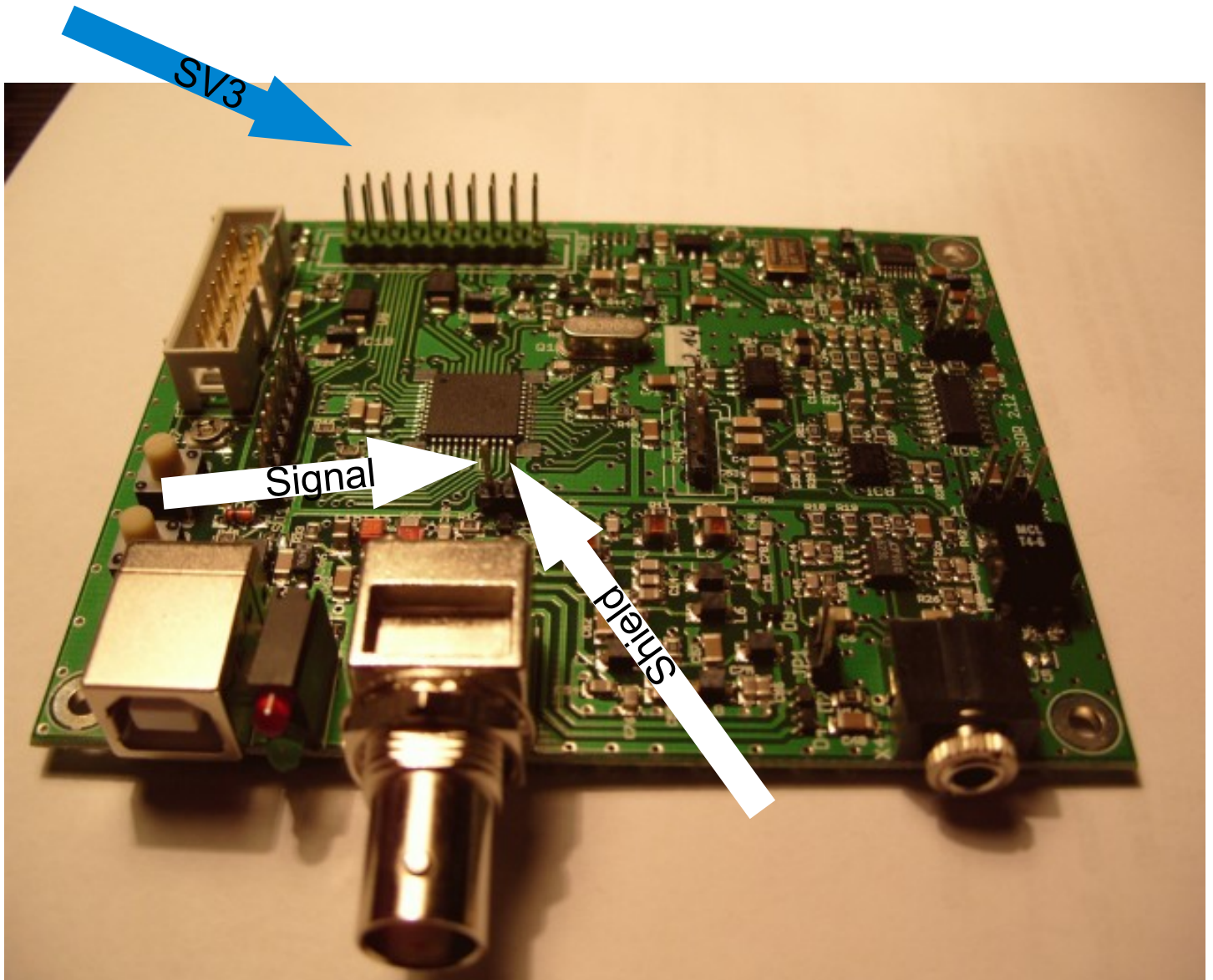
Assembled board overview
Connections to the PMSDR board



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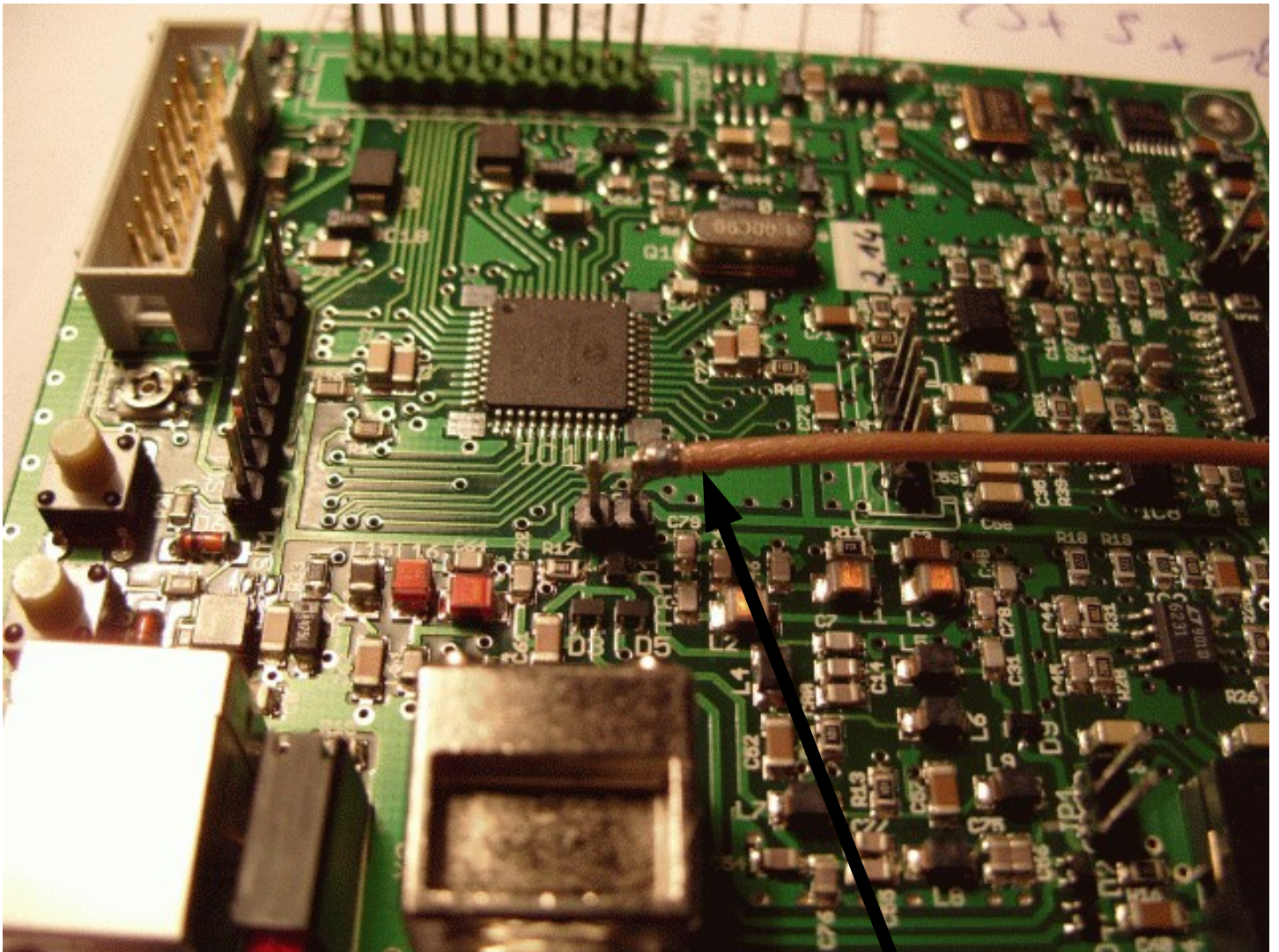
JP2 RF input point - Coaxial cable soldering



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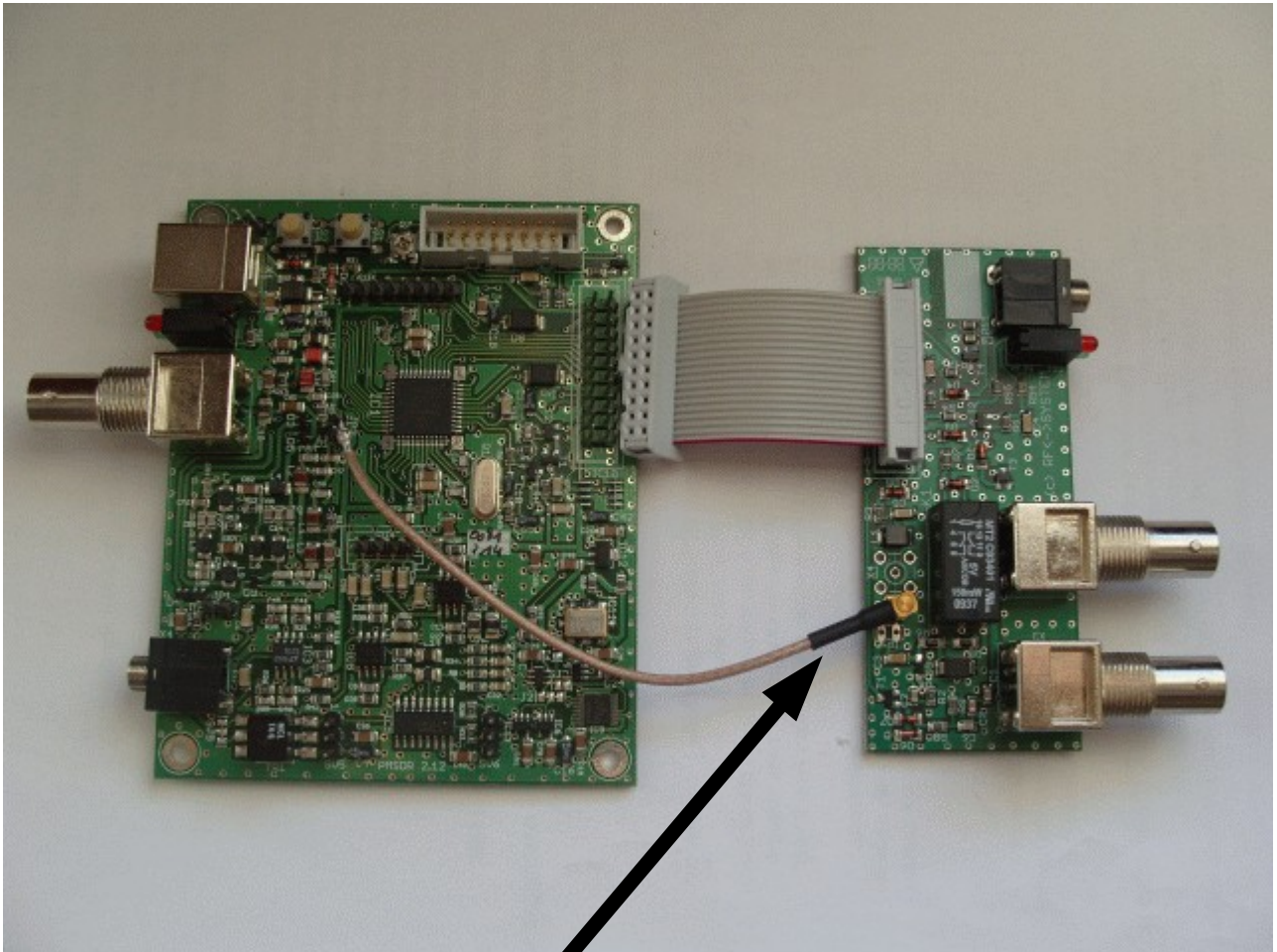
Coaxial cable assembly overview



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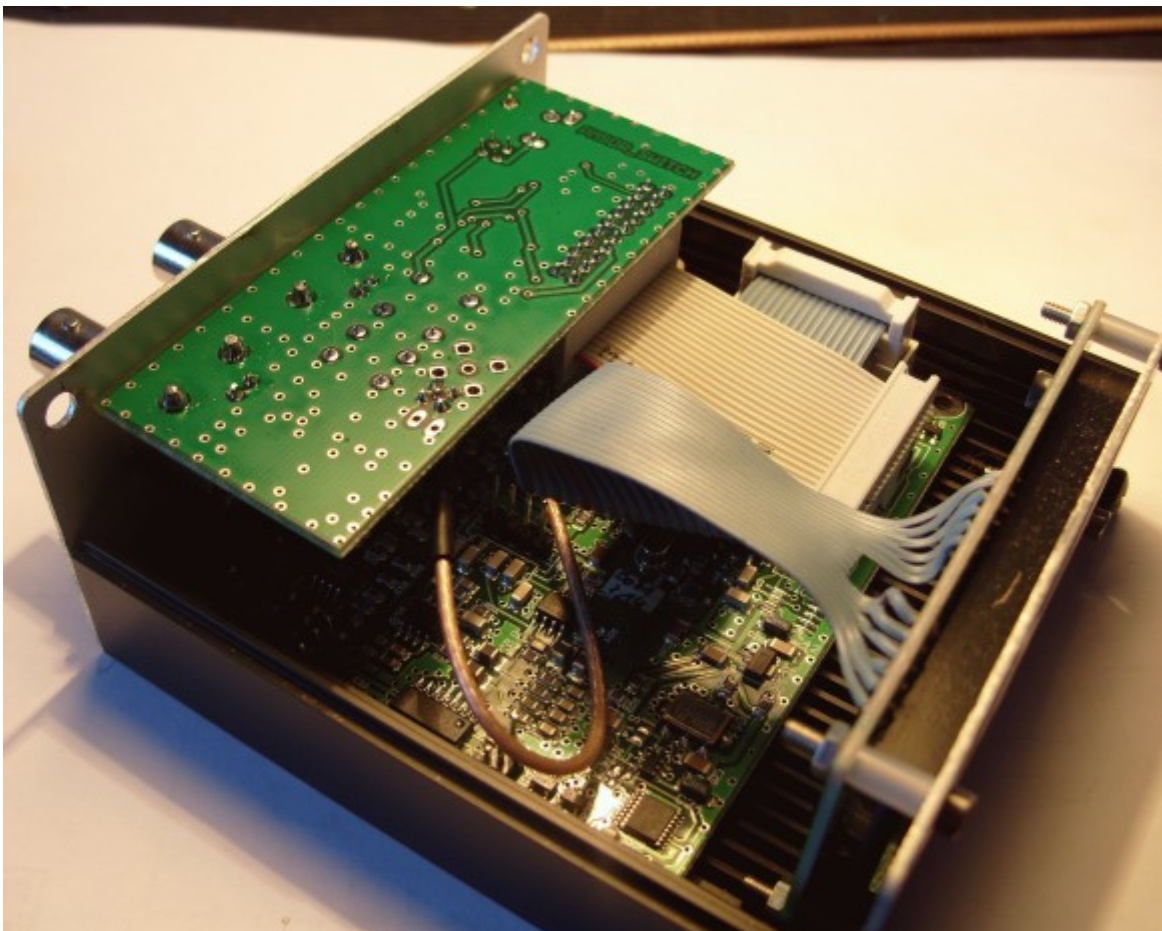
Coaxial cable connection



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Final assembly



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Switch Option Board Final Assembly overview

- PMSDR Kit parts - Available rear panel types
- 1 - Rear panel for an existing PMSDR



- 2 - Rear panel for a to be assembled PMSDR
(do not assembly the BNC-connector on the PMSDR-board)



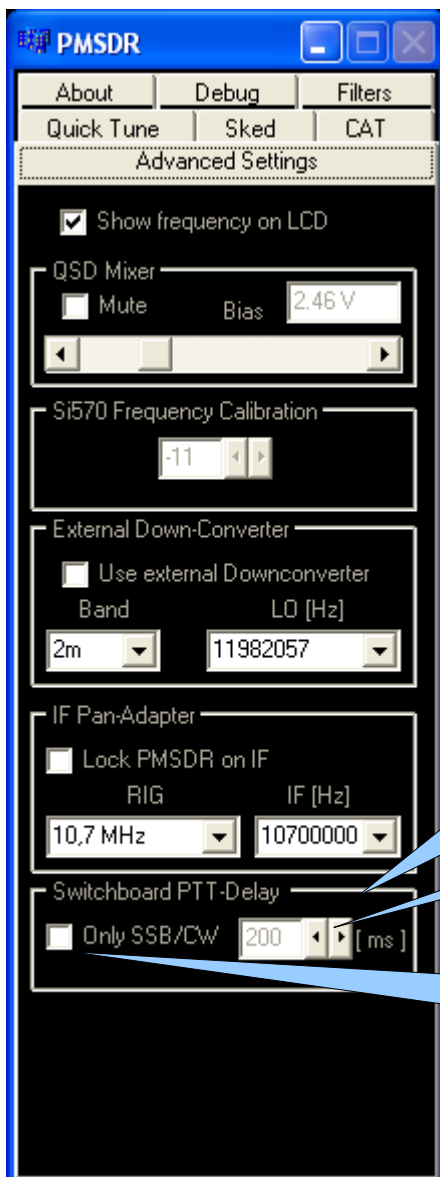
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Software updates:

The Switchboard require:

- PMSDR-Firmware Version 2.1.6 or higher
- and
- DLL Version 3.2.5 or higher.

You can download the latest releases and the firmware installation guide here: <http://www.iw3aut.altervista.org/downloads.htm>



The groupbox „Switchboard PTT-Delay“ is enabled only if the switchboard is detected by the PMSDR

The PTT-off delay can be set here

This flag enable the PTT-off delay only for SSB/CW modes

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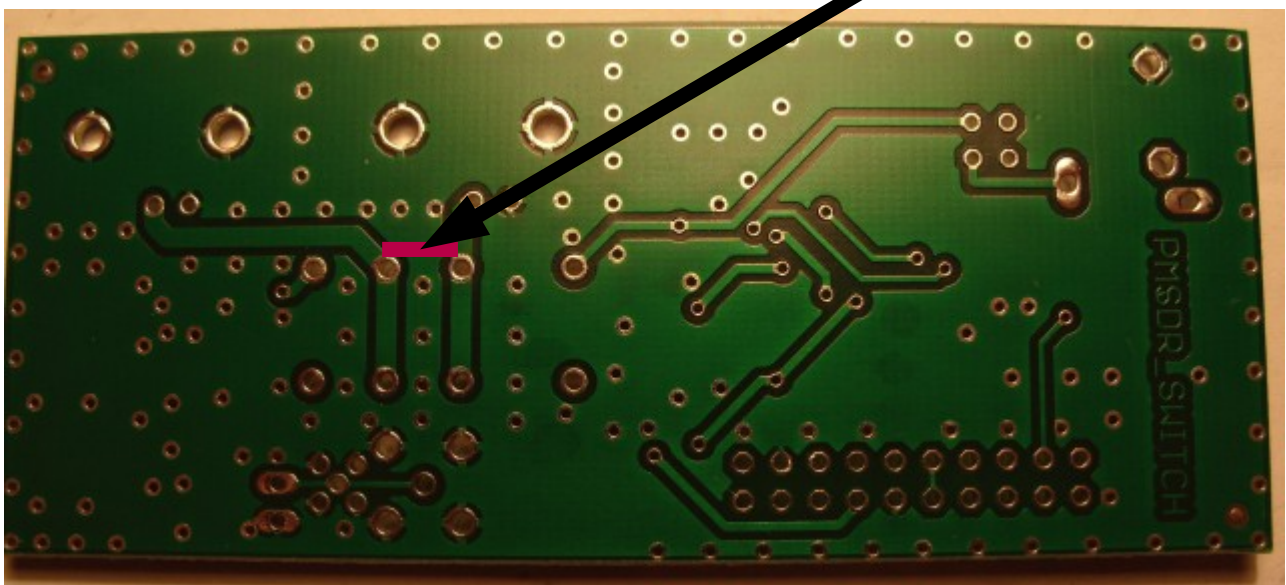
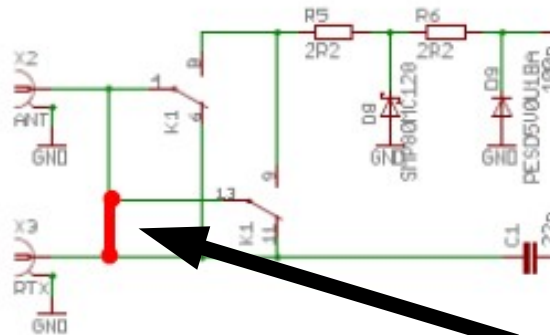
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Modification to able to receive at the same time with the PMSDR and transceiver:

This mod able to receive at the same time with the PMSDR and transceiver. The only disadvantage is a loss about 3dB, but i think that is only a small problem in the most cases.

The benefit would be that you can use the receiver(s) on your transciever at the same time you can watch the spectrum display on the PMSDR.

The mod consist only in a simple piece of wire to solder on the solder side of the switchboard. Therefore is to add the red wire as shown on the schematic below.



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