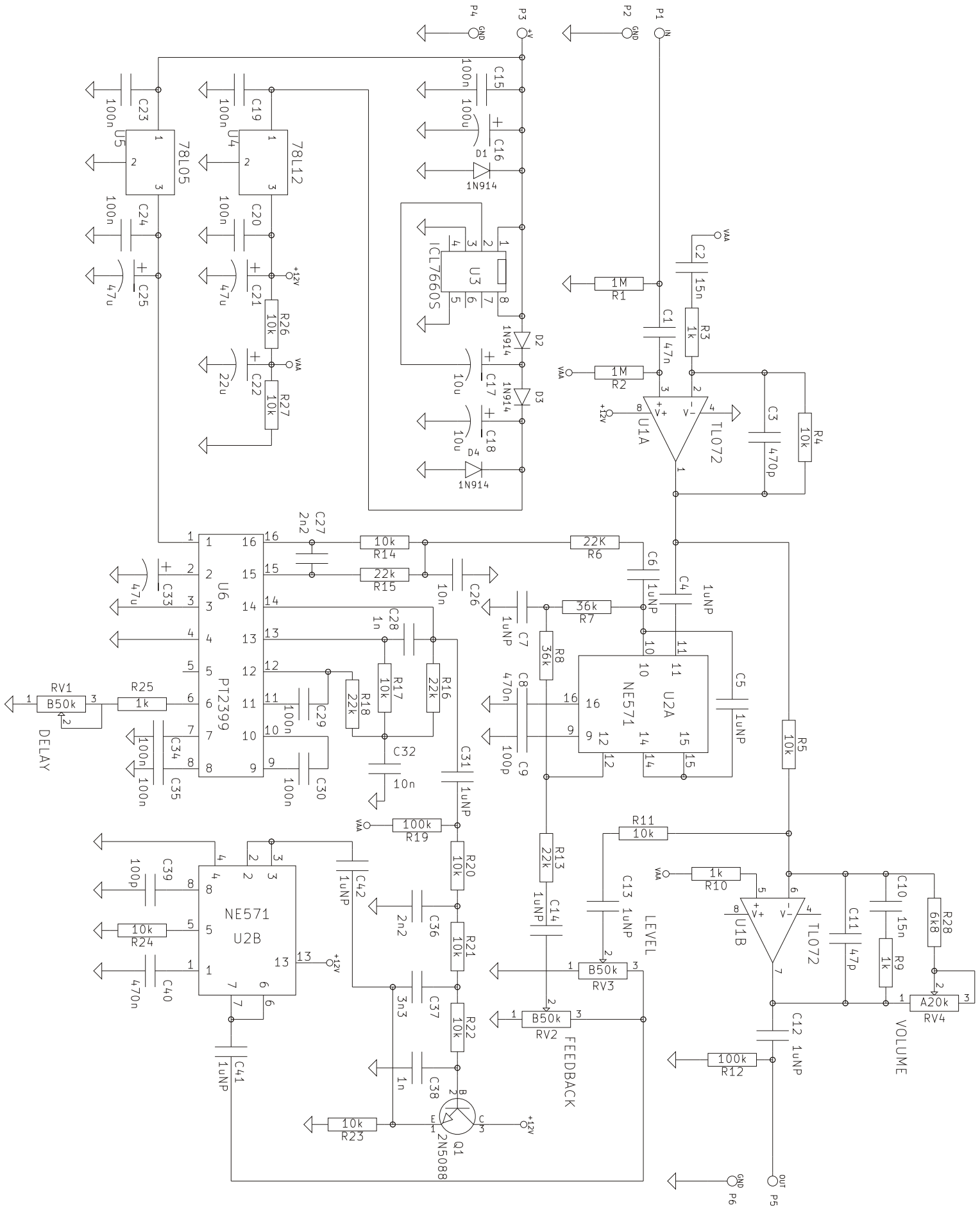
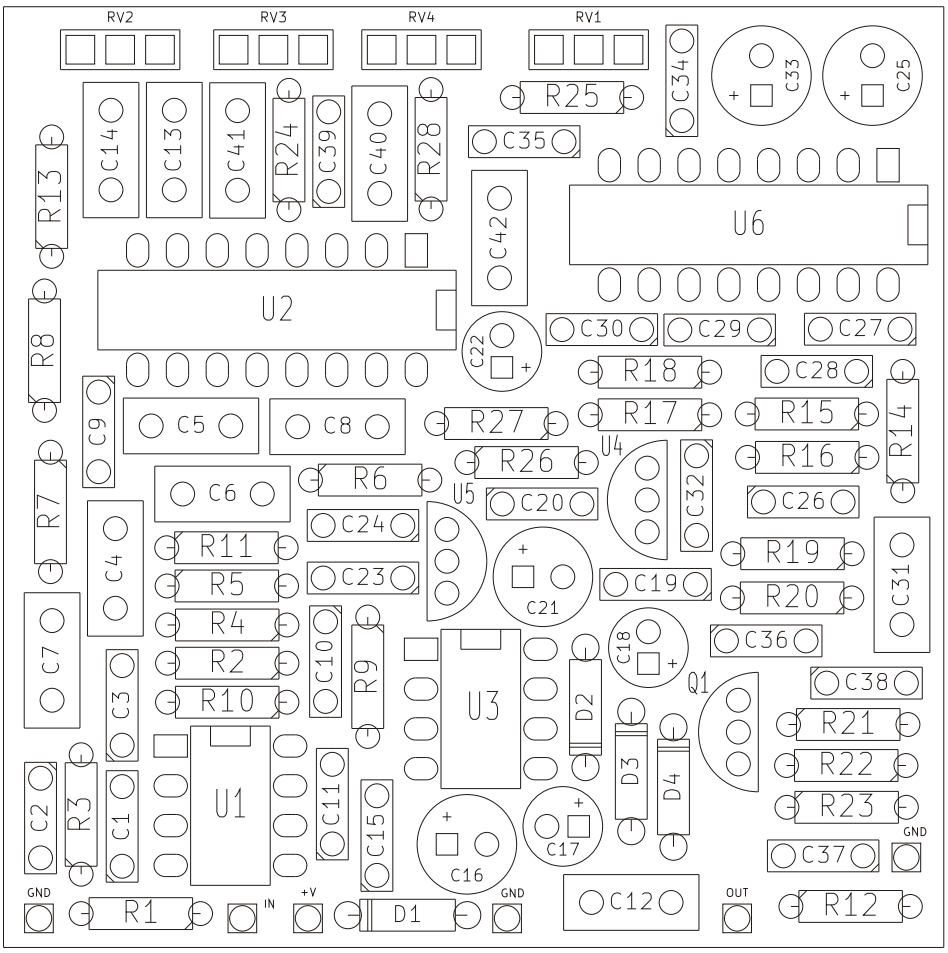

P4 GND
P3 +V
P2 GND
P1 IN
U5 78L05
U4 78L12
U3 ICL7660S
U1A TL072
U1B TL072
U2A NE571
U2B NE571
U6 PT2399
Q1 2N5088
D1 1N914
D2 1N914
D3 1N914
D4 1N914
DELAY
LEVEL
FEEDBACK
VOLUME
P6 GND
P5 OUT

PCB parts placement diagram:



R1 1M
R2 1M
R3 1k
R4 10k
R5 10k
R6 22K
R7 36k
R8 36k
R9 1k
R10 1k
R11 10k
R12 100k
R13 22k
R14 10k
R15 22k
R16 22k
R17 10k
R18 22k
R19 100k
R20 10k
R21 10k
R22 10k
R23 10k
R24 10k
R25 1k
R26 10k
R27 10k
R28 6k8

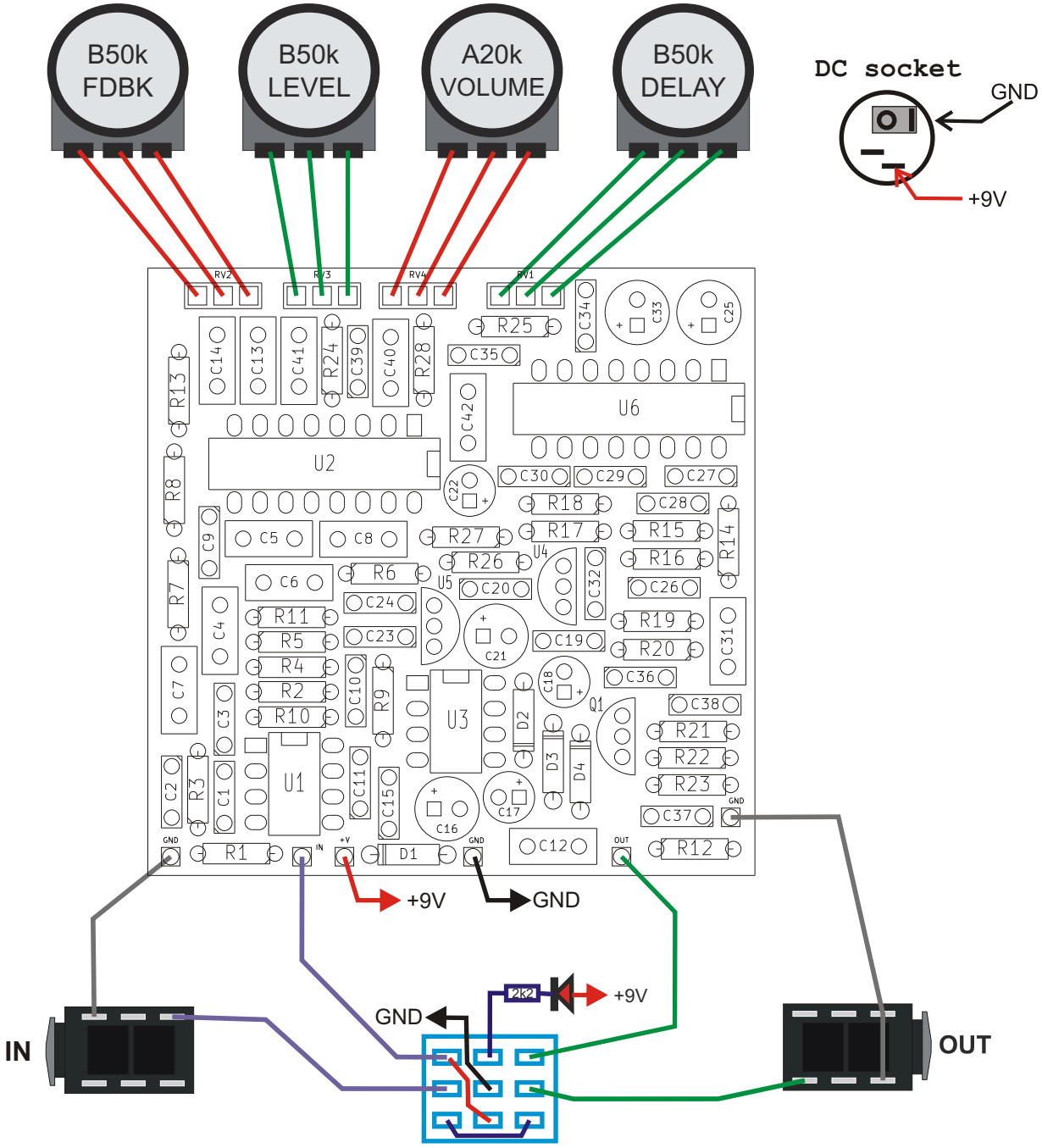
C1 47n
C2 15n
C3 470p
C4 1uNP
C5 1uNP
C6 1uNP
C7 1uNP
C8 470n
C9 100p
C10 15n
C11 47p
C12 1uNP
C13 1uNP
C14 1uNP
C15 100n
C16 100u
C17 10u
C18 10u
C19 100n
C20 100n
C21 47u
C22 22u
C23 100n
C24 100n
C25 47u
C26 10n

C27 2n2
C28 1n
C29 100n
C30 100n
C31 1uNP
C32 10n
C33 47u
C34 100n
C35 100n
C36 2n2
C37 3n3
C38 1n
C39 100p
C40 470n
C41 1uNP
C42 1uNP

RV1 B50k
RV2 B50k
RV3 B50k
RV4 A20k

D1 1N914
D2 1N914
D3 1N914
D4 1N914
Q1 2N5088
U1 TL072
U2 NE570/1
U3 ICL7660S
U4 78L12
U5 78L05
U6 PT2399

Wiring (bottom view):



Use metal enclosure connected to ground.
Power supply: 9V DC

Bill of materials:

Resistors:

1k	4pcs.	"R3 R9 R10 R25"
2k2	1pcs.	"LED"
6k8	1pcs.	"R28"
10k	12pcs.	"R4 R5 R11 R14 R17 R20 R21 R22 R23 R24 R26 R27"
22k	5pcs.	"R6 R13 R15 R16 R18"
36k	2pcs.	"R7 R8"
100k	2pcs.	"R12 R19"
1M	2pcs.	"R1 R2"

Potentiometers:

B50k	3pcs.	"RV1 RV2 RV3"
A20k	1pcs.	"RV4"

Capacitors:

47p	1pcs.	"C11"
100p	2pcs.	"C9 C39"
470p	1pcs.	"C3"
1n	2pcs.	"C28 C38"
2n2	2pcs.	"C27 C36"
3n3	1pcs.	"C37"
10n	2pcs.	"C26 C32"
15n	2pcs.	"C2 C10"
47n	1pcs.	"C1"
100n	9pcs.	"C15 C19 C20 C23 C24 C29 C30 C34 C35"
470n	2pcs.	"C8 C40"
1u	10pcs.	"C4 C5 C6 C7 C12 C13 C14 C31 C41 C42"

Electrolytic capacitors:

10u	2pcs.	"C17 C18"
22u	1pcs.	"C22"
47u	3pcs.	"C21 C25 C33"
100u	1pcs.	"C16"

Semiconductors:

1N914	4pcs.	"D1 D2 D3 D4"
2N5088	1pcs.	"Q1"
NE570/1	1pcs.	"U2"
TL072	1pcs.	"U1"
ICL7660S	1pcs.	"U3"
78L12	1pcs.	"U4"
78L05	1pcs.	"U5"
PT2399	1pcs.	"U6"
LED	1pcs.	

Other:

Footswitch 3PDT	1pcs.
Knob	4pcs.
DC socket 5.5/2.1	1pcs.
JACK socket	2pcs.

Resistor color code:

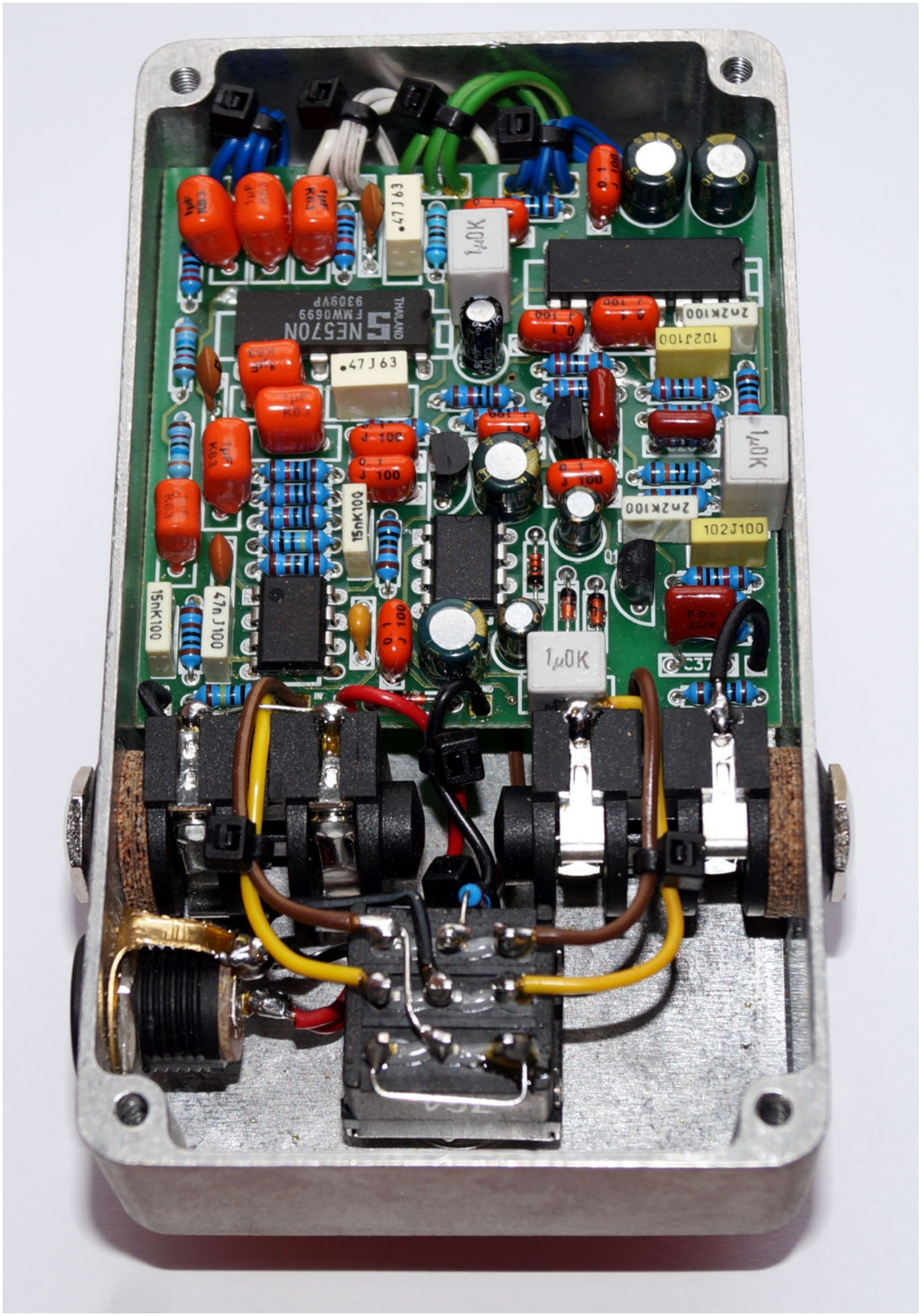
390 x 10Ω = 3,9kΩ

Color	Band 1	Band 2	Band 3	Multiplier	Tolerance
Black	0	0	0	1 Ω	
Brown	1	1	1	10 Ω	1%
Red	2	2	2	100 Ω	2%
Orange	3	3	3	1k Ω	
Yellow	4	4	4	10 kΩ	
Green	5	5	5	100 kΩ	0,5%
Blue	6	6	6	1 MΩ	0,25%
Purple	7	7	7	10 MΩ	0,1%
Gray	8	8	8	100 MΩ	0,05%
White	9	9	9	1 GΩ	
Gold				0,1 Ω	5%
Silver				0,01 Ω	10%

Capacitors markings:

471 = 47 x 10^1 pF = 470pF
472 = 47 x 10^2 pF = 4700pF = 4,7nF
473 = 47 x 10^3 pF = 47000pF = 47nF
474 = 47 x 10^4 pF = 470000pF = 470nF

100pF	100p	100	101
220pF	220p	220	221
4,7nF	4n7	0.0047	472
10nF	10n	0.01	103
100nF	100n	0.1	104
220nF	220n	0.22	224
470nF	470n	0.47	474
1000nF	1uF	1u	105


NE570N
THAILAND
FMW0699
9309VP
.47 J 63
1µ0K
15nK100
47n J 100
102J100
2n2K100