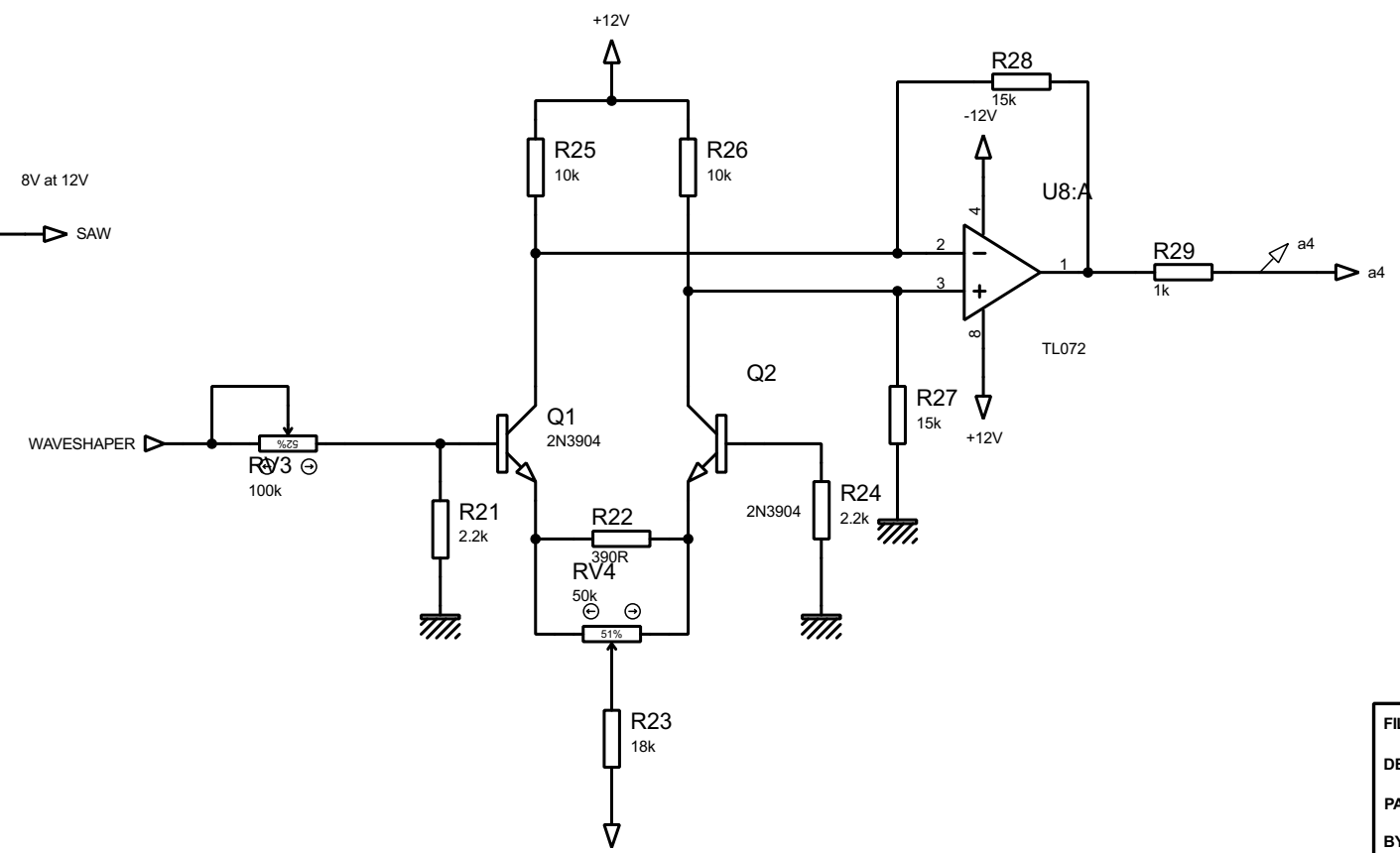
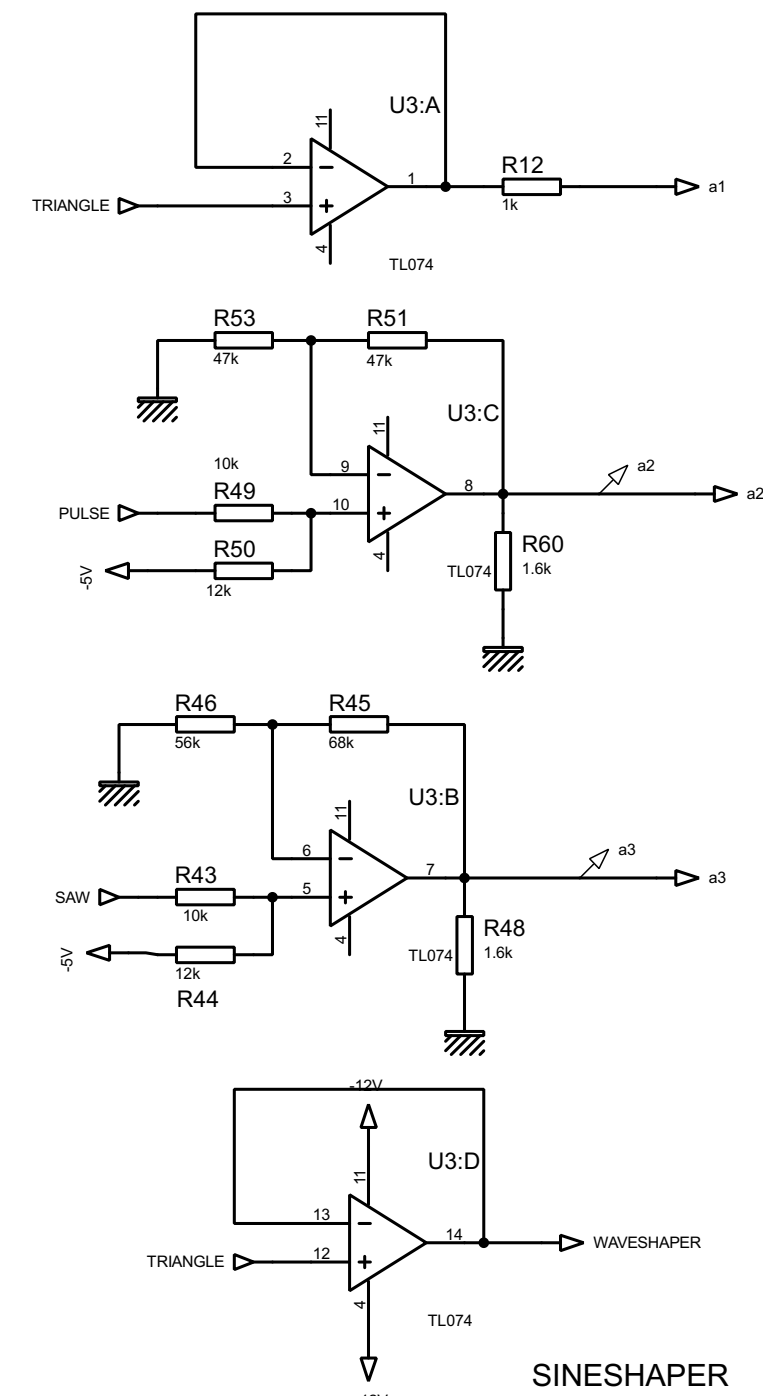
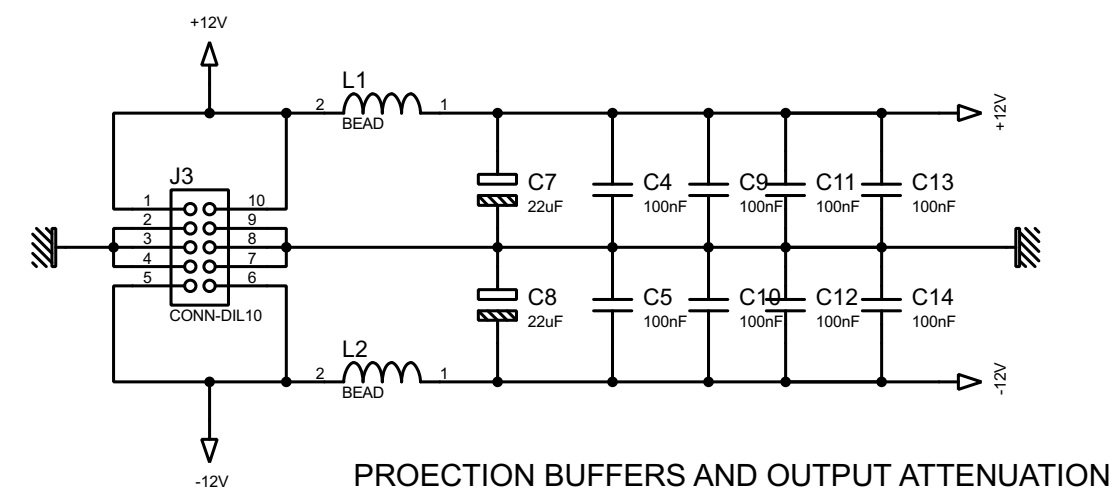
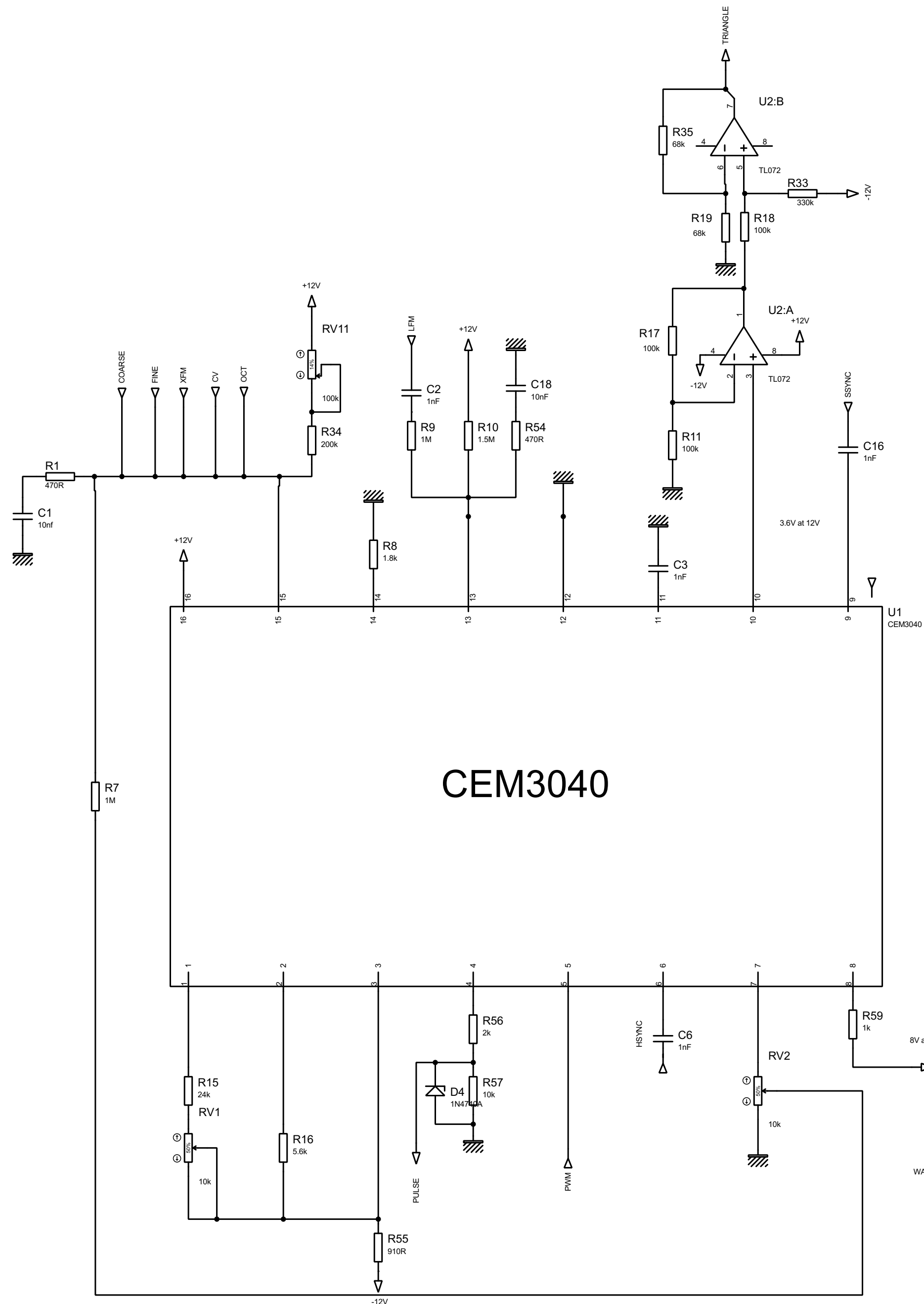
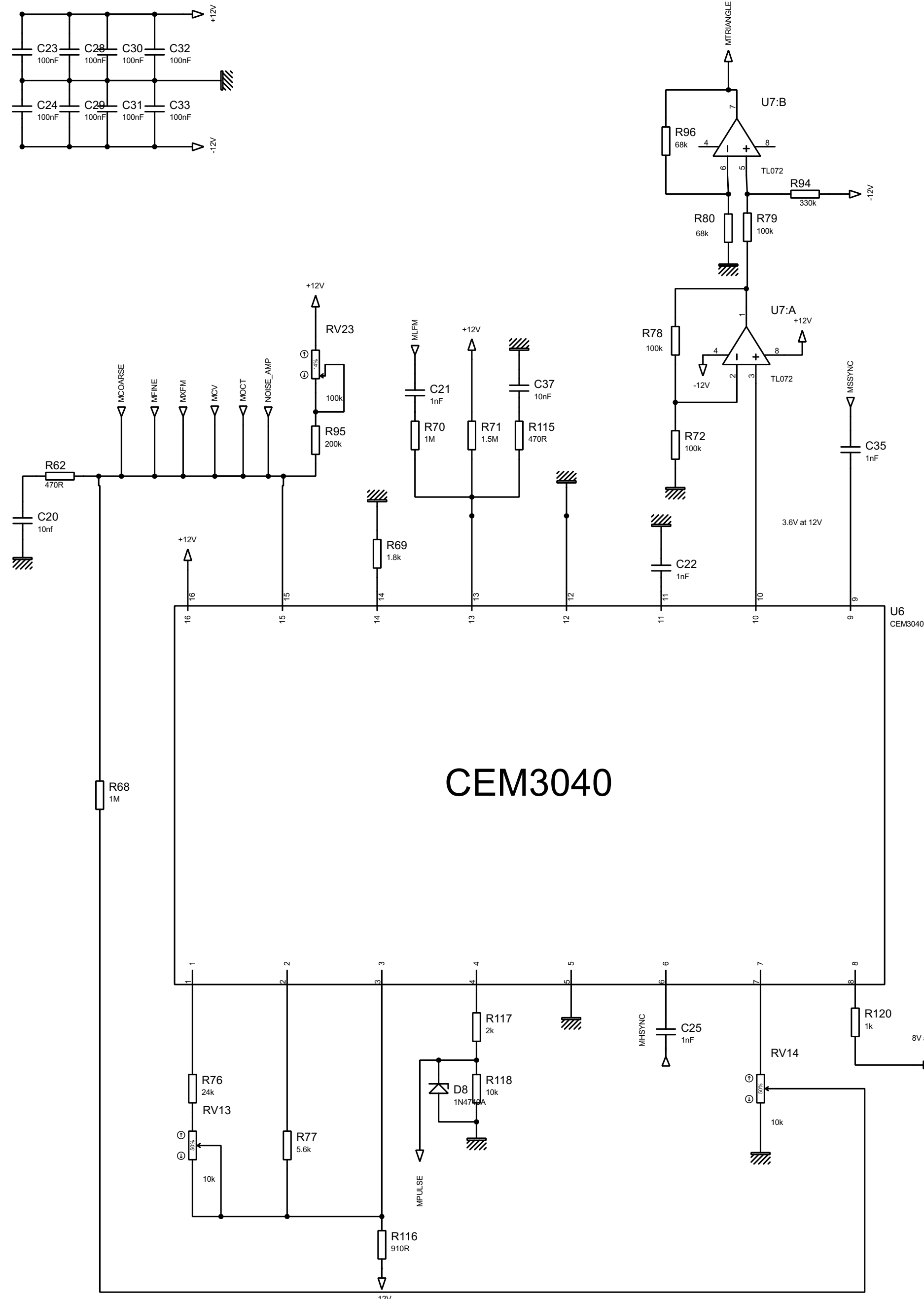


CARRIER

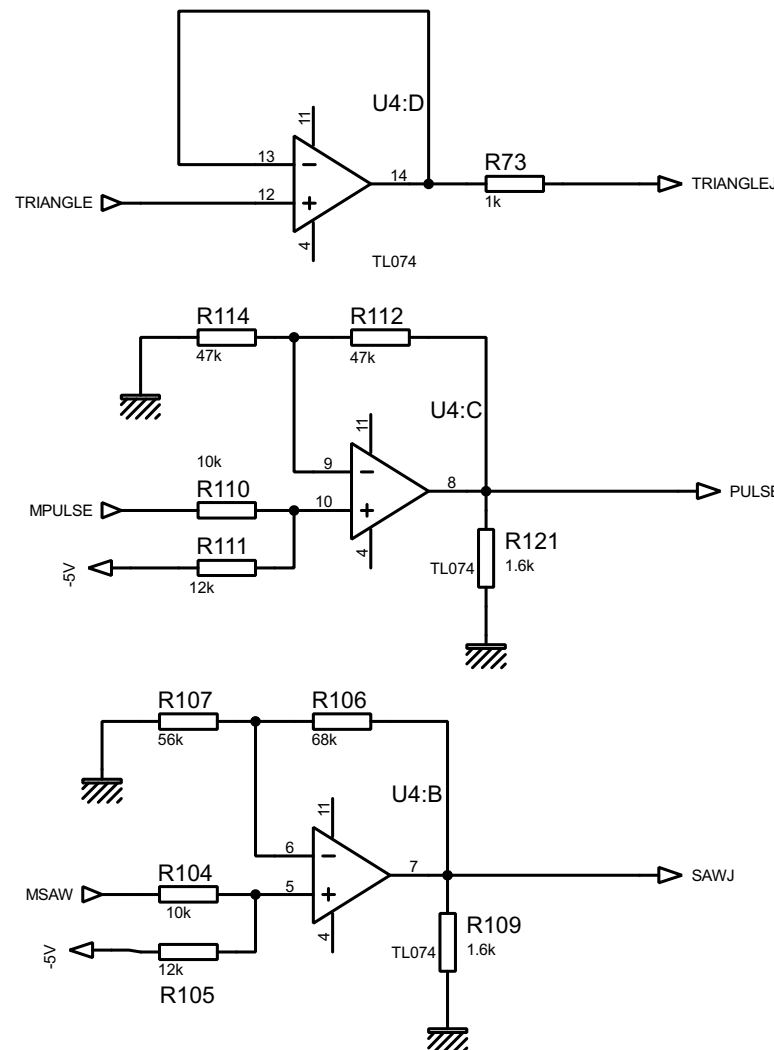


MODULATOR

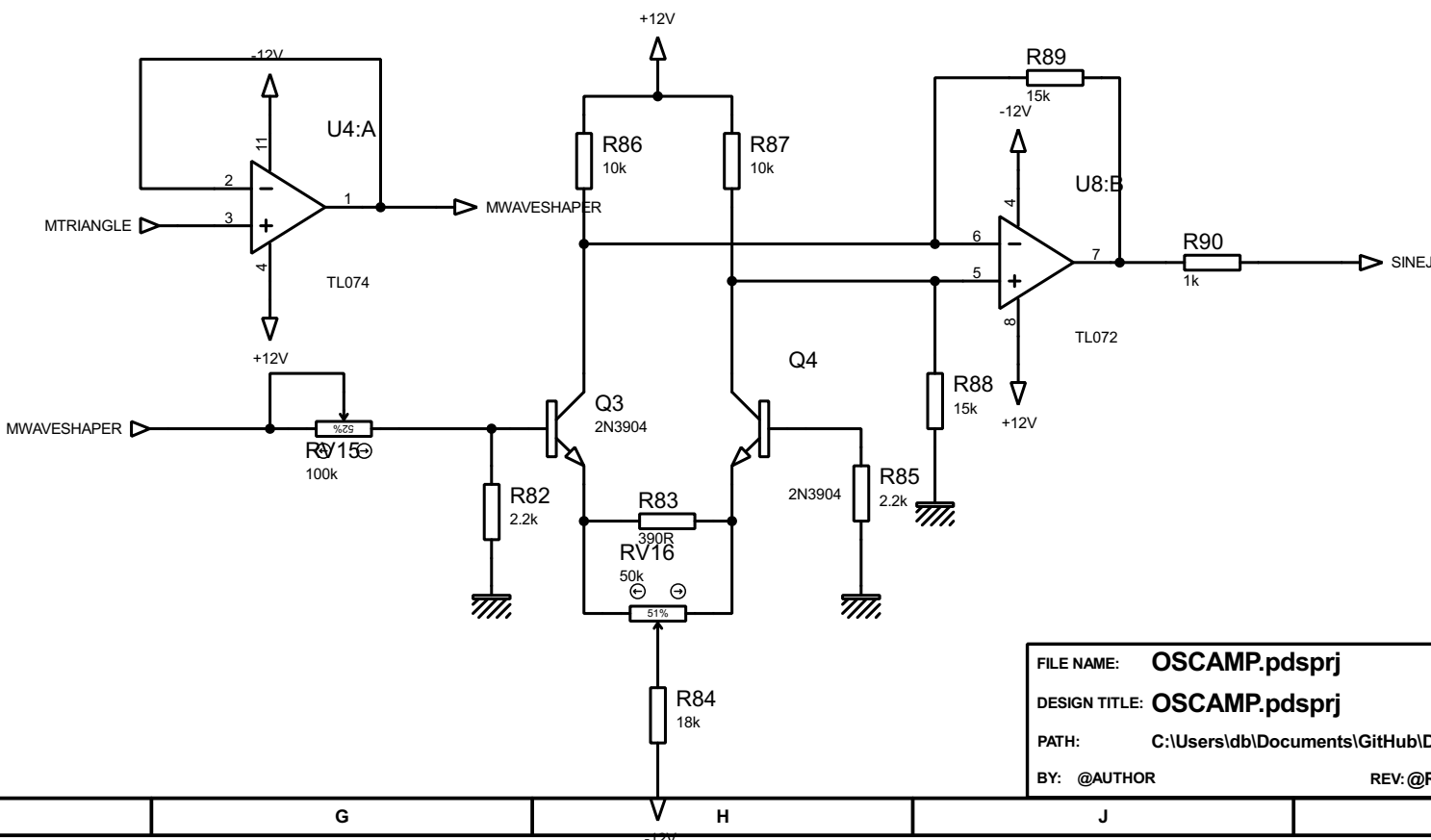


PROECTION BUFFERS AND OUTPUT ATTENUATION

MAYBE ADJUST TO 4VPP FOR SWITCHES



SINESHAPER



PLPCB2

1 COARSE
2 FINE
3 XFM
4 LFM
5 AM
6 HSYNC
7 SSYNC
8 PWM
9 OCT
10 CV
11
12
13
14 MCV
15 MCOARSE
16 MFINE
17 MXFM
18 MLFM
19 MAM
20 MHSYNC
21 MSSYNC
22 MNOISE_POT
23 MNOISE_CV
24 MOCT
25
26
27
28 MOUT
29
30
31 MWAV_SEL1
32 MWAV_SEL2
33 MWAV_SEL3
34 MWAV_SEL4

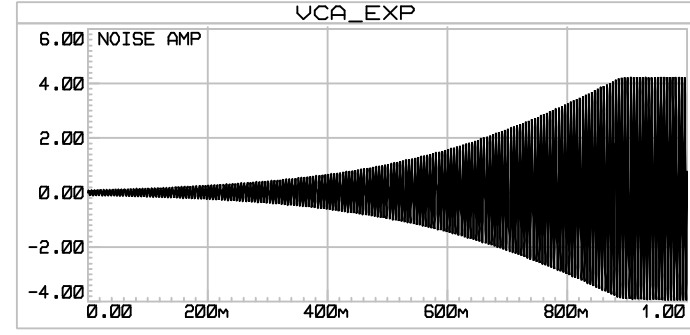
CONN-S34

PLPCB1

1
2 a1
3
4 a2
5
6 a3
7
8 a4
9
10
11
12
13 OUT
14
15 NOISE
16
17
18 TIMBRE
19
20
21
22
23
24
25
26
27
28 -5V
29
30
31 +5V
32
33
34 +12V +12V

S34

CONN-S34



Replace with DG42x or SSM or CMOS

MSINE

MWAV_SEL1

U9

DG417

IN

V+

V-

S

D

4

7

8

6

1

MTRIANGLE

MWAV_SEL2

U11

DG417

IN

V+

V-

S

D

4

7

8

6

1

MSAW

MWAVE_SEL3

U12

DG417

IN

V+

V-

S

D

4

7

8

6

1

MPULSE

MWAV_SEL4

U13

DG417

IN

V+

V-

S

D

4

7

8

6

1

R52

10k

R58

10k

R66

10k

R67

10k

R74

10k

R75

47k

R81

1k

U14:A

TL072

3

2

1

5

4

MOU

+12V12V

GROUND

[illegible]