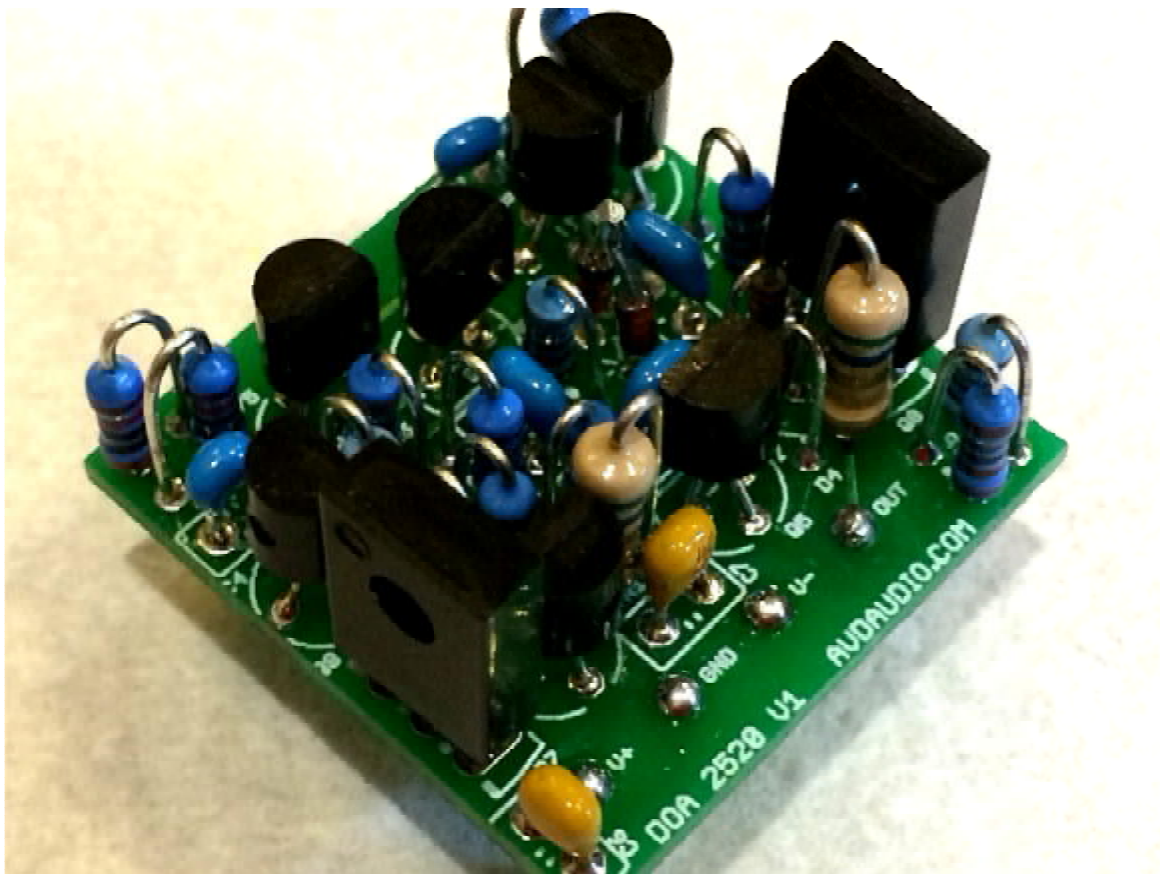
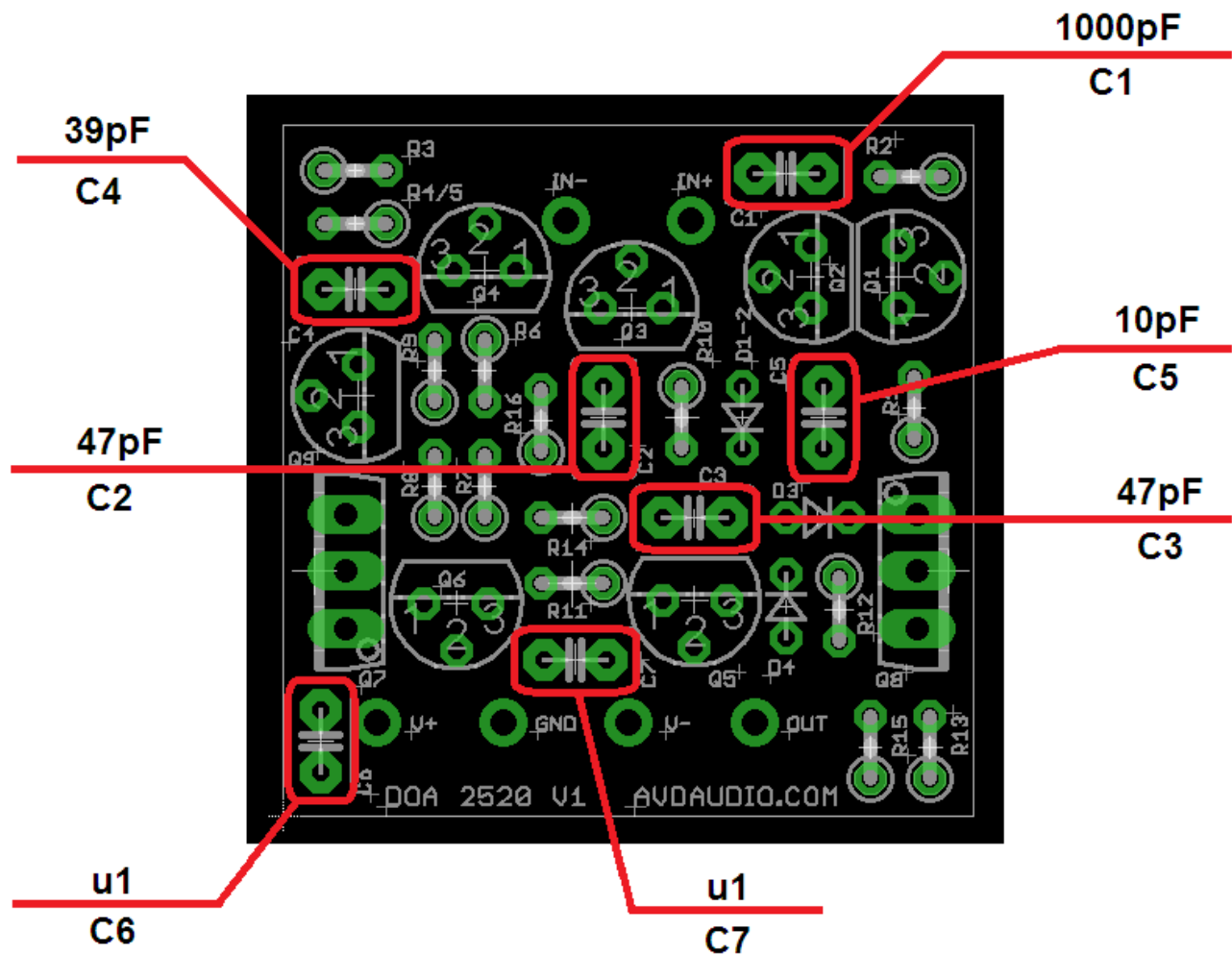


DOA 2520 V1. Assembly Manual.



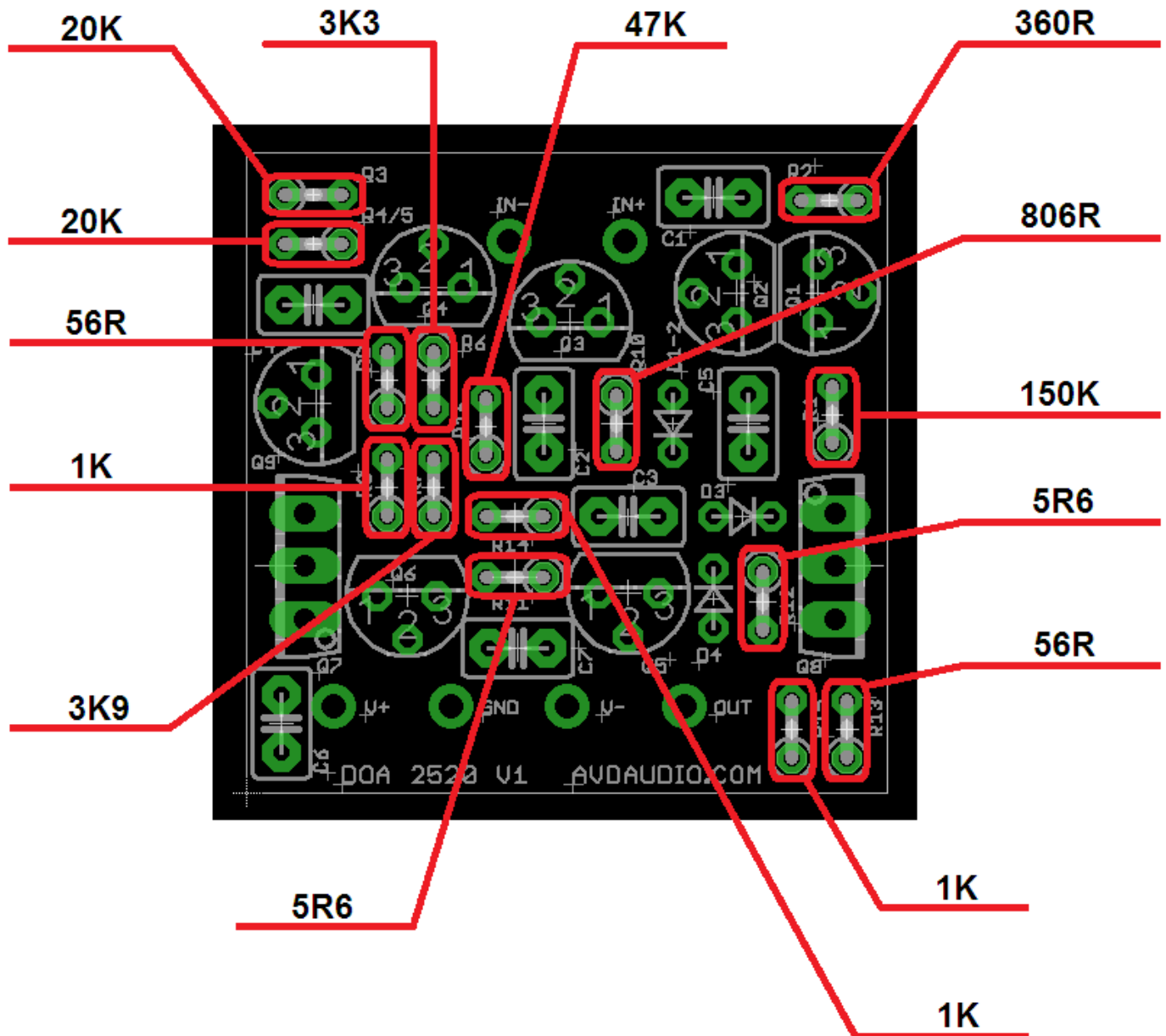
1. Soldering capacitors!

First step: First step: solder all capacitors in positions shown below:



2. Soldering resistors!

Second step: solder all resistors in positions shown below:



3. Soldering diodes!

Third step: solder all diodes in positions shown below:

Important: Diode marked D2-2 must to be soldered as double diodes. See photo:

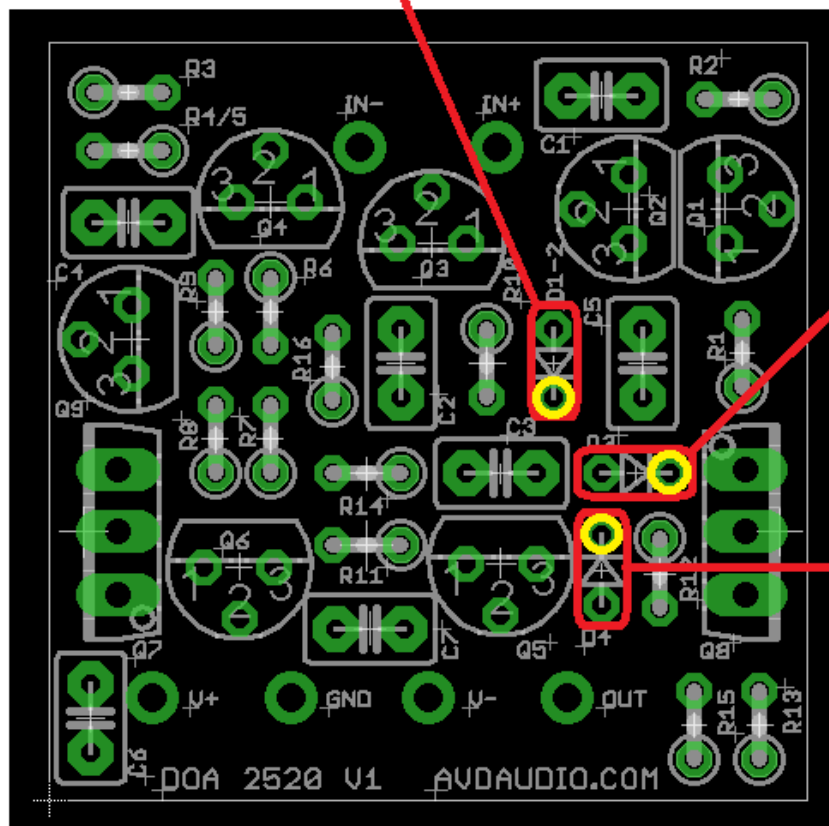
Diode 1N4148 looks as:



Insert the double diode with the black stripe (cathode) into the marked yellow circle.

1N4148 + 1N4148

DOUBLE DIODE



1N4148

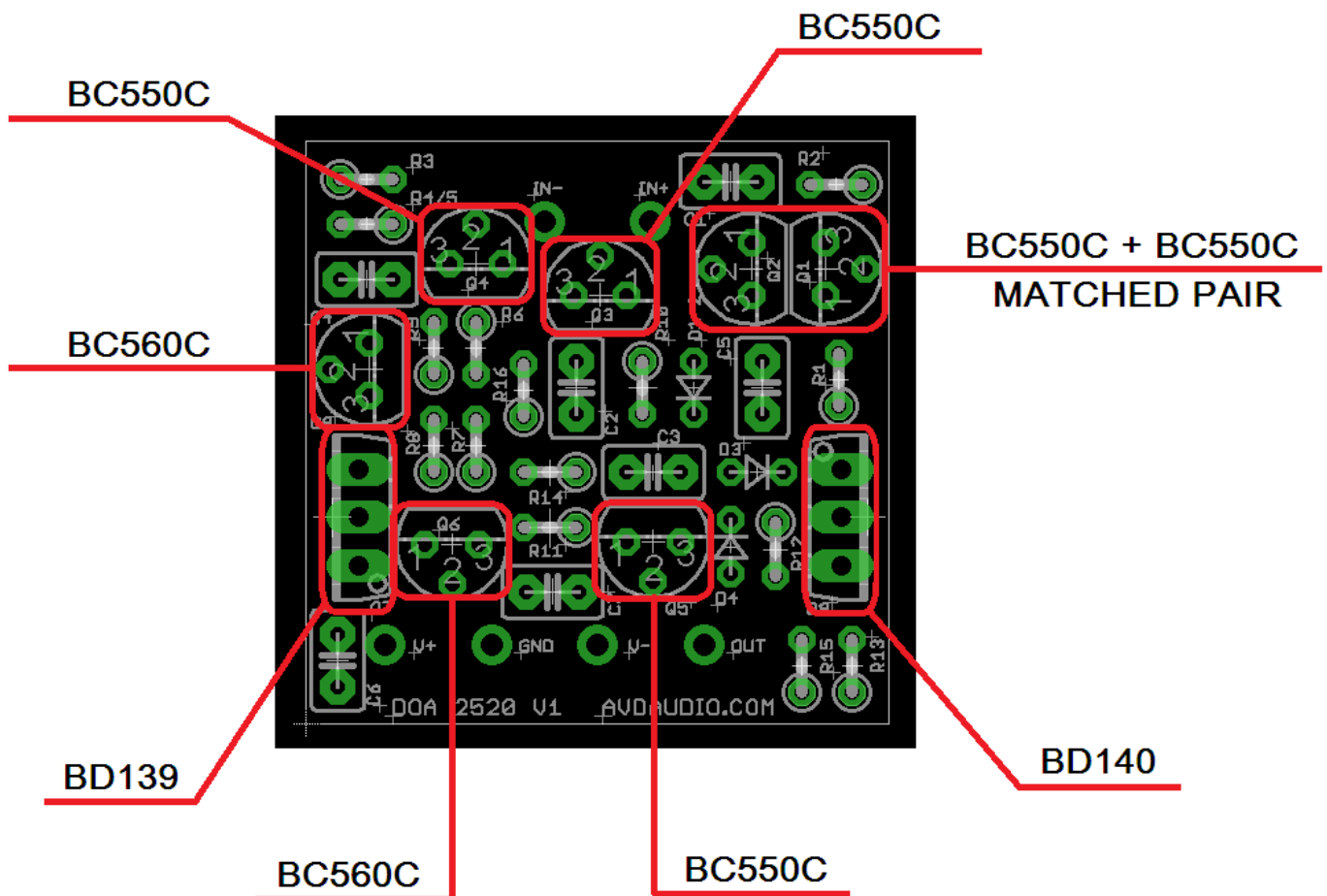
1N4148

4. Soldering transistors!

Fourth step: solder all transistors in positions shown below:

Important: Transistors marked Q1 and Q2 are matched pair! You will find them in a separate package marked "matched pair".

Transistors Q7 and Q8 must to be soldered face to face. The back side of each should be facing out!



Parts for order:

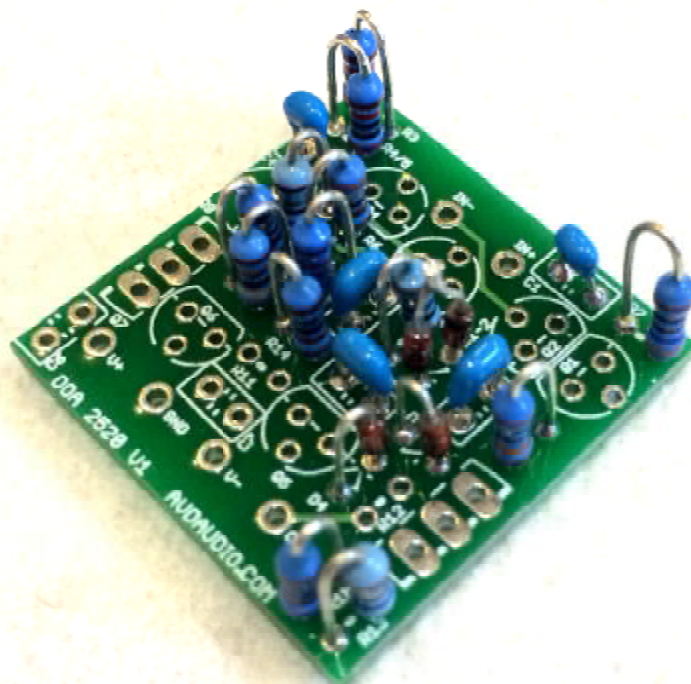
(Included in full kit)

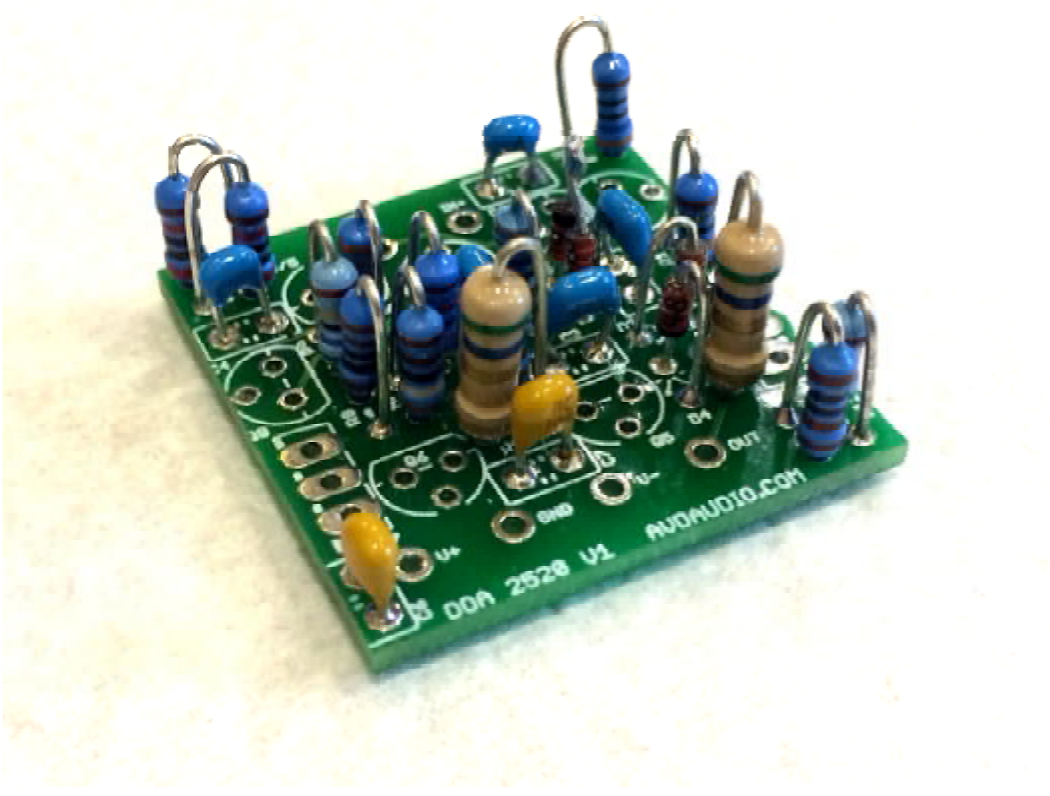
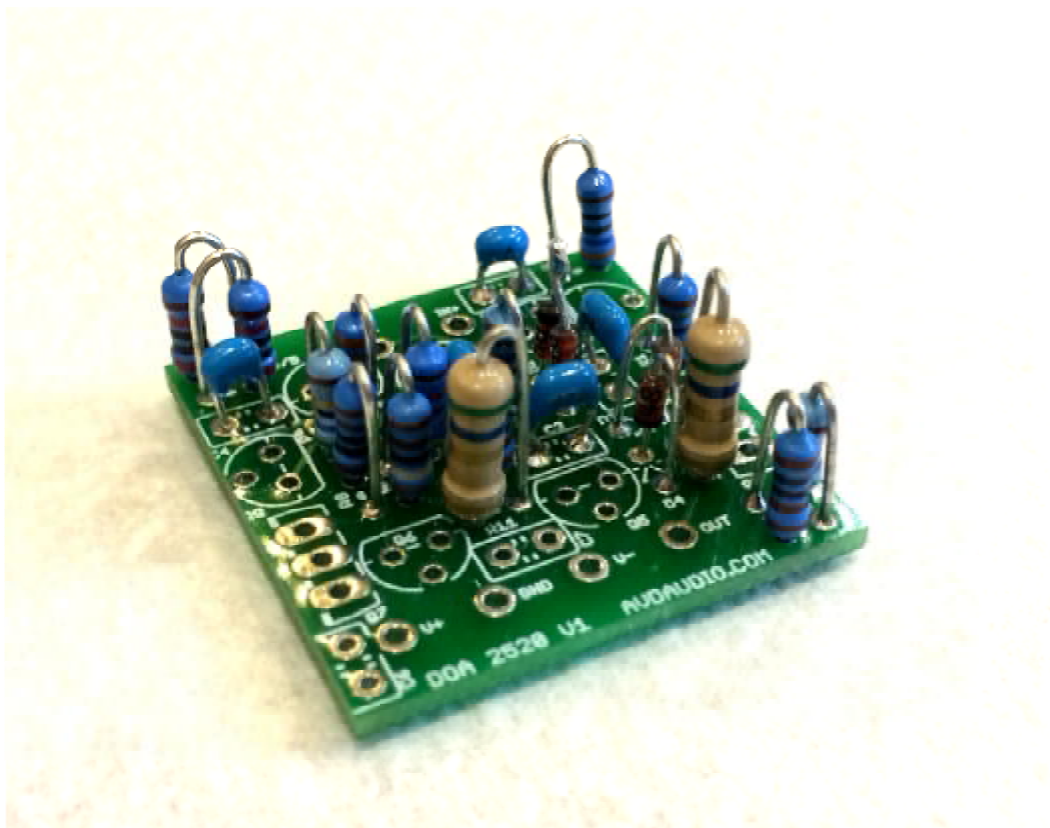
RESISTORS					
NUMBER	RESISTANCE	DESCRIPTION	NUMBER FOR ORDER	MANUFACTURER	
R1	150K	1% 0,25W	271-150K-RC	Xicon	
R2	360R	1% 0,25W	271-360-RC	Xicon	
R3	20K	1% 0,25W	271-20K-RC	Xicon	
R4-5	20K	1% 0,25W	271-20K-RC	Xicon	
R6	3K3	1% 0,25W	271-3.3K-RC	Xicon	
R7	3K9	1% 0,25W	271-3.9K-RC	Xicon	
R8,R14,R15	1K	1% 0,25W	271-1K-RC	Xicon	
R9,R13	56R	1% 0,25W	271-56-RC	Xicon	
R10	806R	1% 0,25W	271-806-RC	Xicon	
R11,R12	5R6	5% 0,5W	293-5.6-RC	Xicon	
R16	47K	1% 0,25W	271-47K-RC	Xicon	
CAPASITORS					
NUMBER	CAPACITANCE	DESCRIPTION	NUMBER FOR ORDER	MANUFACTURER	Lead Spacing
C1	1000pF	5% 50V, COG	ROE5C1H-110210A2-H3B	Murata Electronics	2.5mm
C2,C3	47pF	5% 50V, COG	ROE5C1H-47010A2-H3B	Murata Electronics	2.5mm
C4	39pF	5% 50V, COG	ROE5C1H-B9010A2-H3B	Murata Electronics	2.5mm
C5	10pF	5% 50V, COG	ROE5C1H-110010A2-H3B	Murata Electronics	2.5mm
CD6,CD7	0.1uF	10% 50V, X7R	RCER71H-1104K0A2-H3B	Murata Electronics	2.5mm
DIODES					
NUMBER	QUANTITY	DESCRIPTION	NUMBER FOR ORDER	MANUFACTURER	Lead Spacing
D1-2,D3,D4	4ps	100V	1N4148		
DIODES					
NUMBER	NAME	DESCRIPTION	NUMBER FOR ORDER	MANUFACTURER	Lead Spacing
Q1,Q2	BC550C	NPN, TO92	BC550CTA	Fairchild	Matched Pair
Q3,Q4,Q5	BC550C	NPN, TO92	BC550CTA	Fairchild	
Q6,Q9	BC560C	PNP, TO92	BC560CTA	Fairchild	
Q7	BD139-16	NPN, TO126	BD139-16	Fairchild	
Q8	BD-140-16	PNP, TO126	BD-140-16	Fairchild	
PINS					
NUMBER	NAME	DESCRIPTION	NUMBER FOR ORDER	MANUFACTURER	Lead Spacing
	6ps	Pins	3103-2-00-21-00-00-08-0	MIL-Mtx	

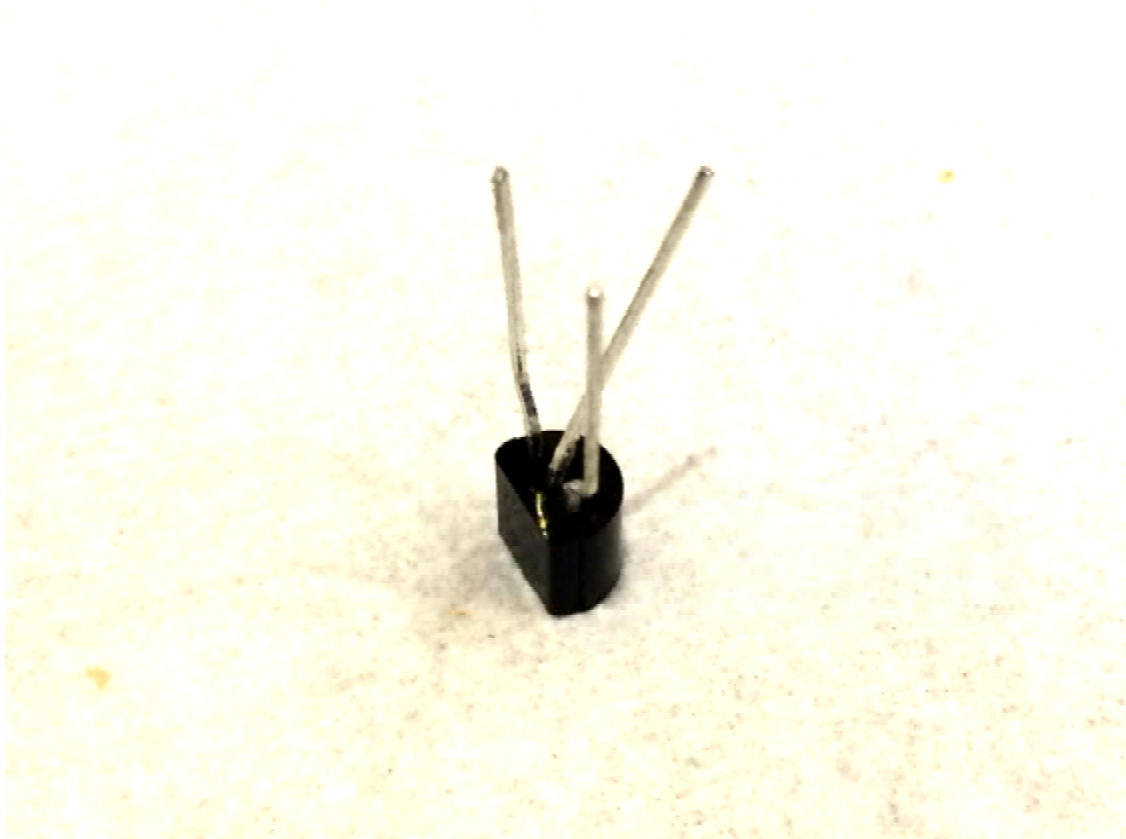
If you need more information, please, contact us:

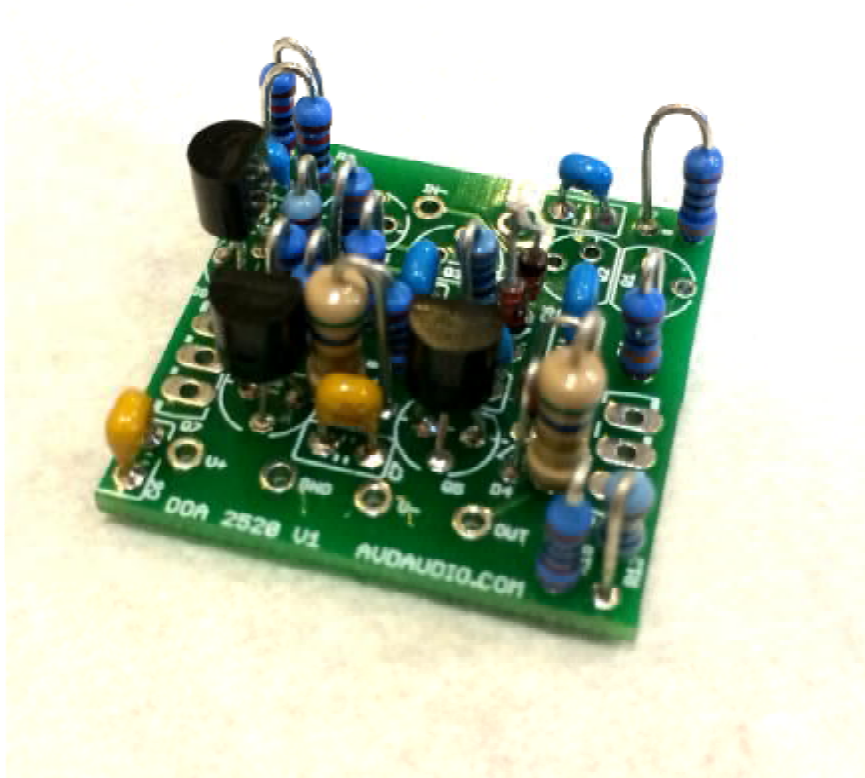
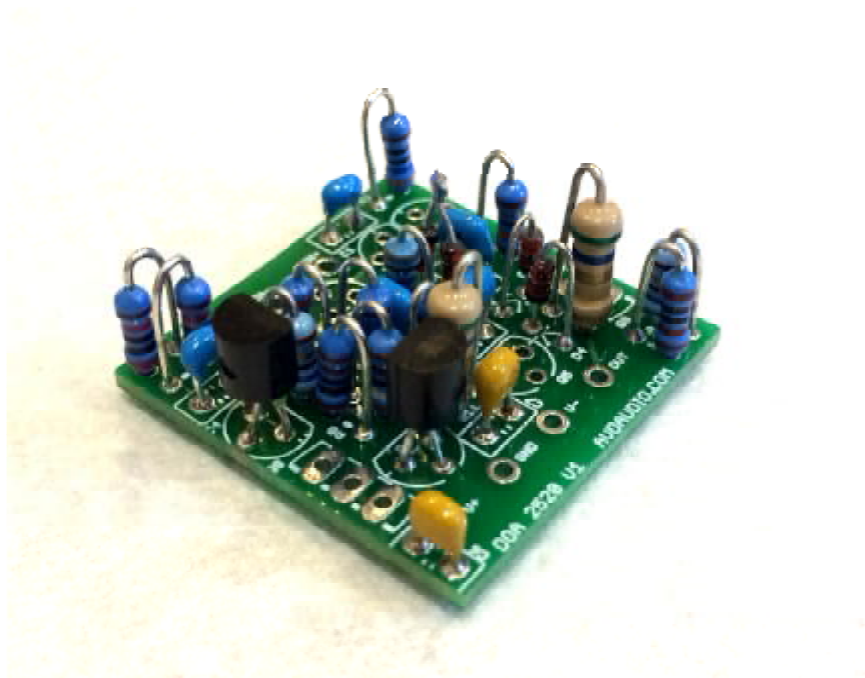
info@avdaudio.com

Assemblies Photos:

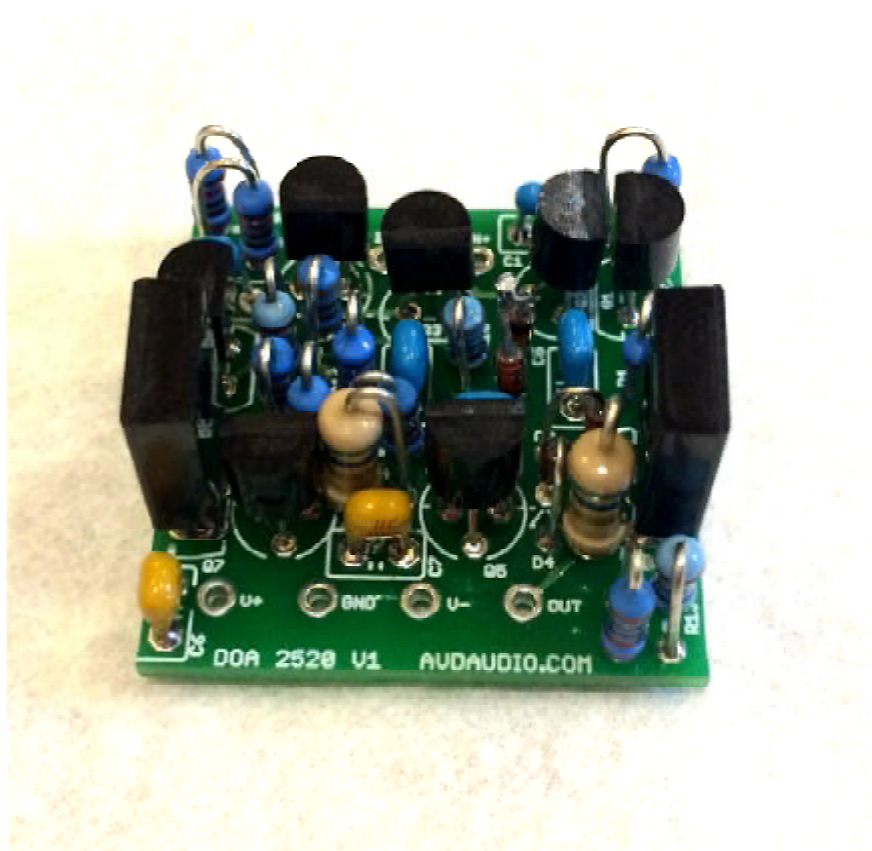
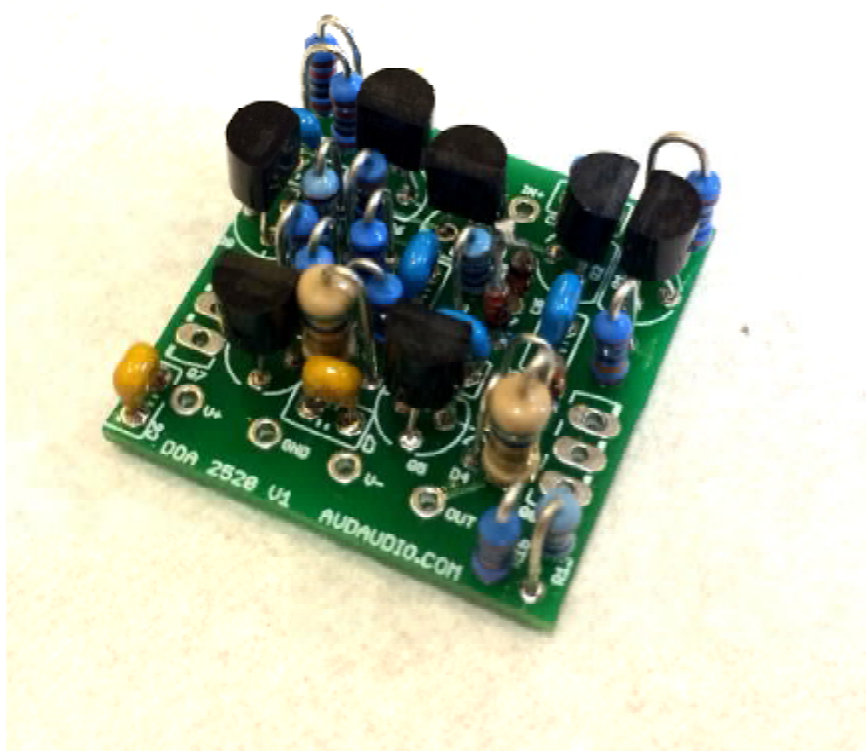


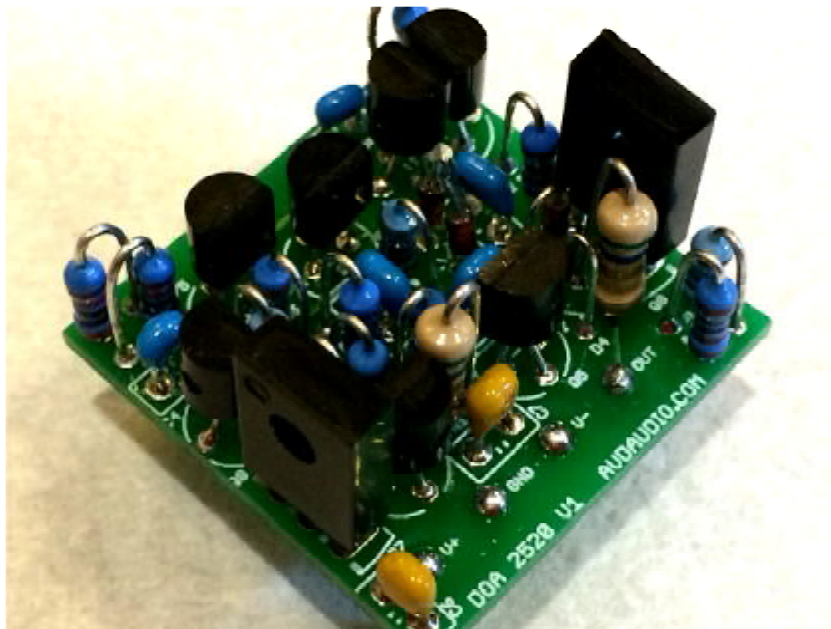
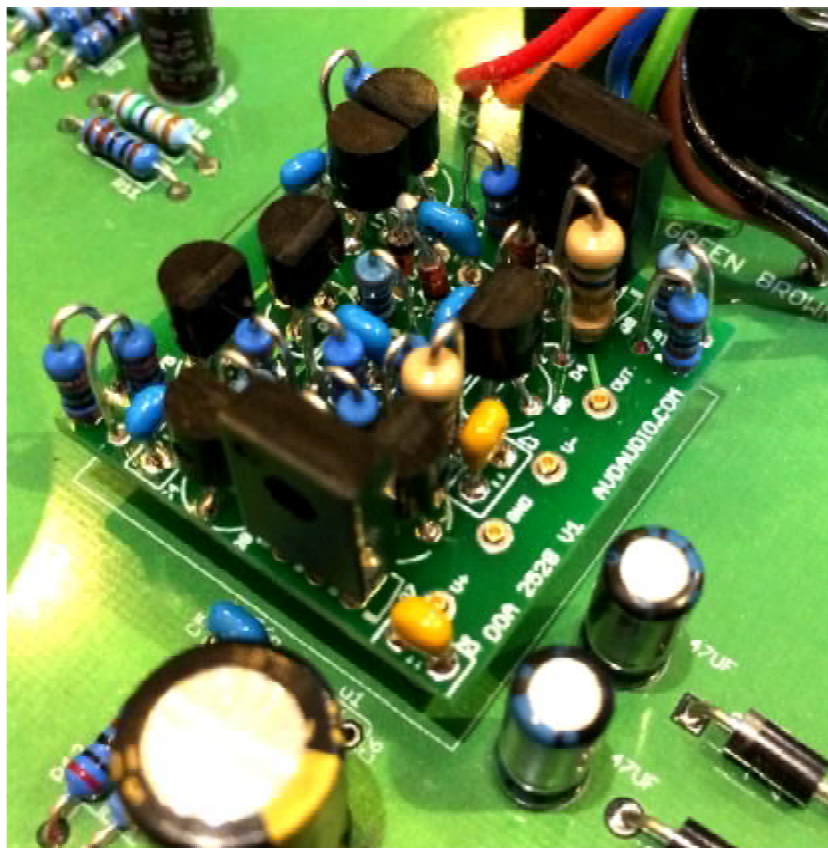






DOA 2520 V1.





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