

DR-55 Soldering Points

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Open bottom chassis

Take off the battery box to avoid accident during this work.

Remove four screws in front and back of the DR-55. (Fig.1) Up side down DR-55 and take off the chassis. The soldering side of PCB appears. (Fig. 2) Take care about the cables connecting from the PCB to phone jacks on chassis. Soldering points are located in the red border.



Fig. 1 Screws to be removed

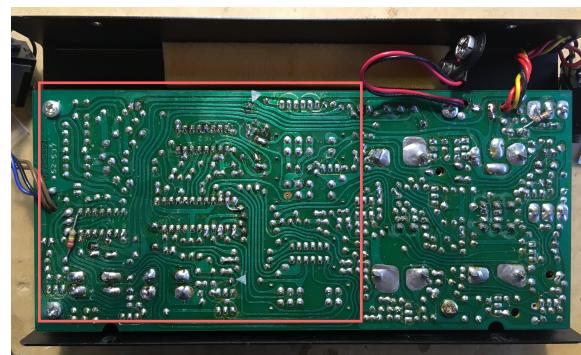


Fig. 2 Soldering side of PCB

Pin Assignment

pin#	signal	notes
1	GND	C48 minus side
2	HH	S4 common side
3	RS	TC5501P 12pin
4	SD	TC5501P 14pin
5	BD	TC5501P 16pin
6	CLOCK	TC4011UB 13pin
7	STATUS	TC4011UB 3pin
8	AC	TC5501P 10pin
9,10	VCC	C48 plus side

* parts numbers are according to the service note of DR-55.

Soldering Points

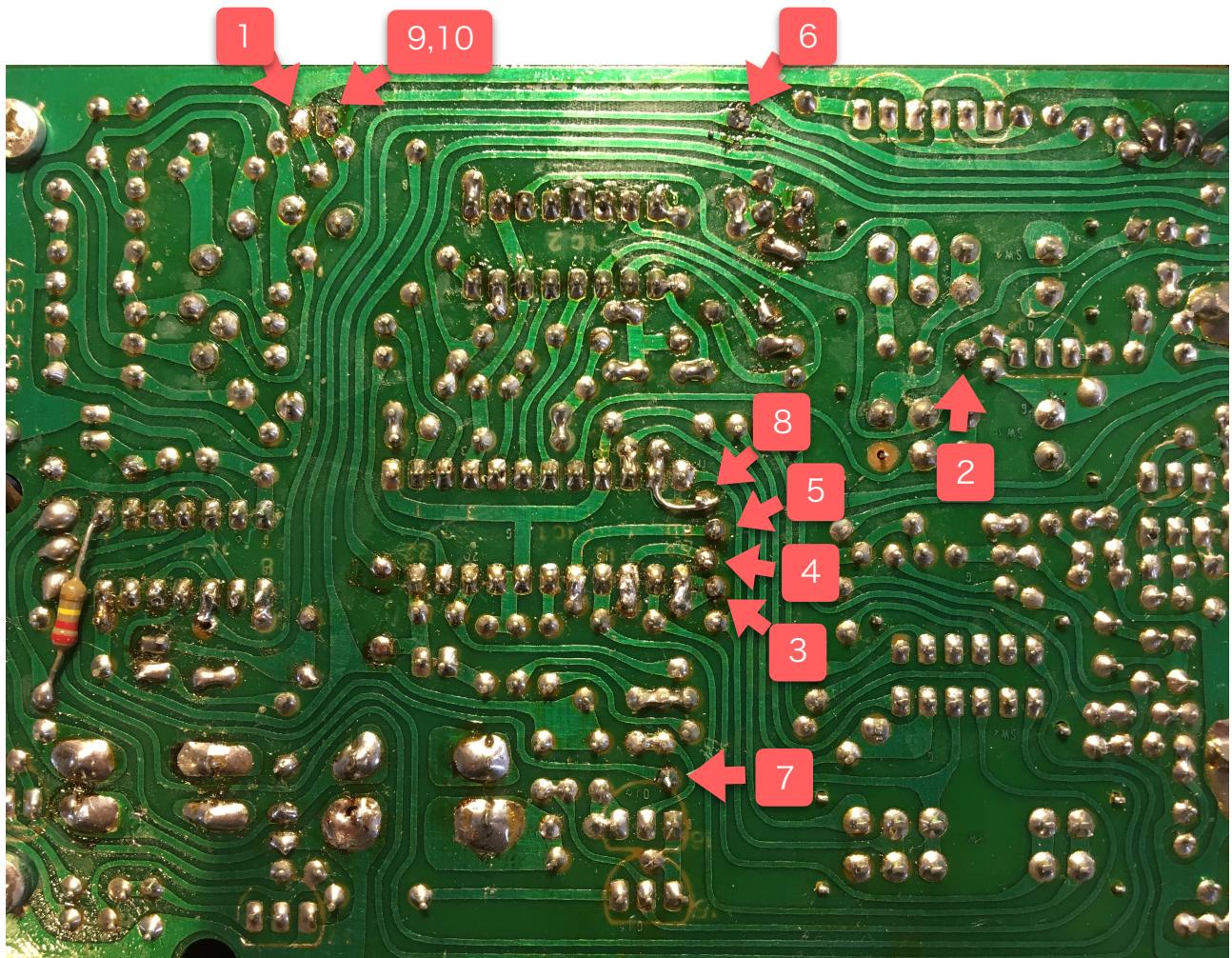


Fig.3 Recommended soldering points

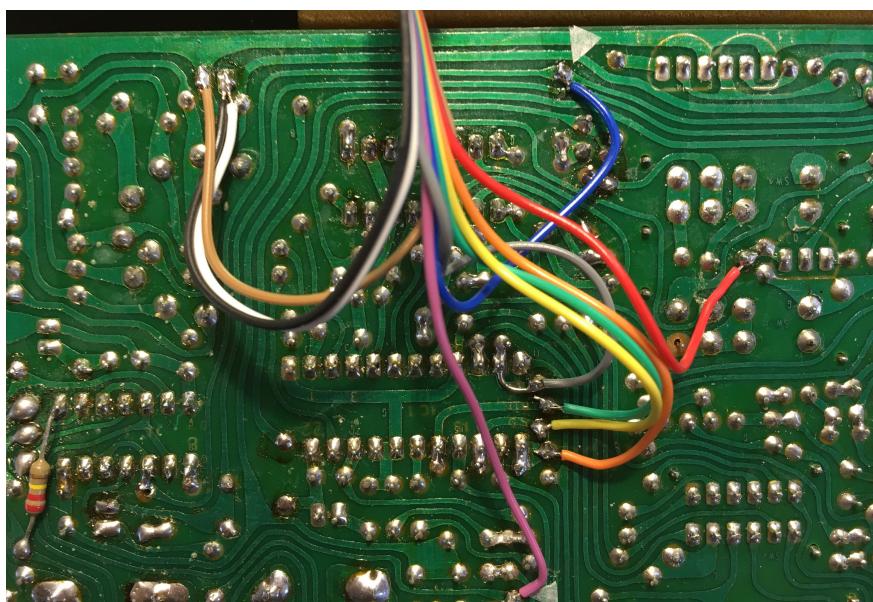


Fig. 4 Example of soldering

Cabling

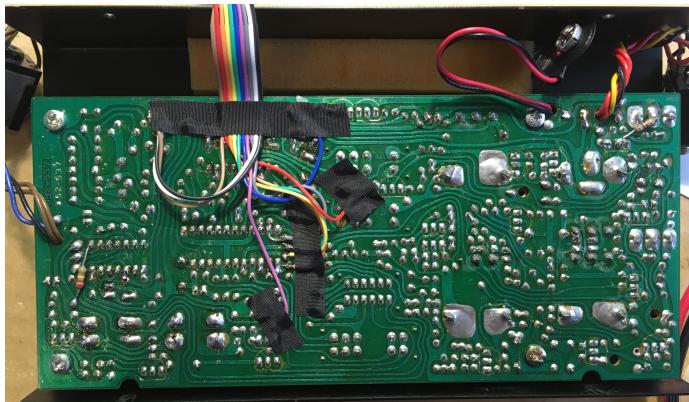


Fig. 5 Taping sample for covering soldering points and fixing cable.



Fig. 6 Cable come thru the battery hole

Check the latest update at
<https://github.com/dwt98/dr55sync/>