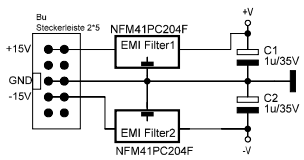
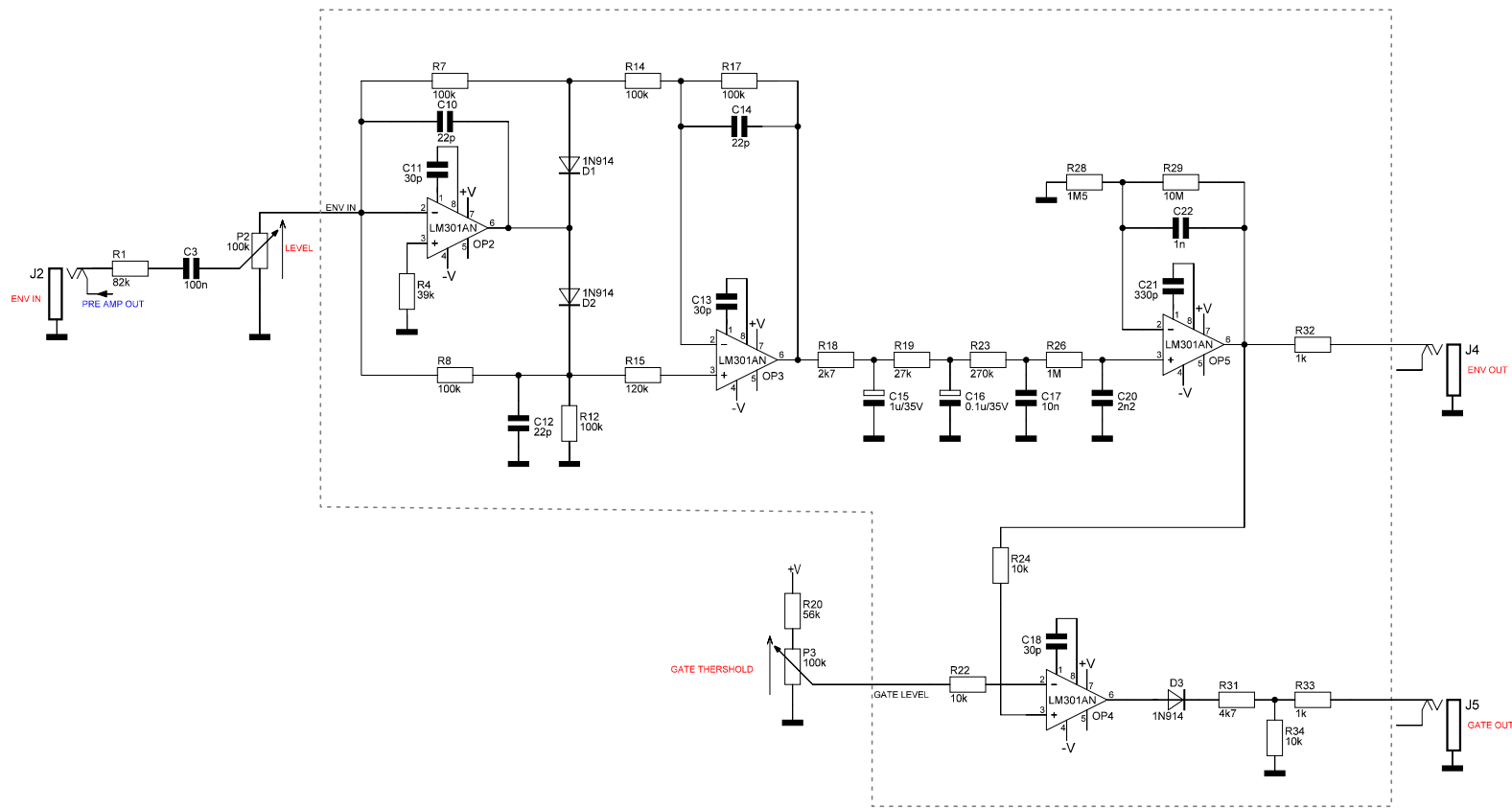
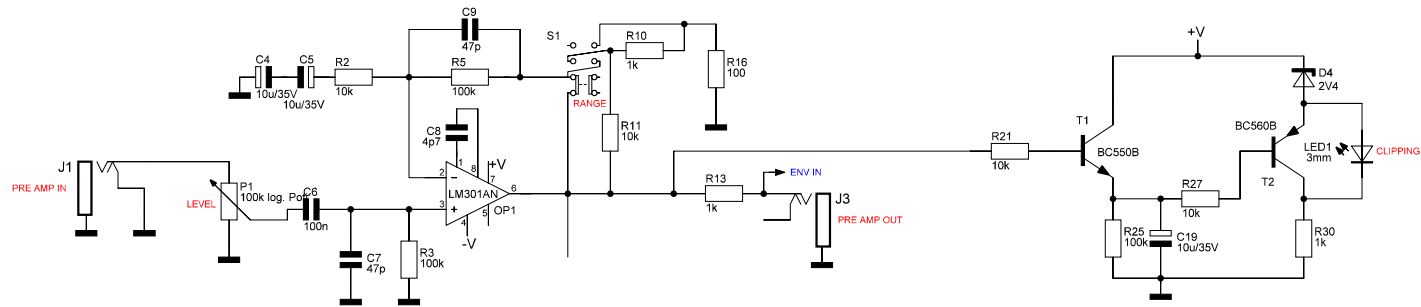


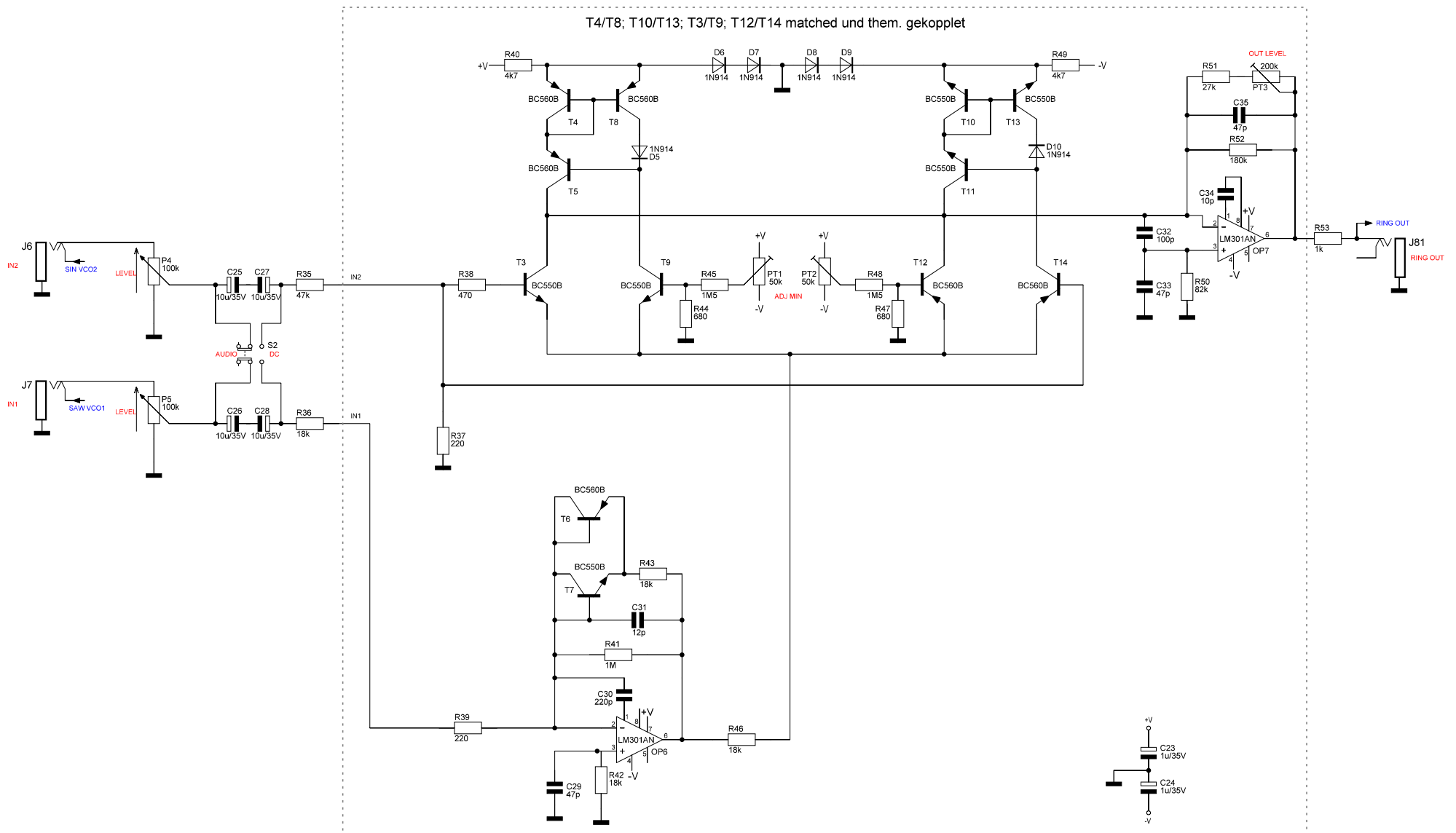
Schaltpläne

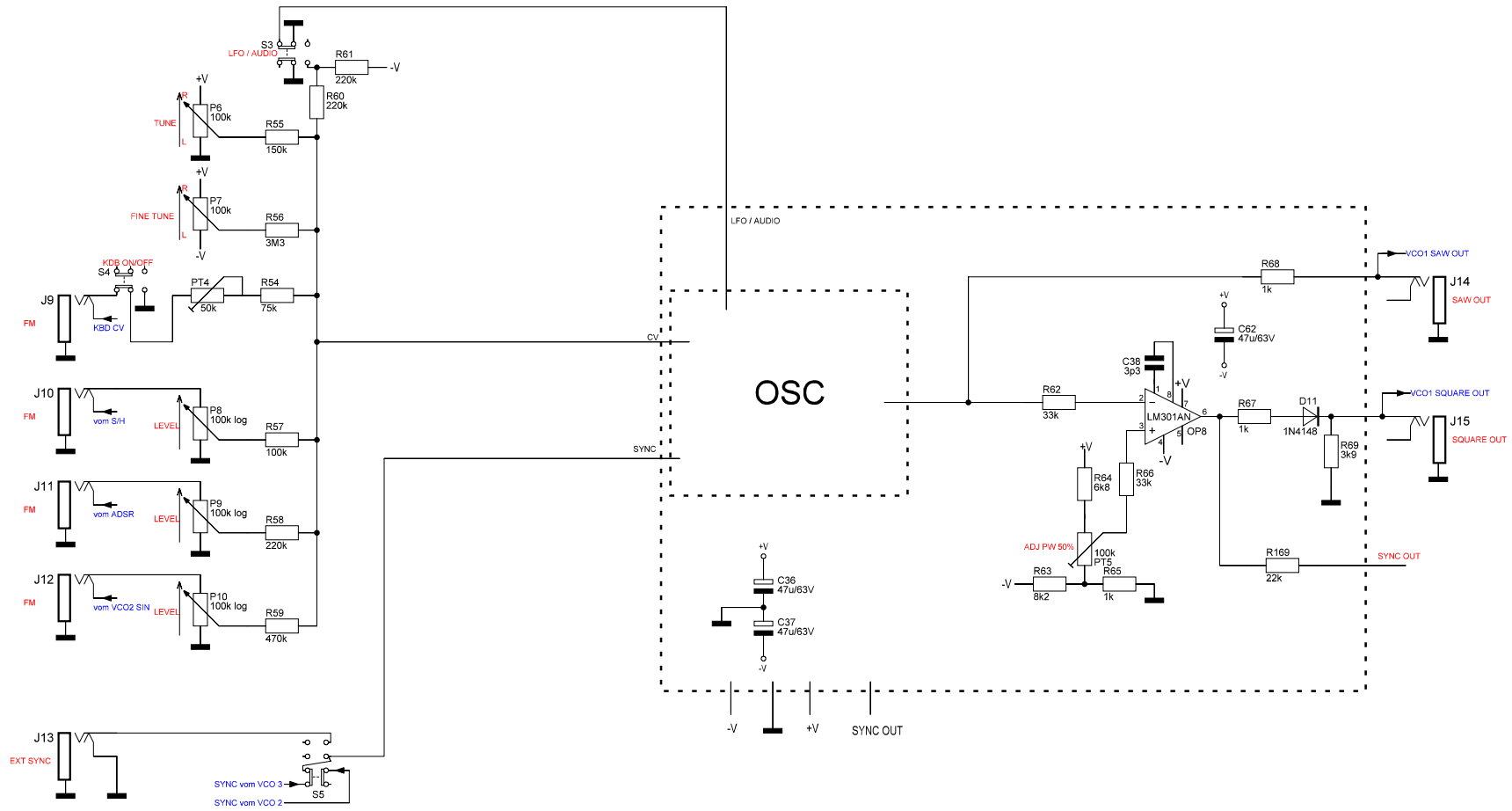


Version 1.0 - 03.10.18

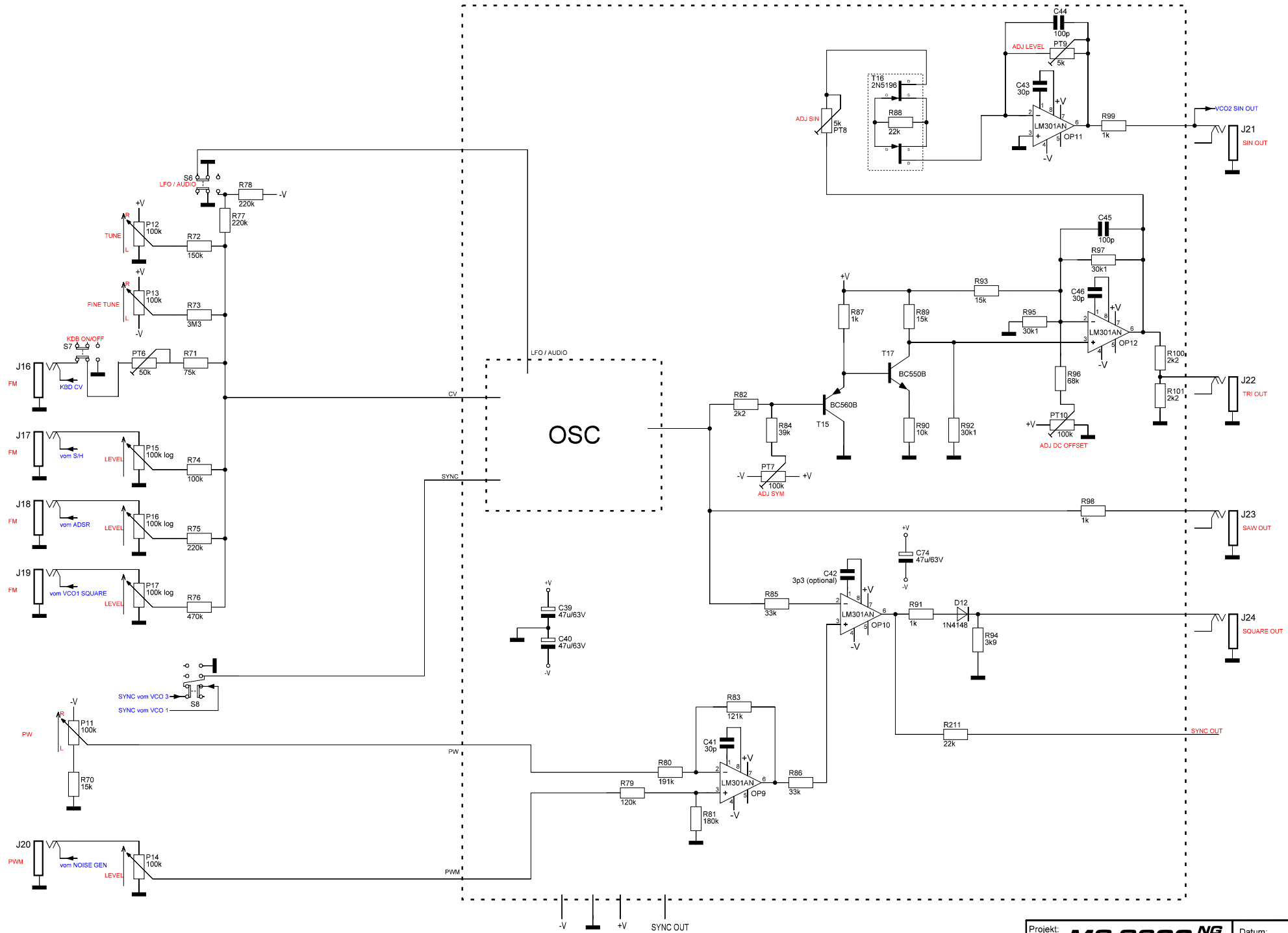


Projekt:	MS 2600 NG	Datum:	16.03.2017
Modul:	PRE-AMP & ENVELOPE FOLLOWER		

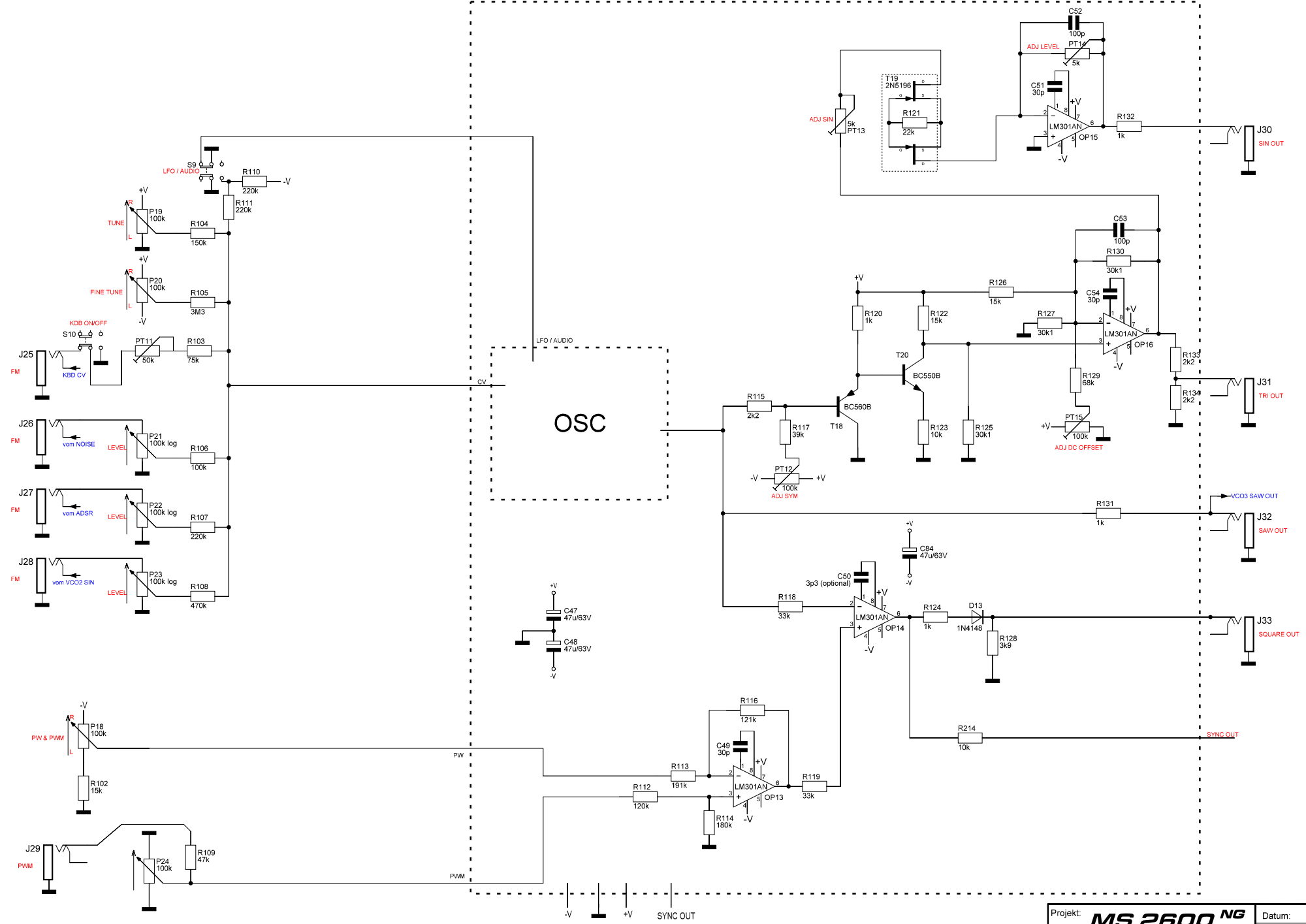




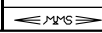
Projekt:	MS 2600 NG	Datum:	10.04.2017
Modul:	VCO1		



Projekt:	MS 2600 NG	Datum:	10.04.2017
Modul:	VCO2		

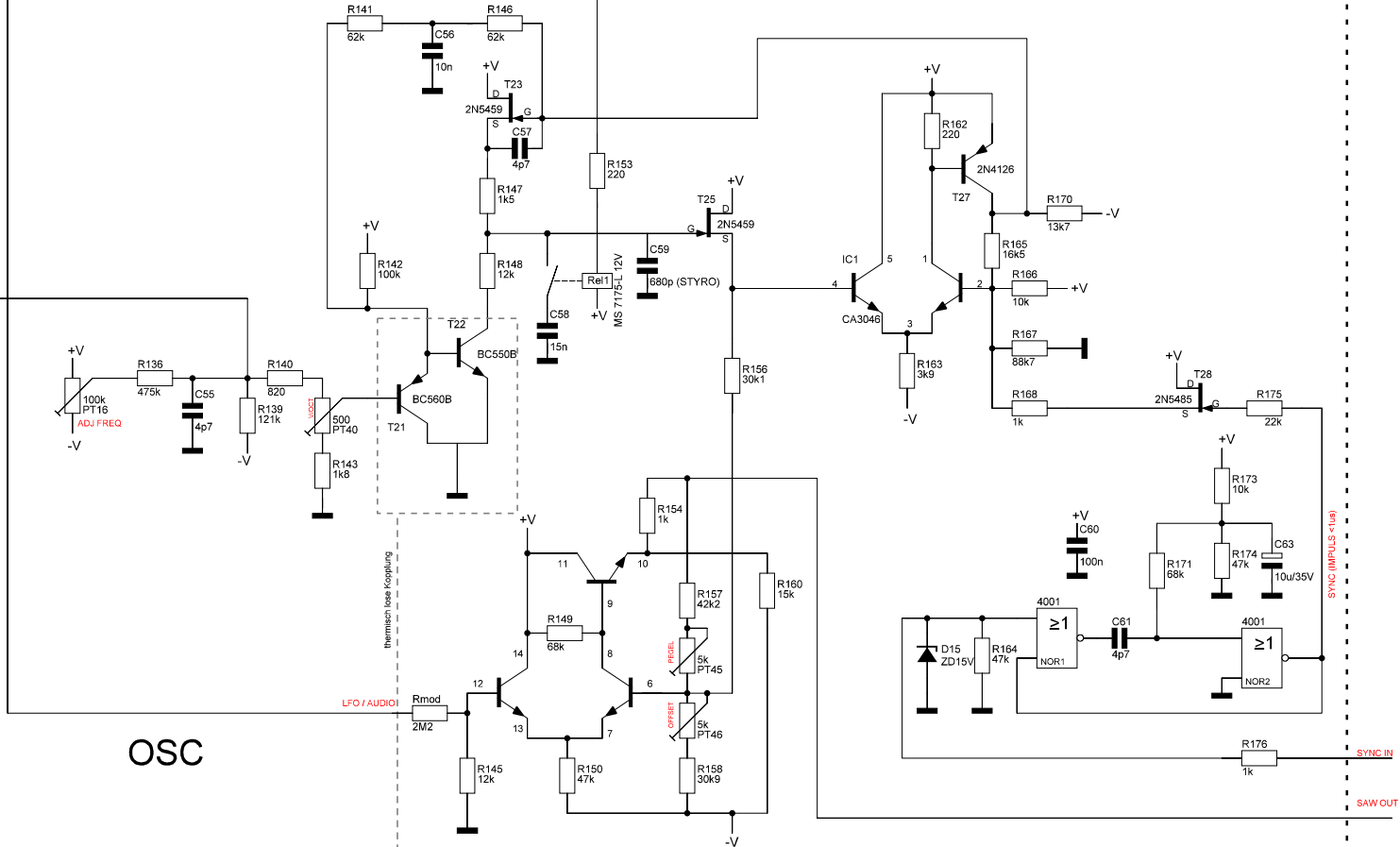


Projekt:	MS 2600 NG	Datum:	10.04.2017
Modul:	VCO3		



LFO / AUDIO

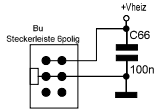
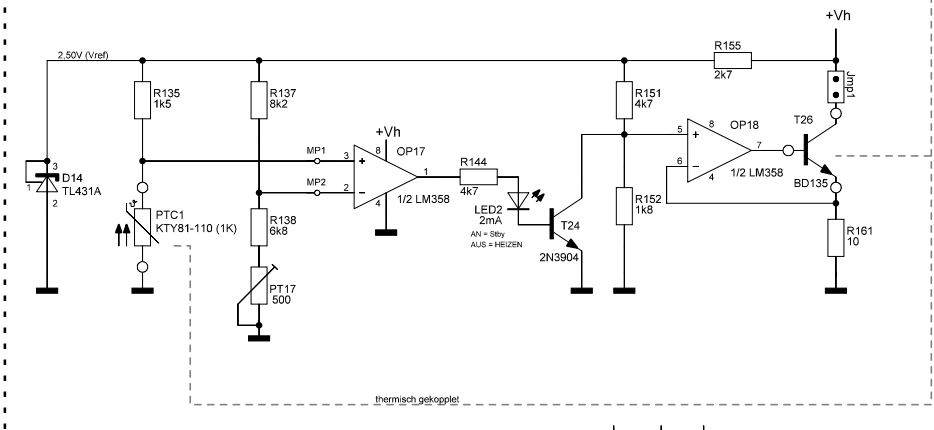
CV



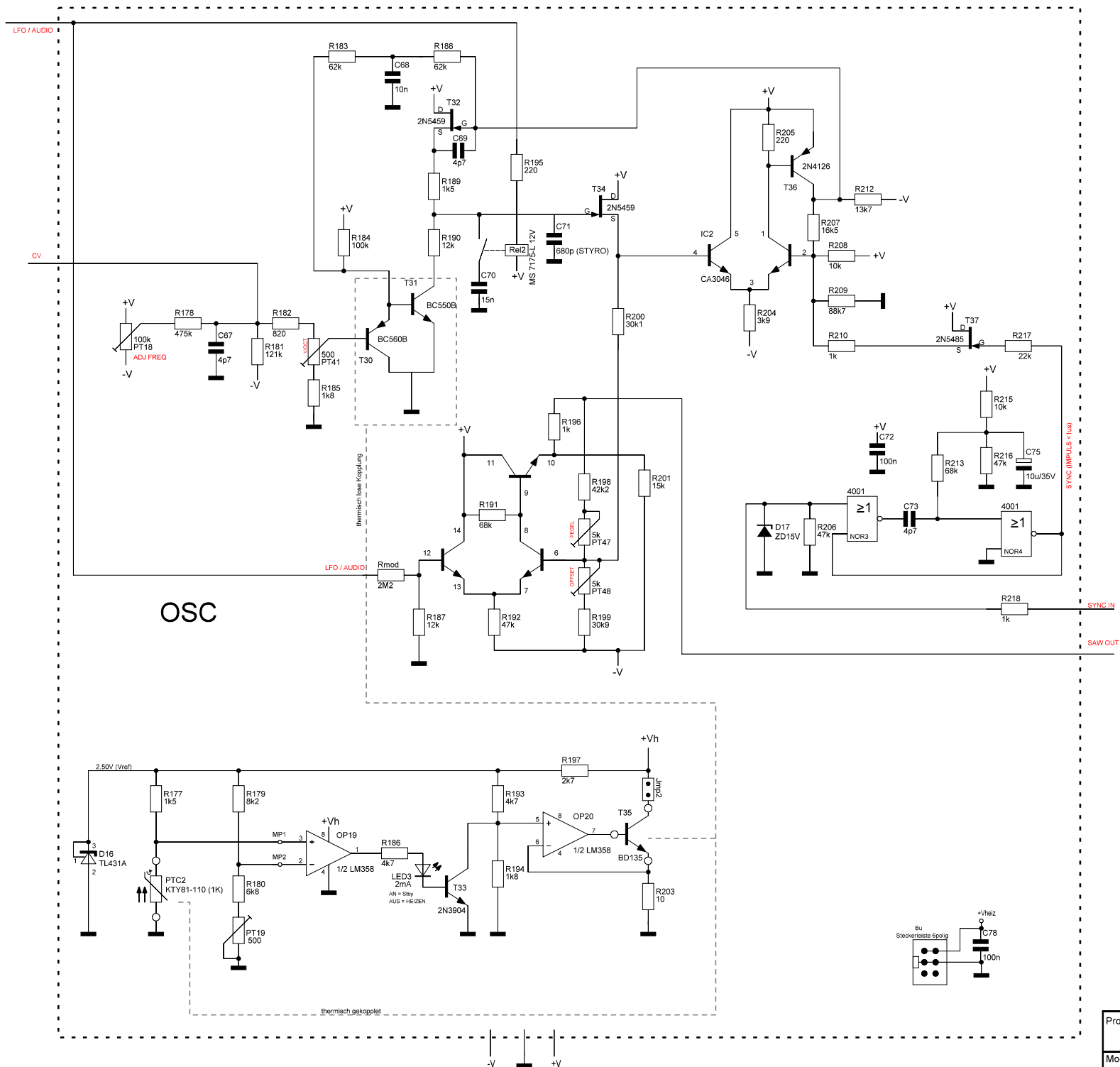
OSC

thermisch base kopplung

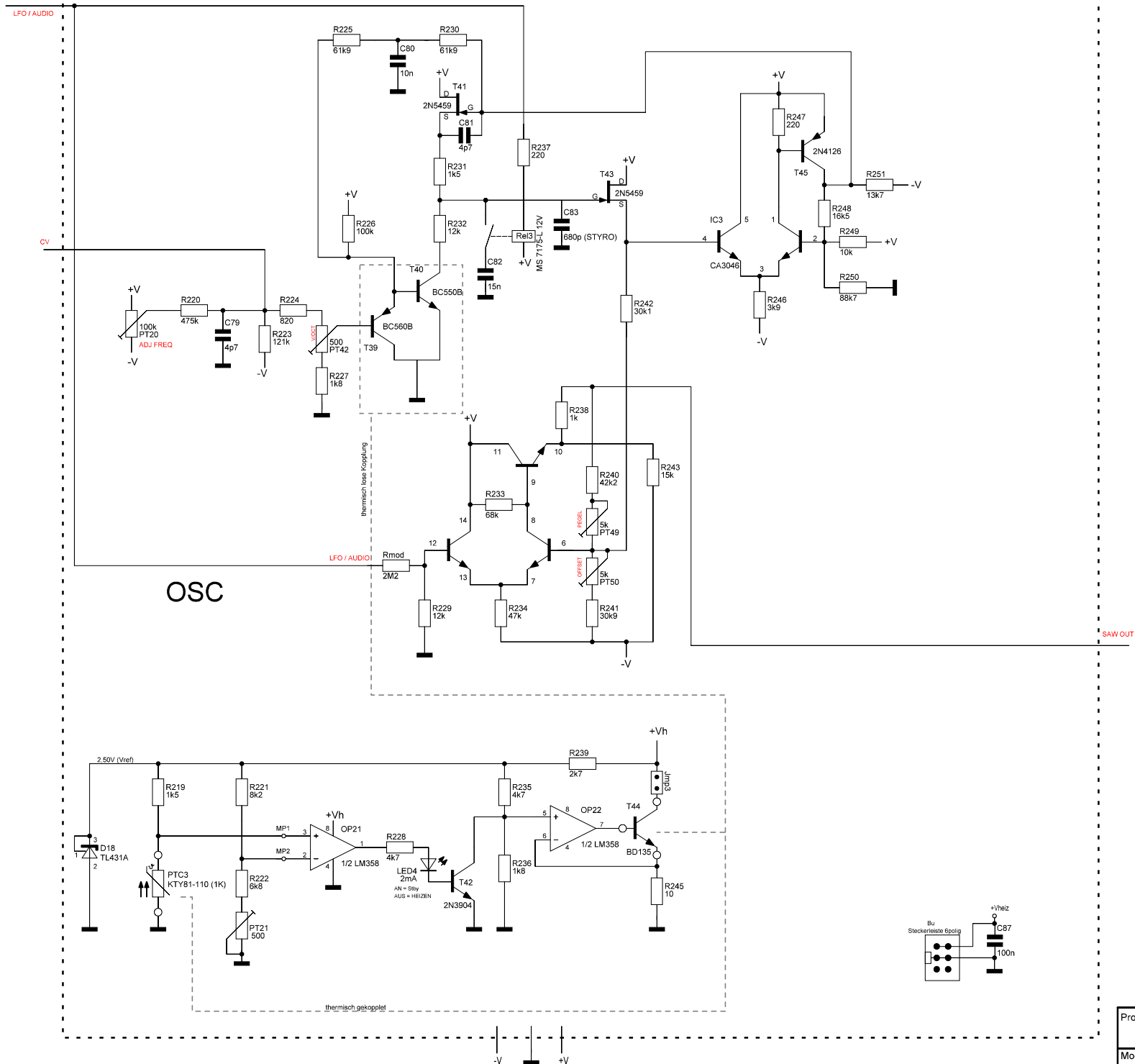
thermisch gekoppelt



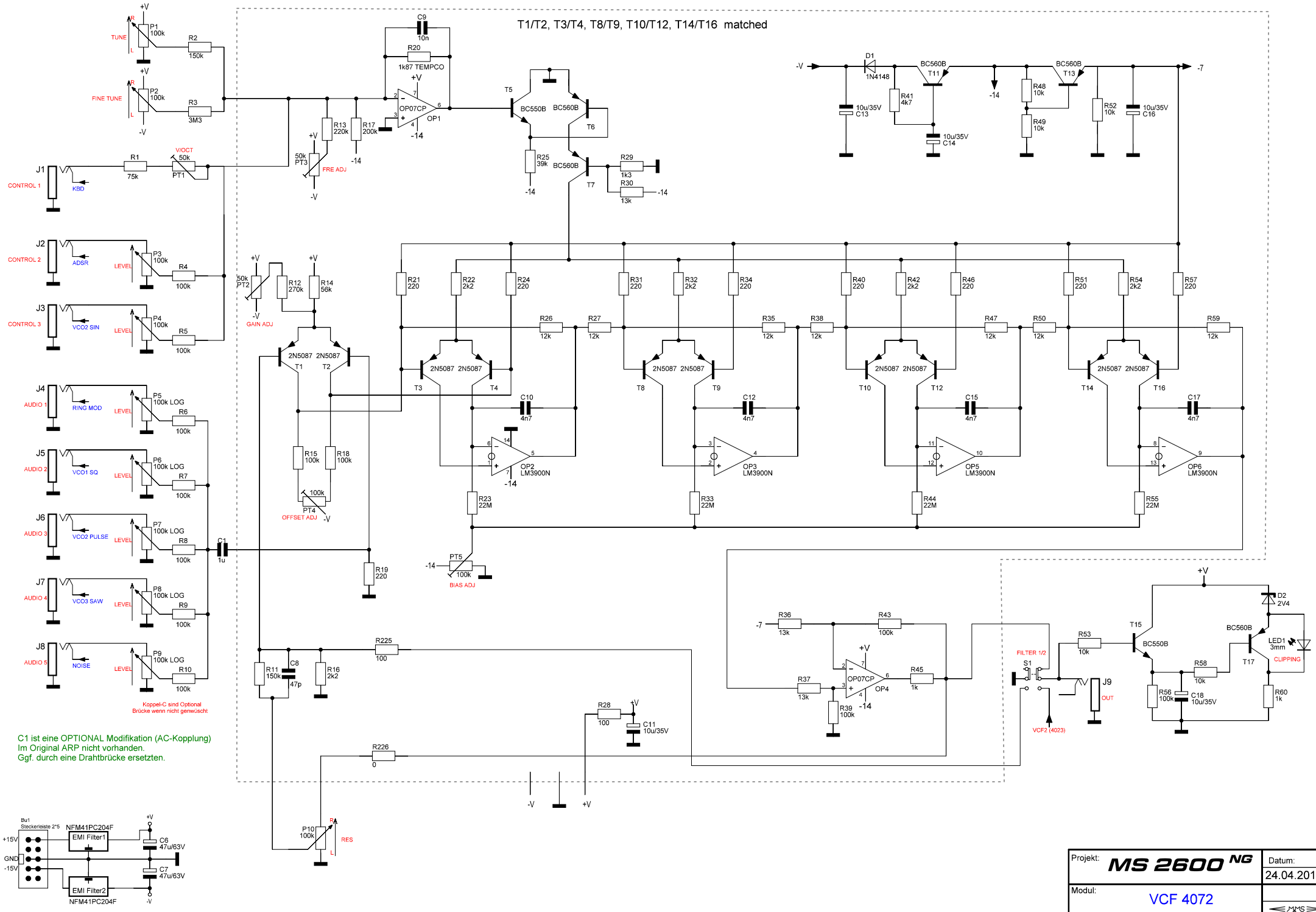
Projekt:	MS 2600 NG	Datum:	10.04.2017
Modul:	OSC für VCO1		



Projekt:	MS 2600 NG	Datum:	10.04.2017
Modul:	OSC für VCO2		



Projekt:	MS 2600 NG	Datum:	10.04.2017
Modul:	OSC für VCO 3		

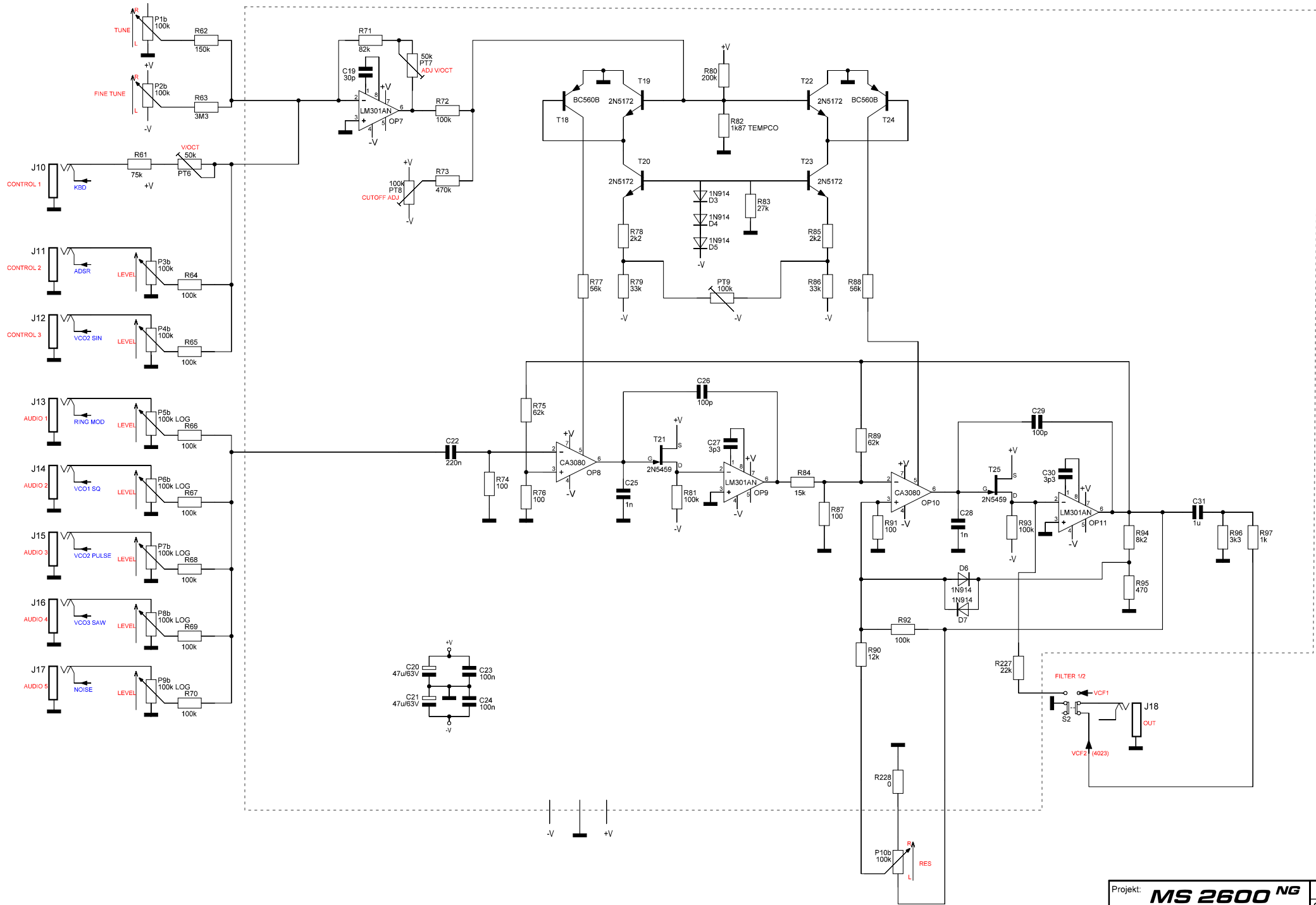


T1/T2, T3/T4, T8/T9, T10/T12, T14/T16 matched

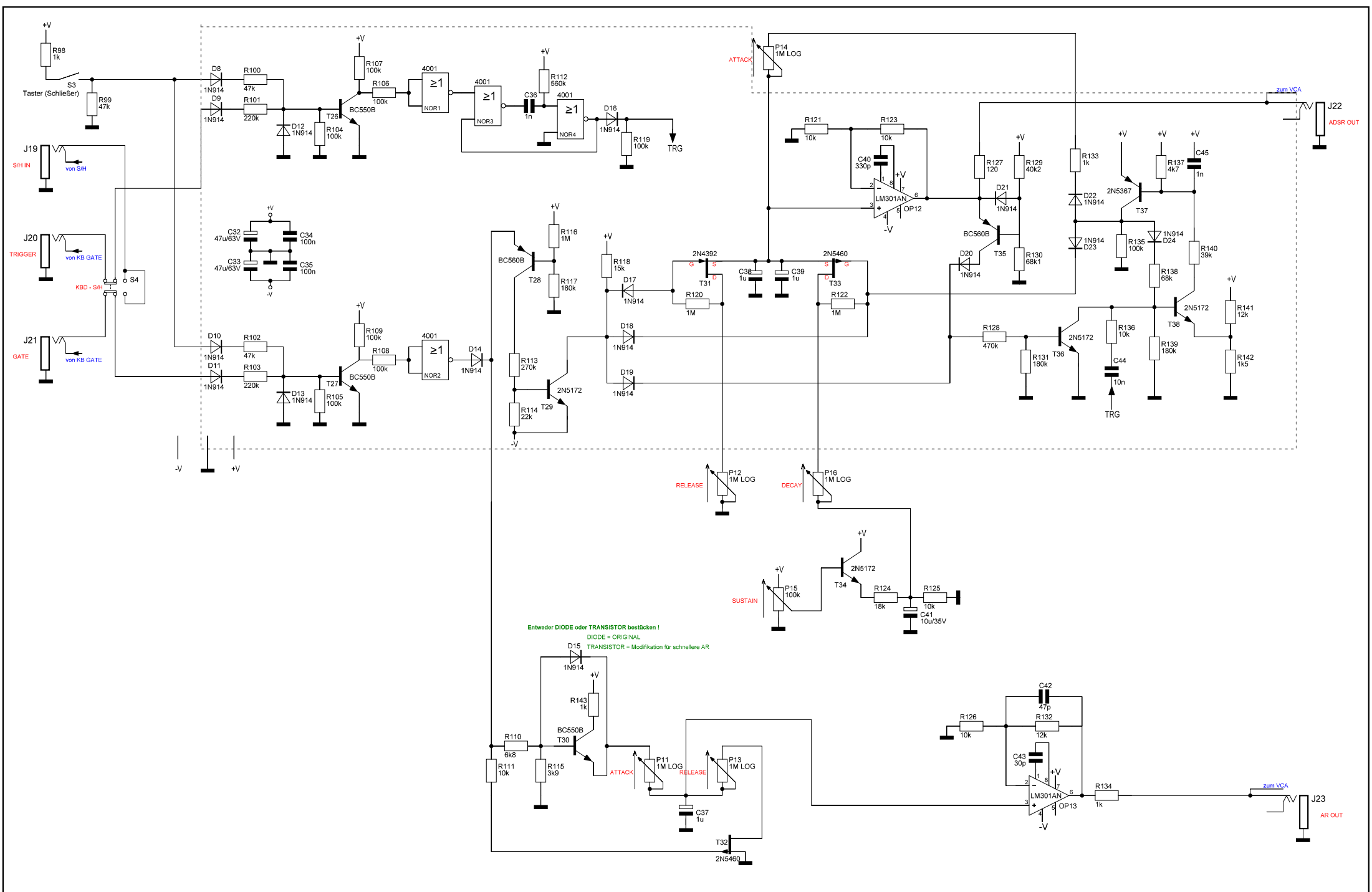
C1 ist eine OPTIONAL Modifikation (AC-Kopplung) Im Original ARP nicht vorhanden. Ggf. durch eine Drahtbrücke ersetzen.

Koppel-C sind Optional Brücke wenn nicht gewünscht

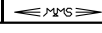
Projekt:	MS 2600 NG	Datum:	24.04.2017
Modul:	VCF 4072		

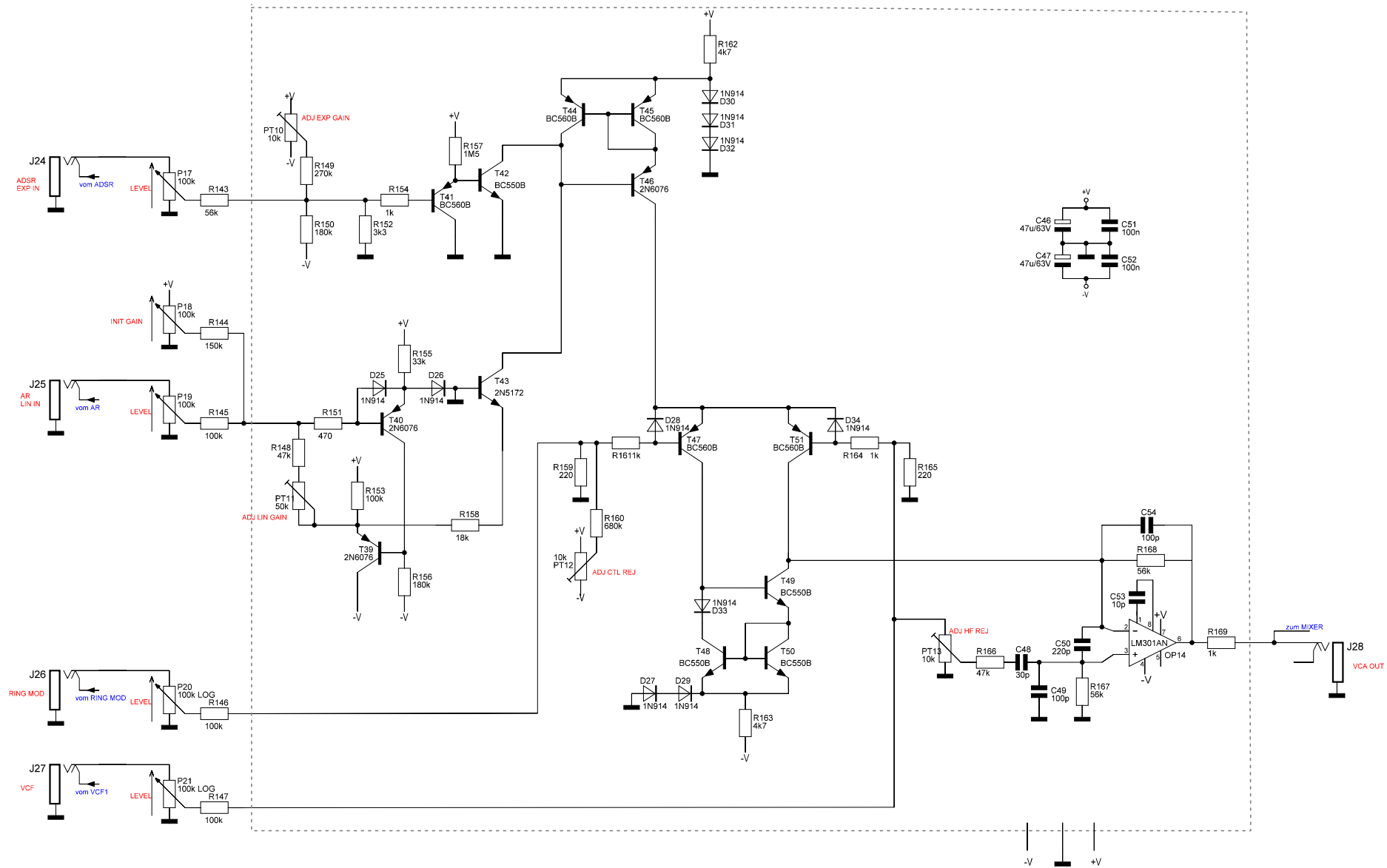


Projekt:	MS 2600 NG	Datum:	24.04.2017
Modul:	VCF 4023		

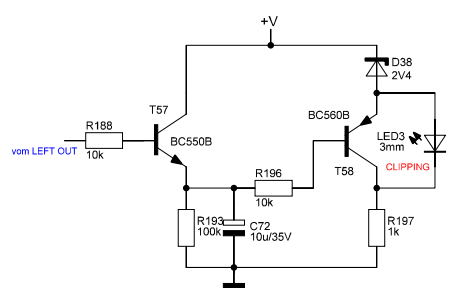
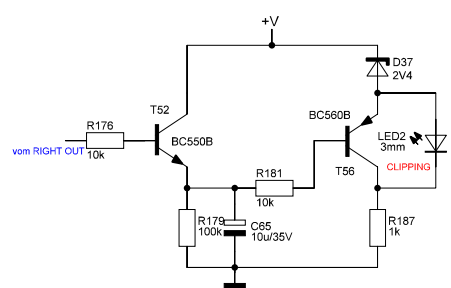
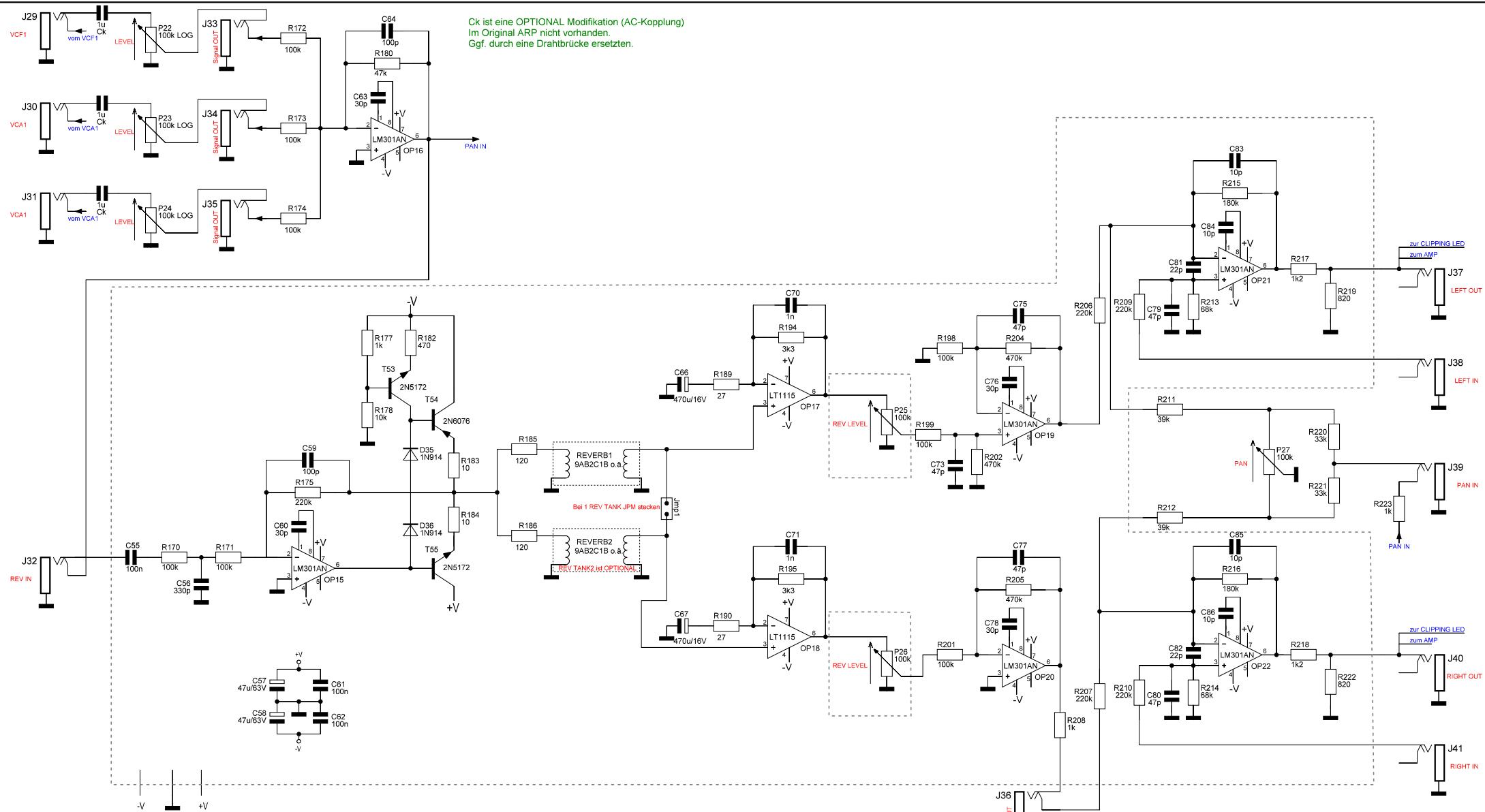


Projekt:	MS 2600 NG	Datum:	09.07.2017
Modul:	ADSR/AR (4020)		

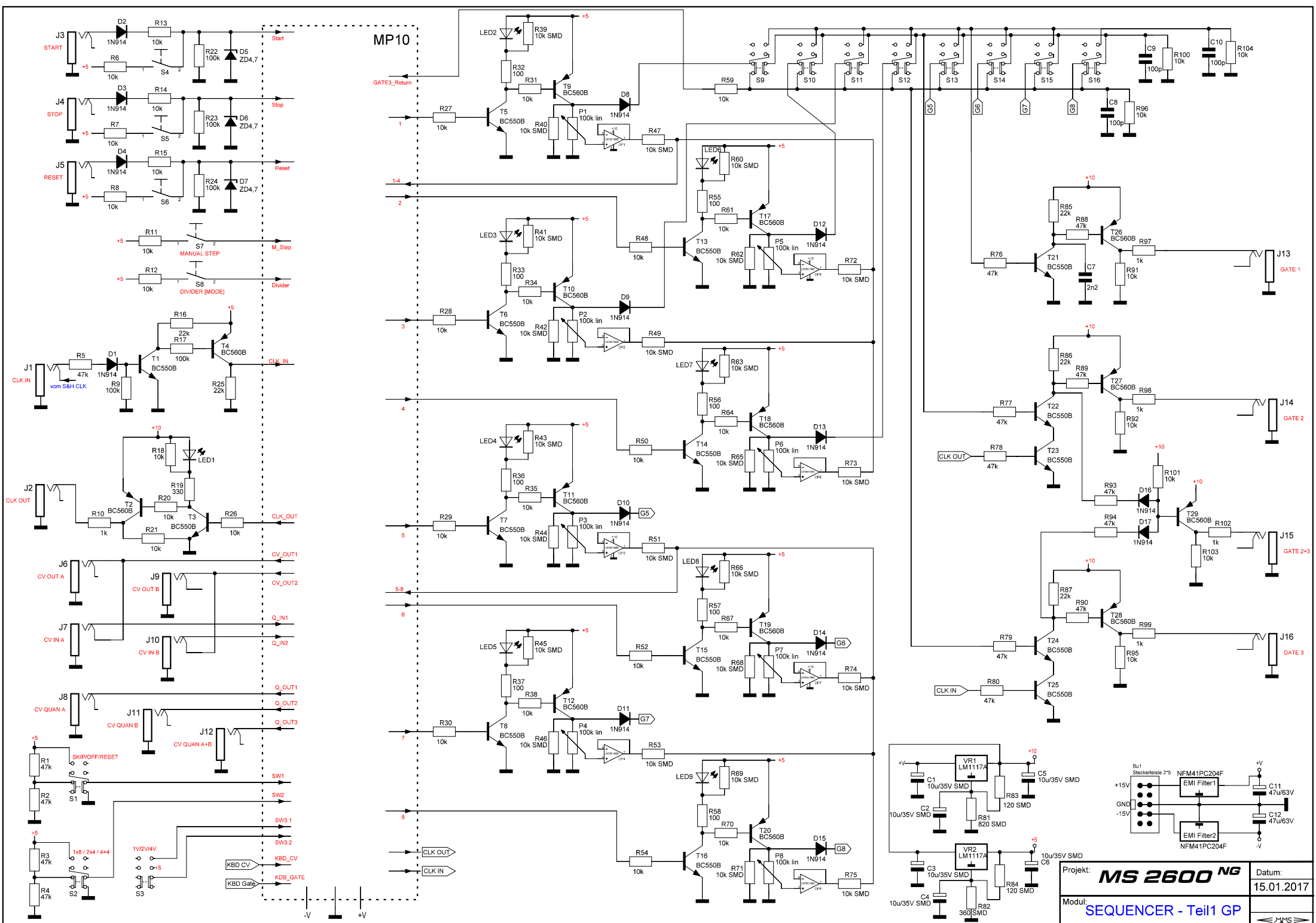




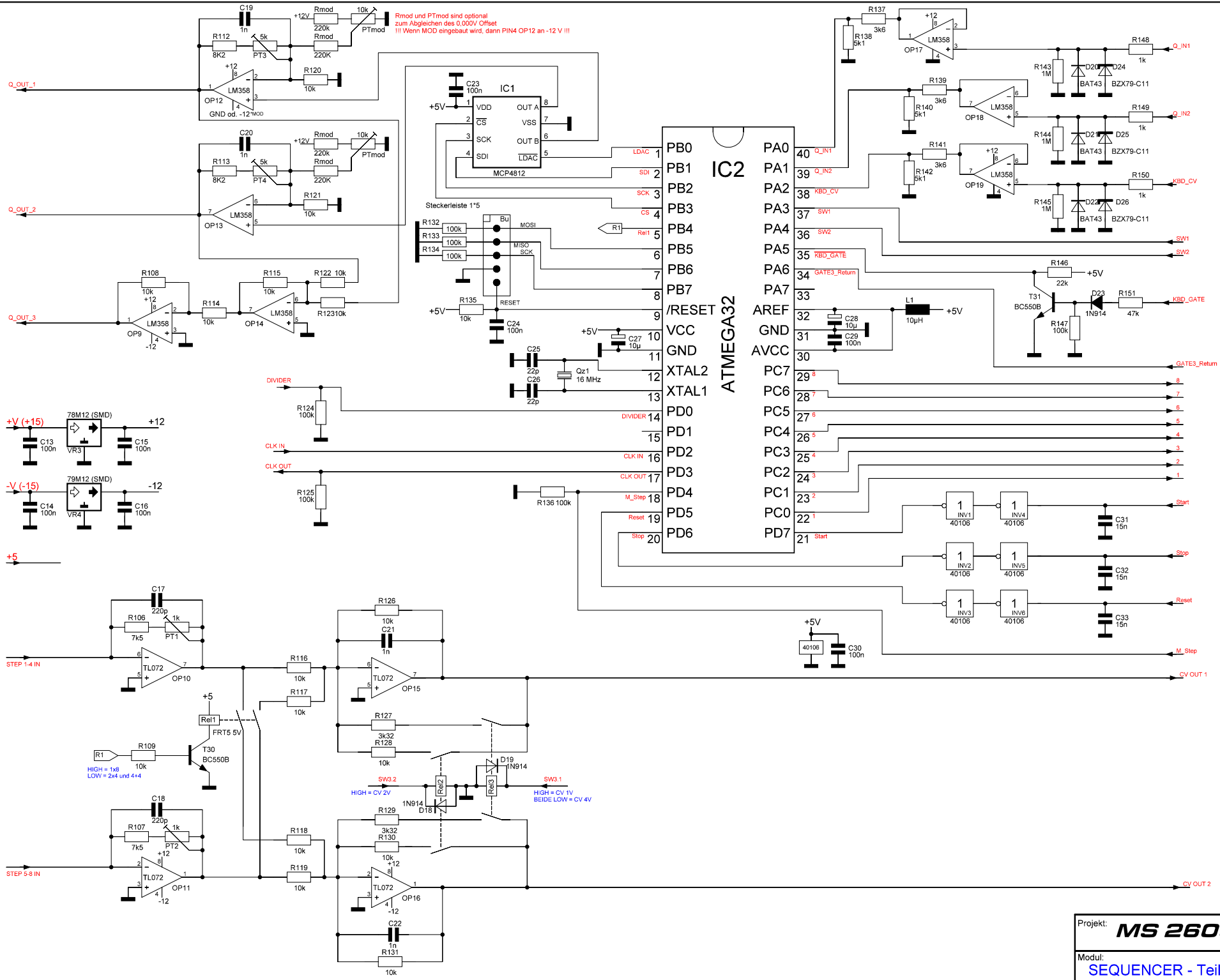
Projekt:	MS 2600 NG	Datum:	09.07.2017
Modul:	VCA (4019)		



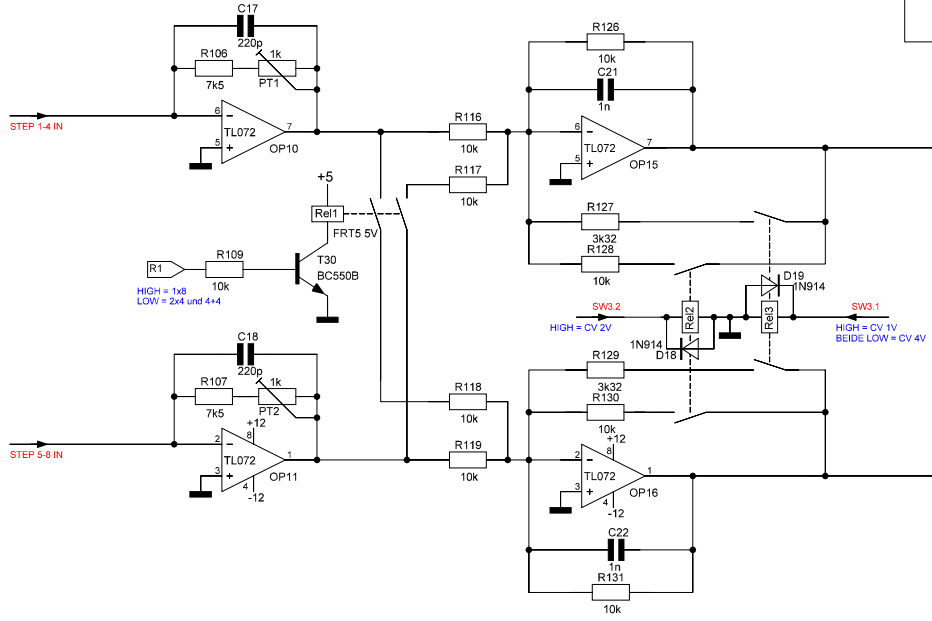
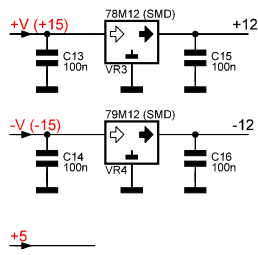
Projekt:	MS 2600 NG	Datum:	09.07.2017
Modul:	MIXER und REVERB		

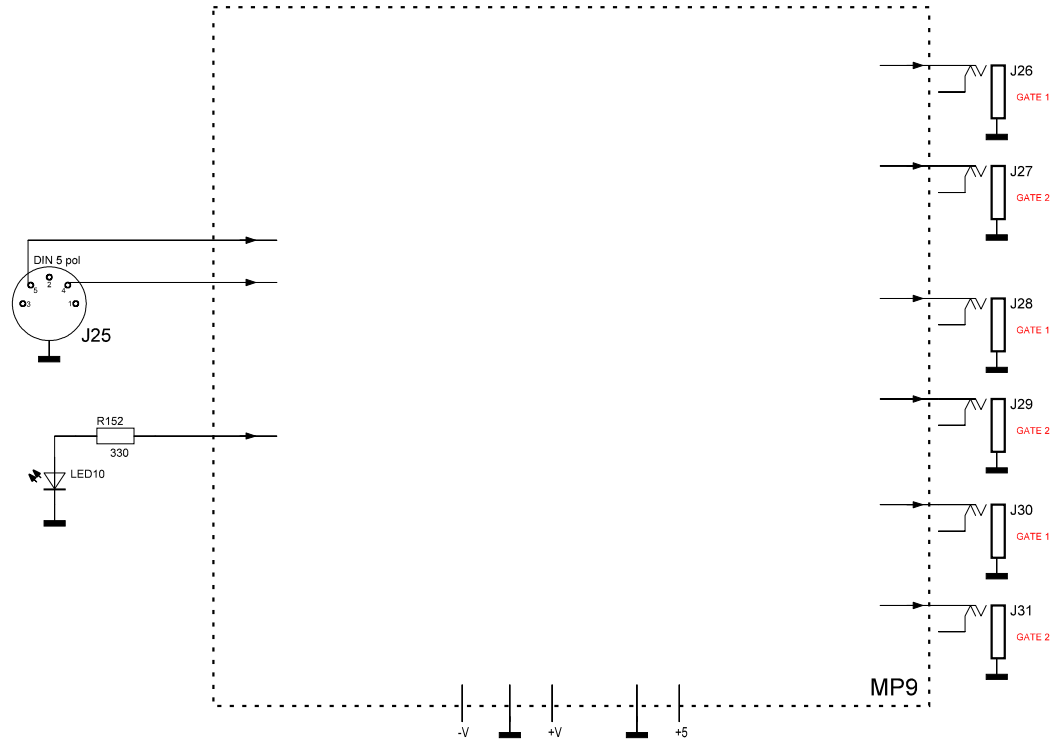
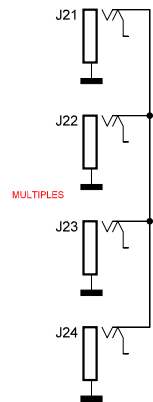
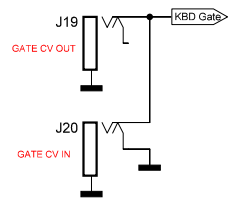
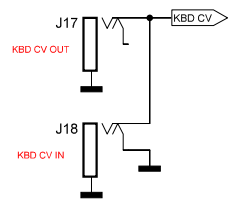


Projekt:	MS 2600 NG	Datum:	15.01.2017
Modul:	SEQUENCER - Teil1 GP		

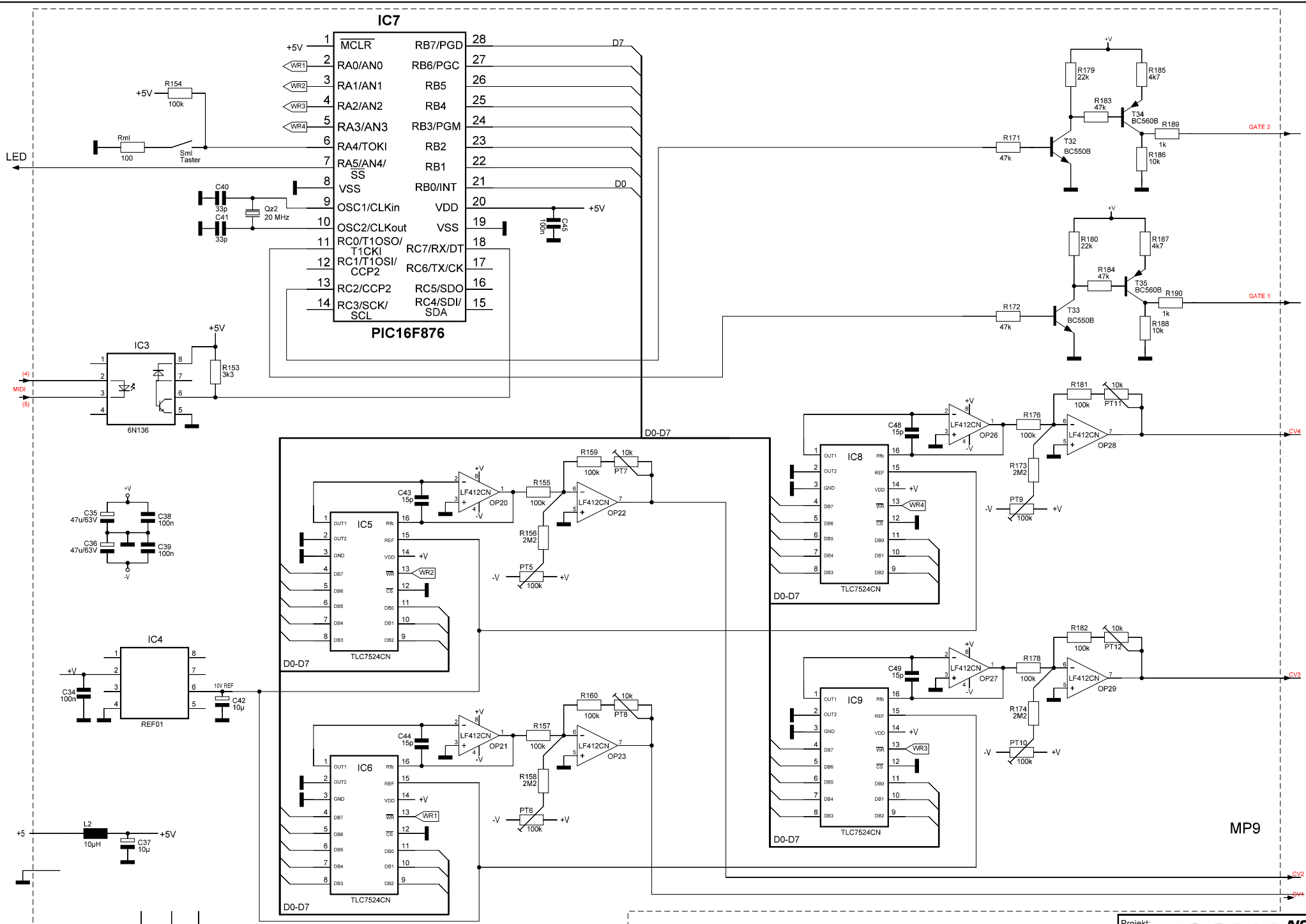


Rmod und PTmod sind optional zum Abgleichen des 0,000V Offset !!! Wenn MOD eingebaut wird, dann PIN4 OP12 an -12V !!!

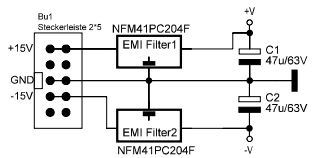
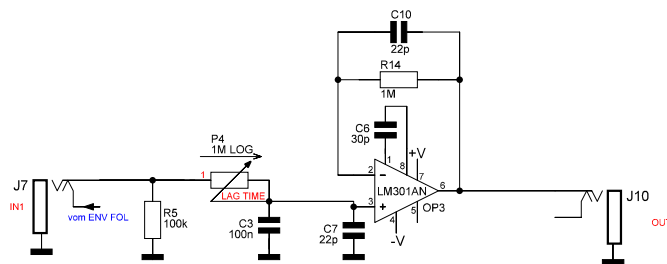
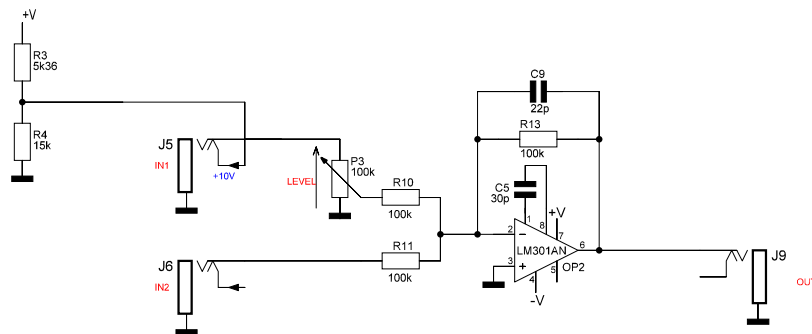
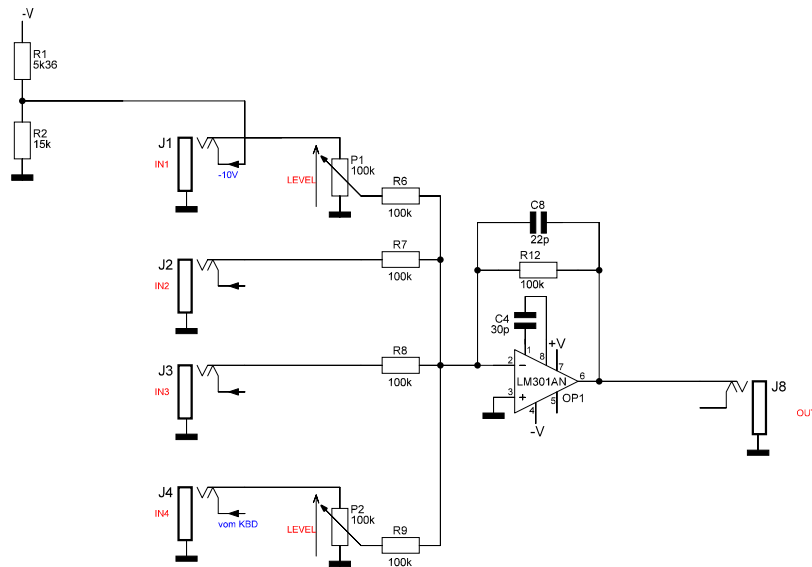




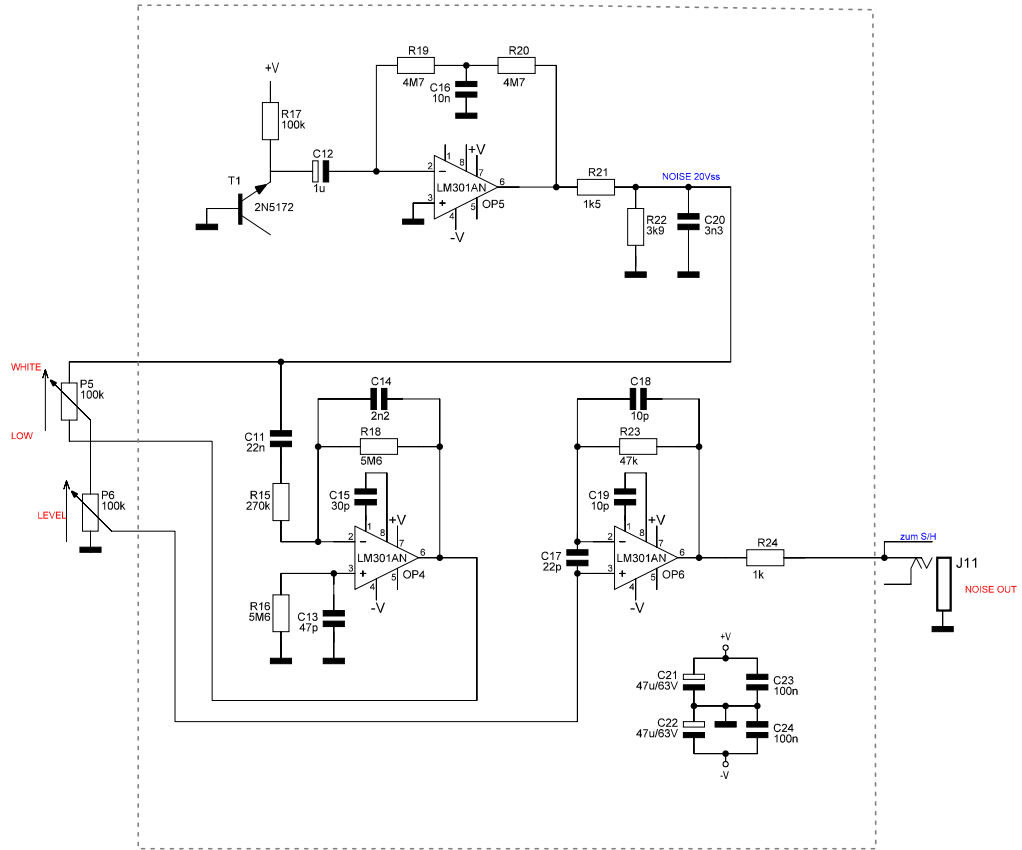
Projekt:	MS 2600^{NG}	Datum:	15.01.2017
Modul:	MIDI - Teil 1 GP		



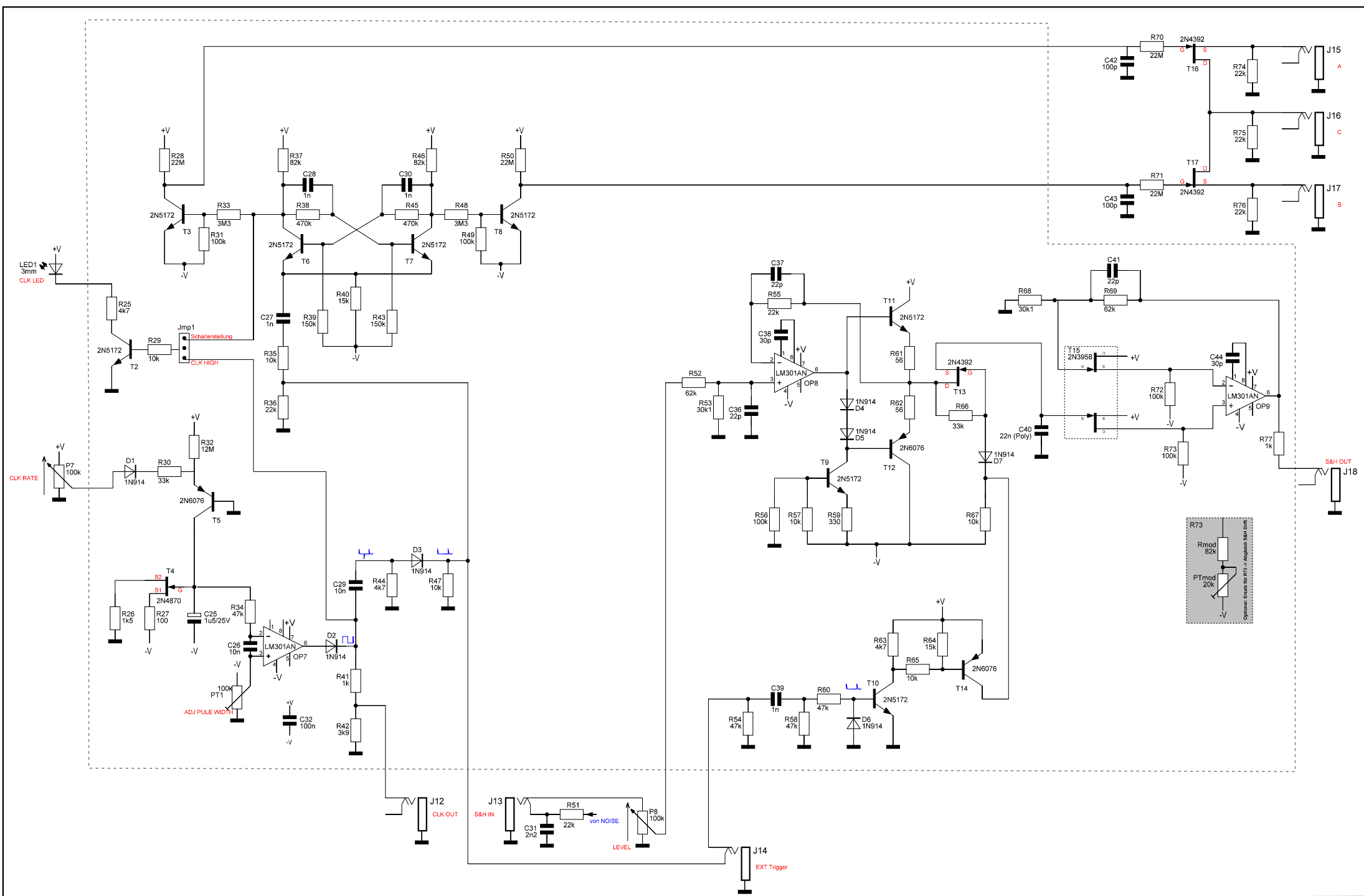
Projekt:	MS 2600 NG	Datum:	14.10.2018
Modul:	MIDI - Teil 2 MP9		



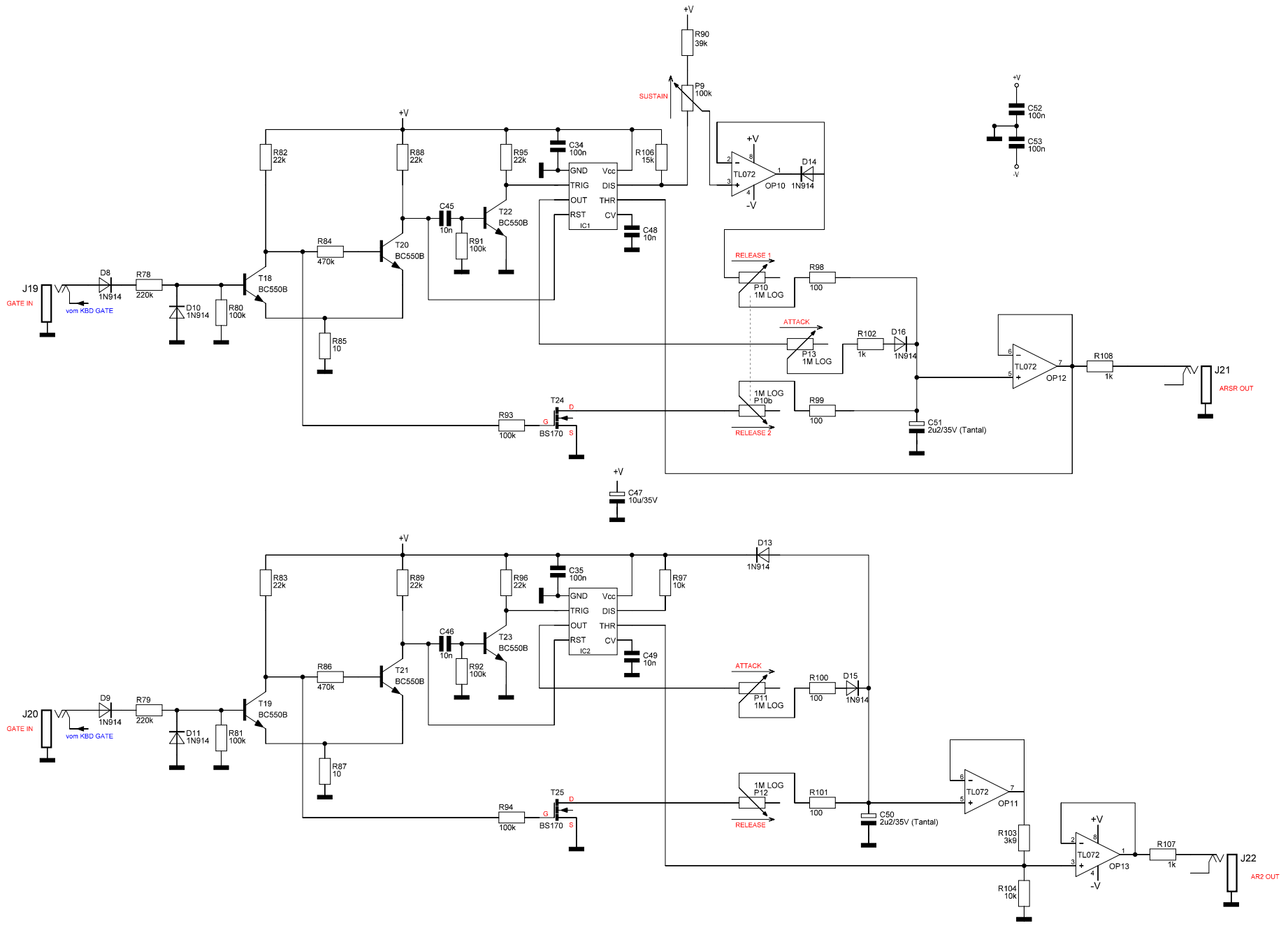
Projekt:	MS 2600 NG	Datum:	16.07.2017
Modul:	Voltage Processors		



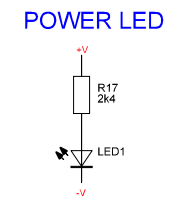
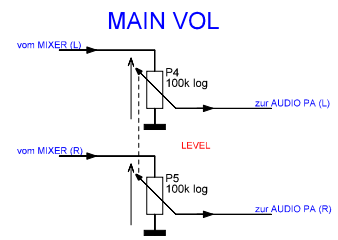
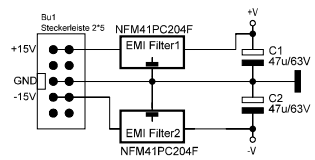
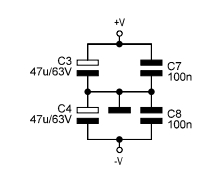
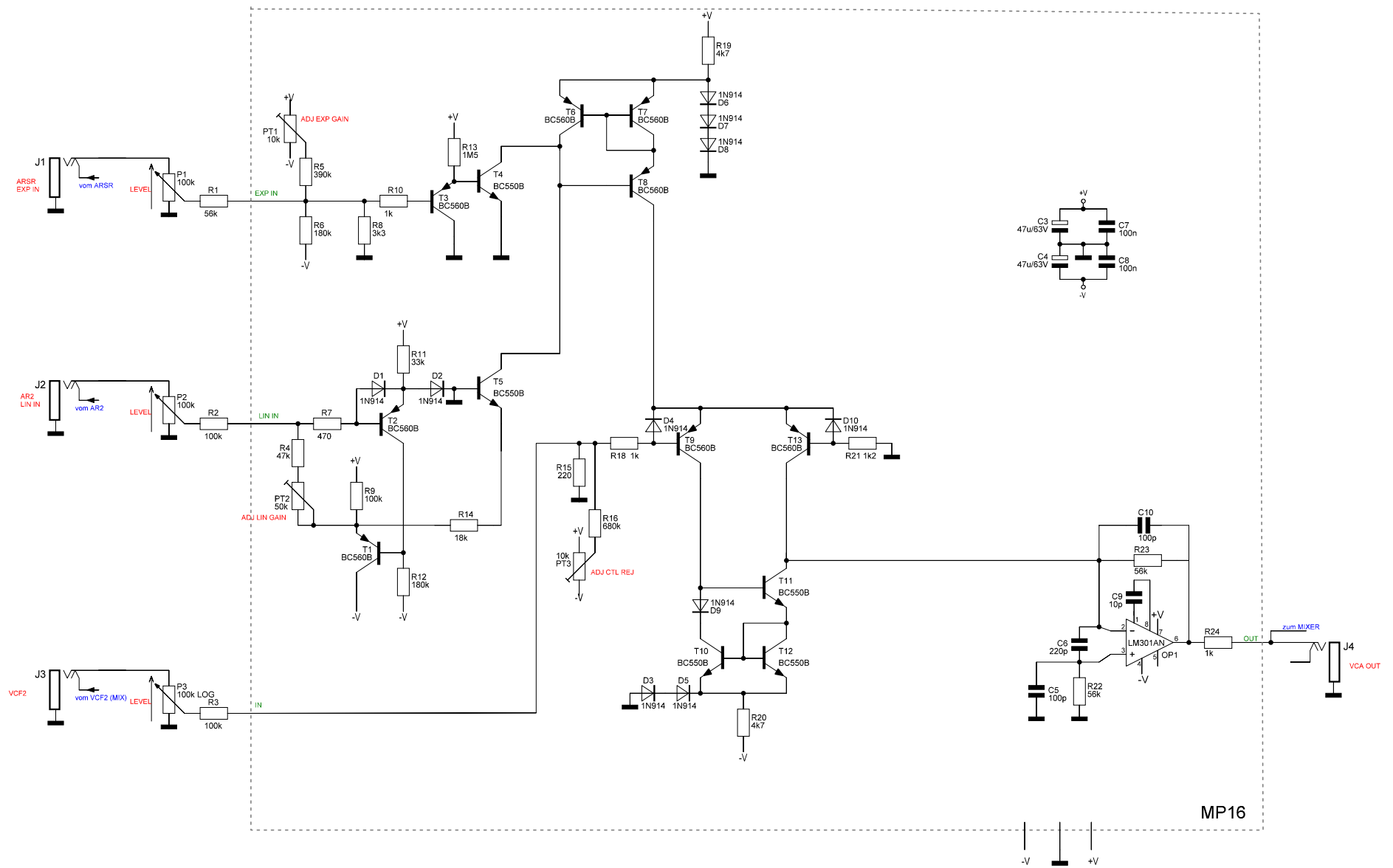
Projekt:	MS 2600 NG	Datum:	16.07.2017
Modul:	NOISE		



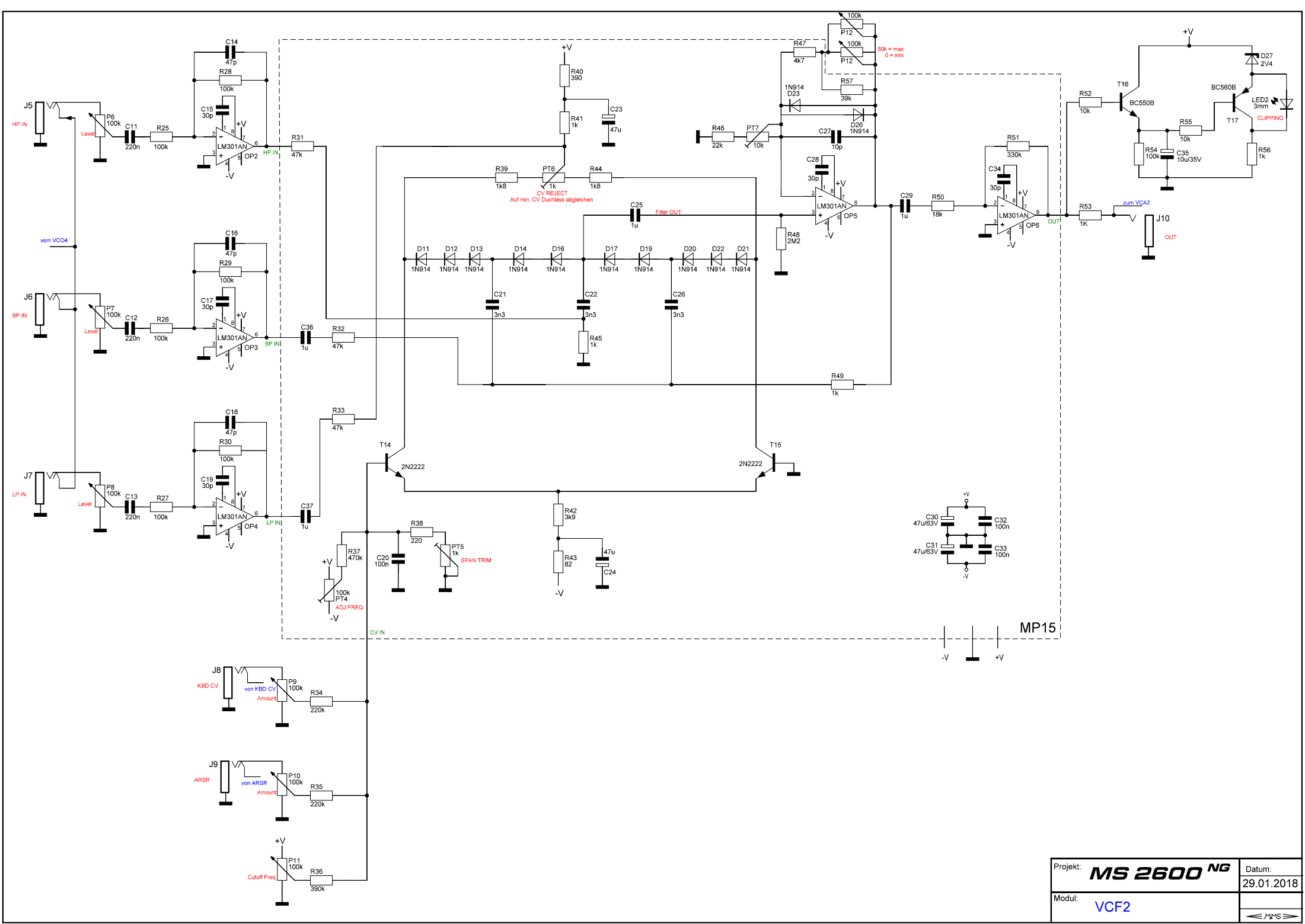
Projekt:	MS 2600 NG	Datum:	16.07.2017
Modul:	INT CLOCK und S&H		



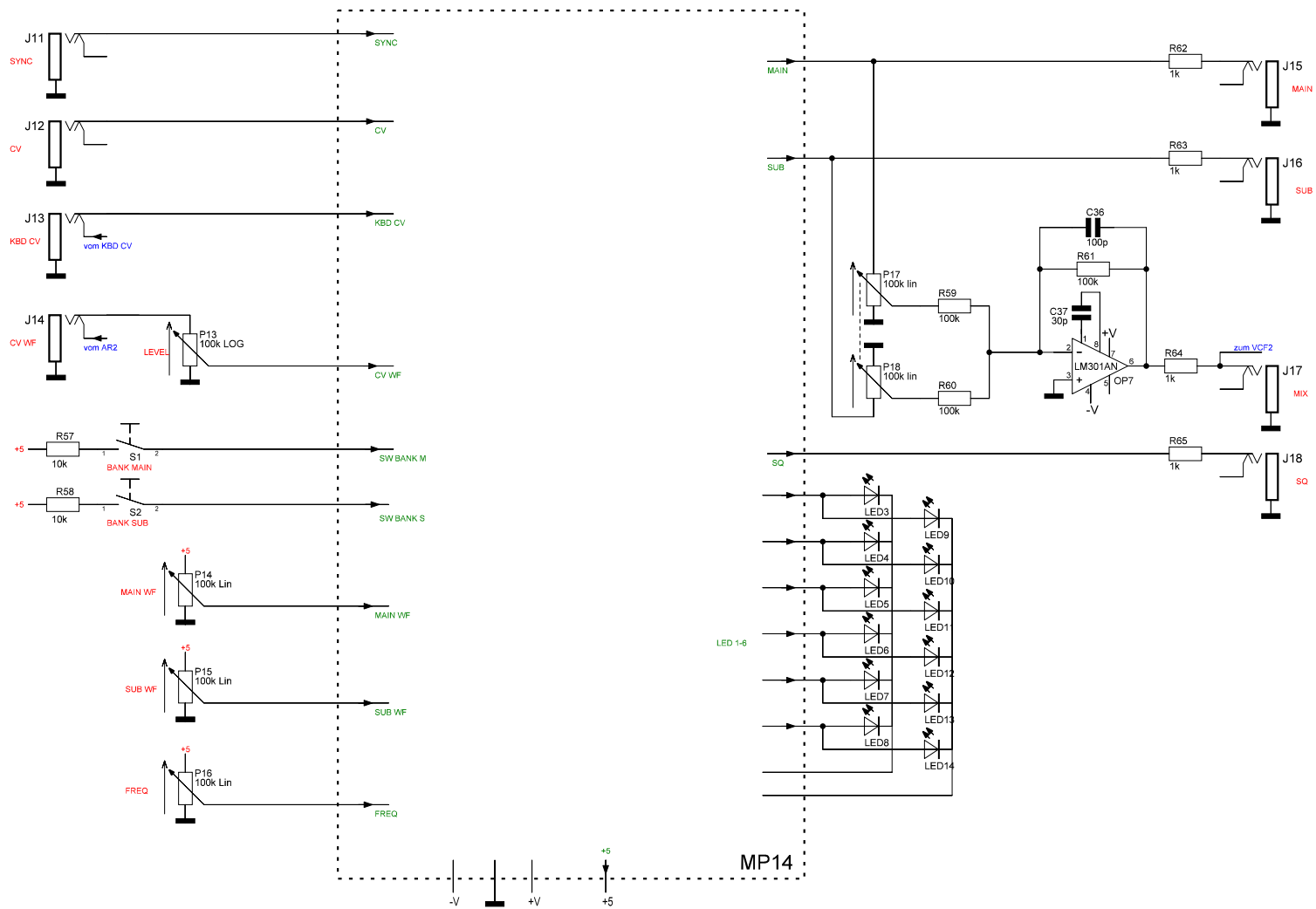
Projekt:	MS 2600 NG	Datum:	16.07.2017
Modul:	INT CLOCK und S&H		

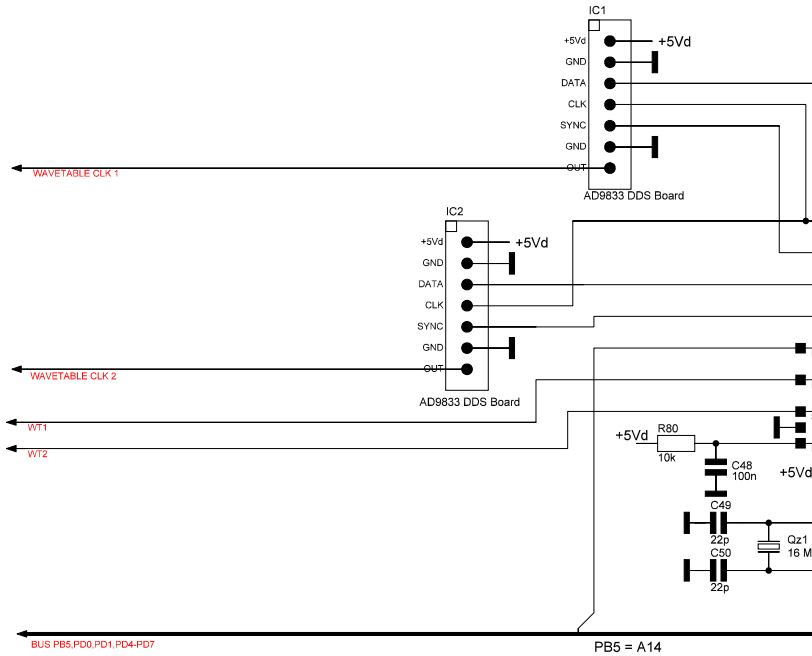
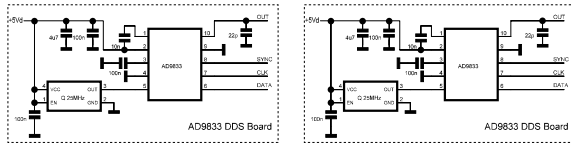


Projekt:	MS 2600 NG	Datum:	29.01.2018
Modul:	VCA2 (4019 mod)		

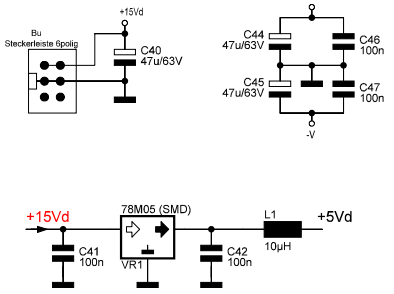
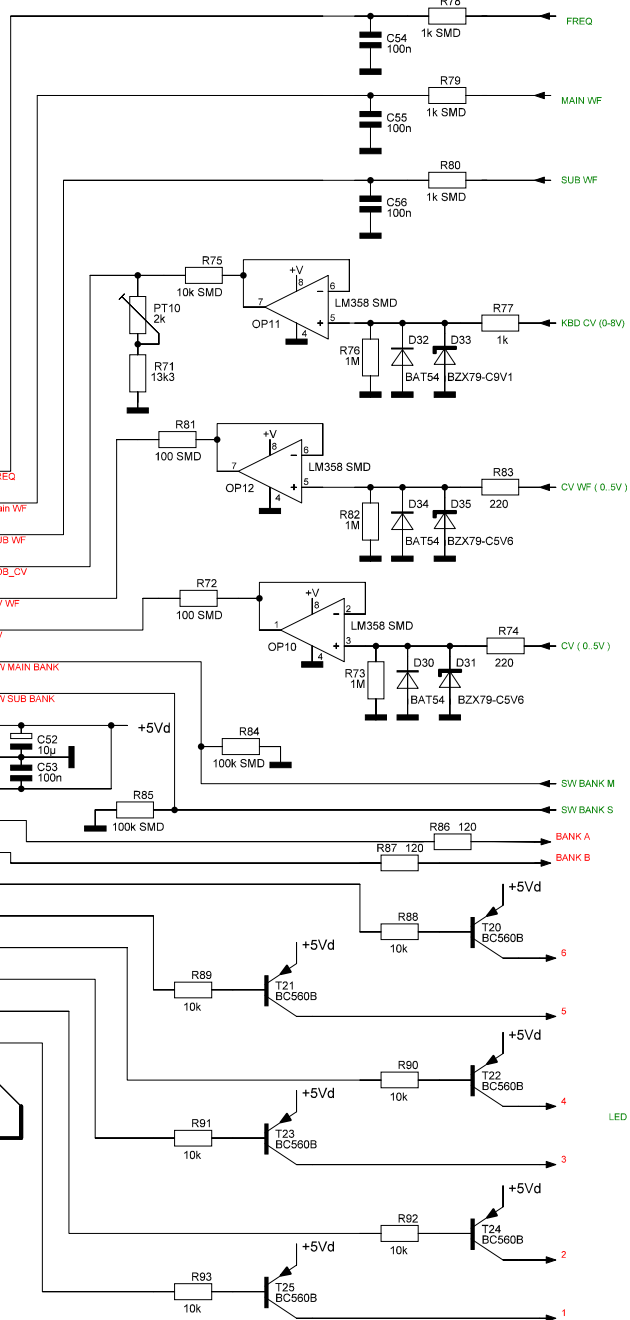
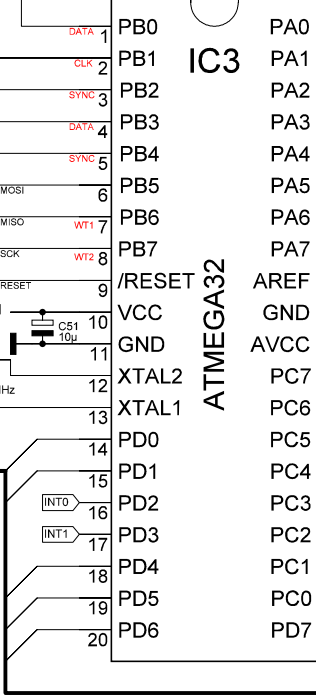


Projekt:	MS 2600 NG	Datum:	29.01.2018
Modul:	VCF2		

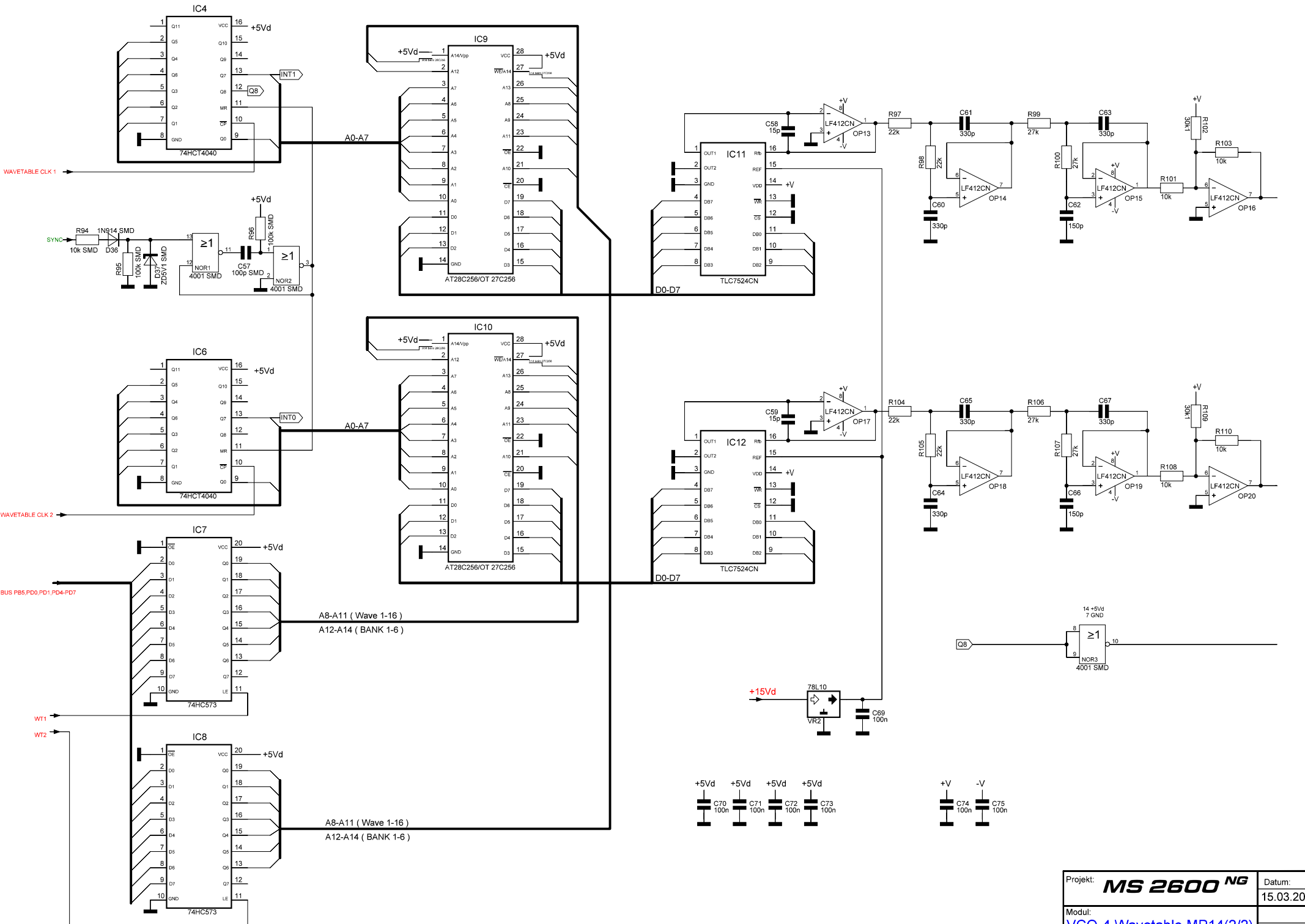




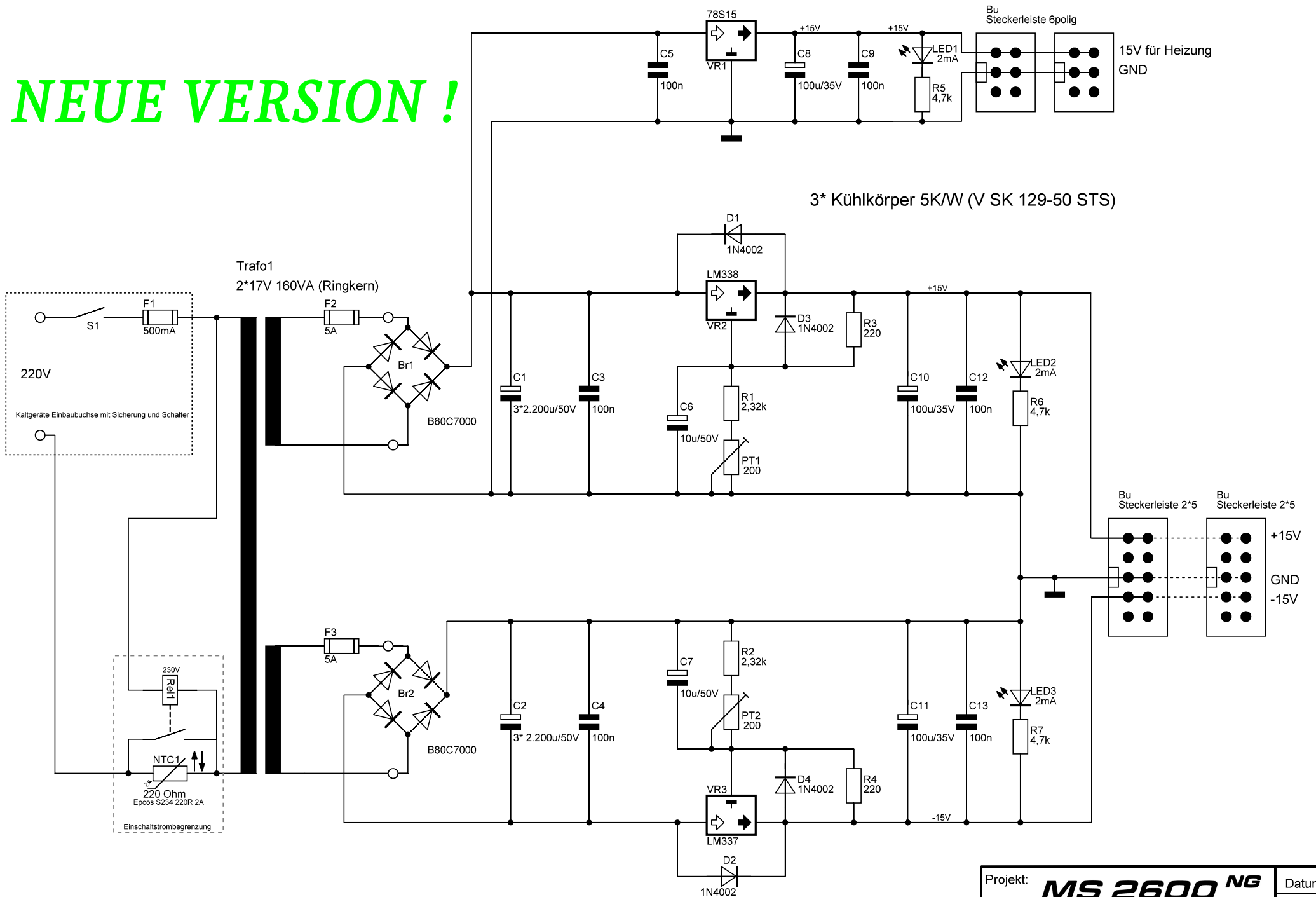
PB5 = A14
 PD0 = A13
 PD1 = A12
 PD2 = INT1 vom IC6(Q7)
 PD3 = INTO vom IC4(Q7)
 PD4 = A8
 PD5 = A9
 PD6 = A11
 PD7 = A10



Projekt:	MS 2600 NG	Datum:	15.03.2018
Modul:	VCO-4 Wavetable MP14(1/2)		



NEUE VERSION !



Projekt:	MS 2600 NG	Datum:	04.11.2017
Modul:	Netzteil		

Stückliste

Br1,Br2 = 2 x B80C7000

Bu,Bu = 2 x Steckerleiste 6polig

Bu,Bu = 2 x Steckerleiste 2*5

C1, C2 = 6 x 2.200u/50V (low ESR)

C3,C4,C5,C9,C12,C13 = 6 x 100n

C6,C7 = 2 x 10u/50V (low ESR)

C8,C10,C11 = 3 x 100u/35V (low ESR)

D1,D2,D3,D4 = 4 x 1N4002

F1 = 1 x 500mA

F2,F3 = 2 x 5A

2x Sicherungshalter

LED1,LED2,LED3 = 3 x 2mA

NTC1 = 1 x 220 Ohm

PT1,PT2 = 2 x 200

R1,R2 = 2 x 2,32k

R3,R4 = 2 x 220

R5,R6,R7 = 3 x 4,7k

Rel1 = 1 x 1 x Ein (230V) FIN40.61.8 230V

Trafo1 = 1 x 2*17V 160VA (Ringkern)

VR1 = 1 x 78S15

VR2 = 1 x LM338

VR3 = 1 x LM337

Wärmeleitpaste

S1 = 1 x Schliesser

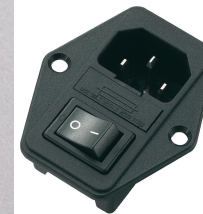
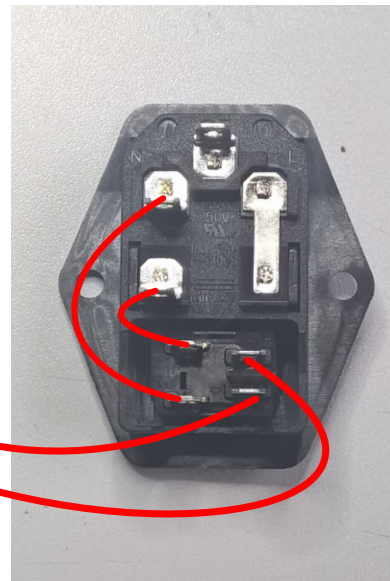
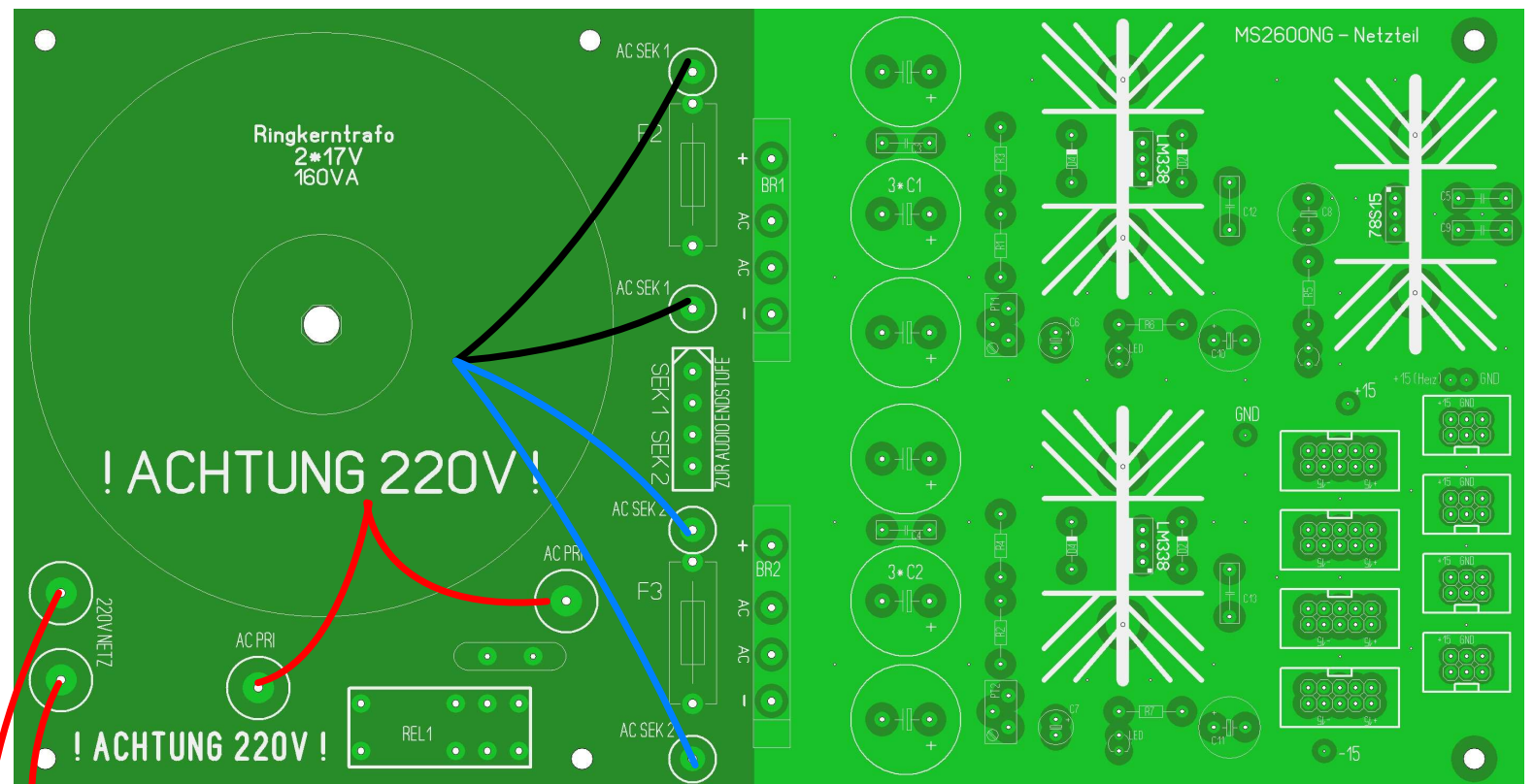
(Kaltgeräte mit Schalter und Sicherung)

3x Kühlkörper SK 129-50

1x Buchse 4polig

1x Stecker 4polig

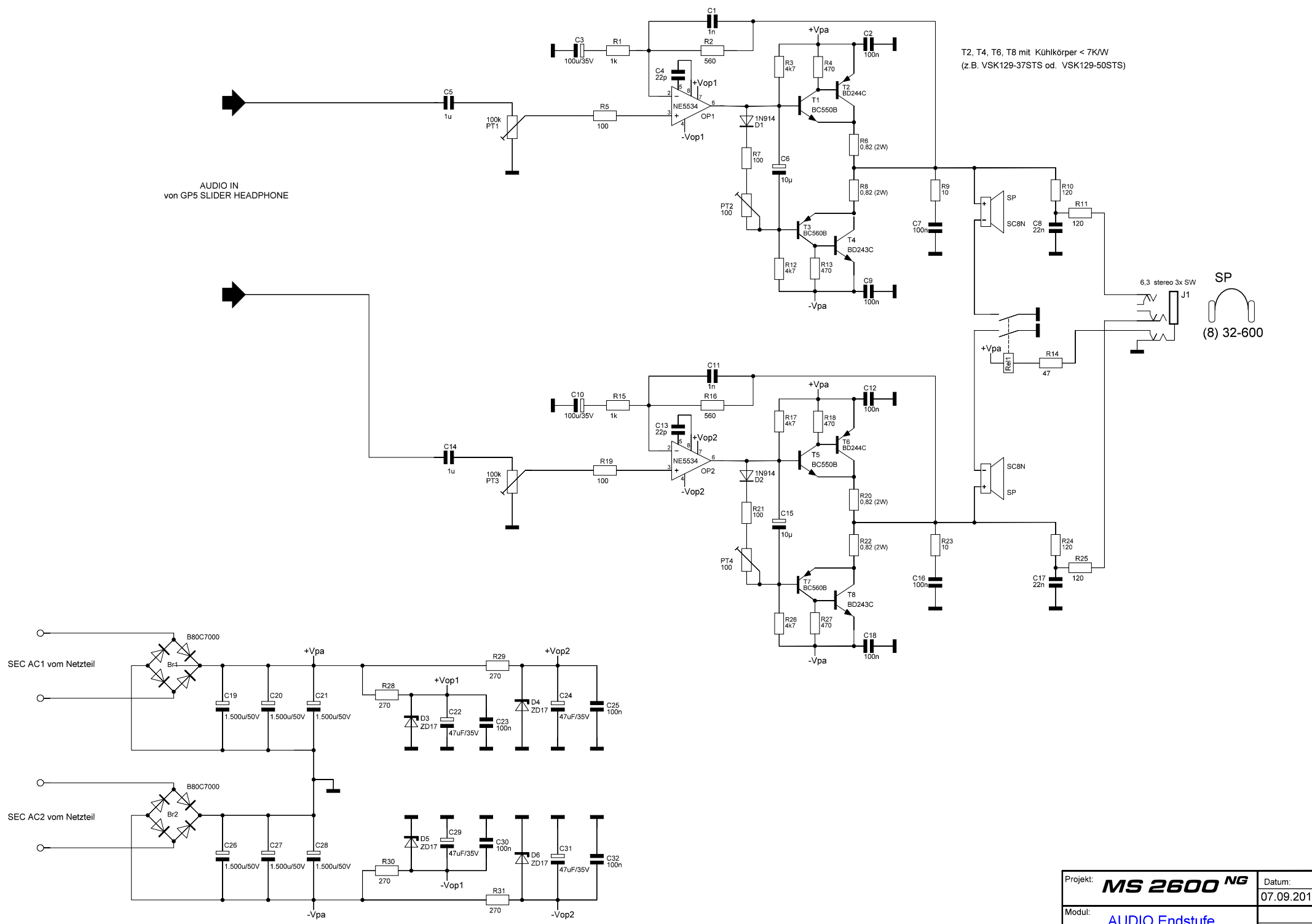
DIV. Schrauben und Muttern



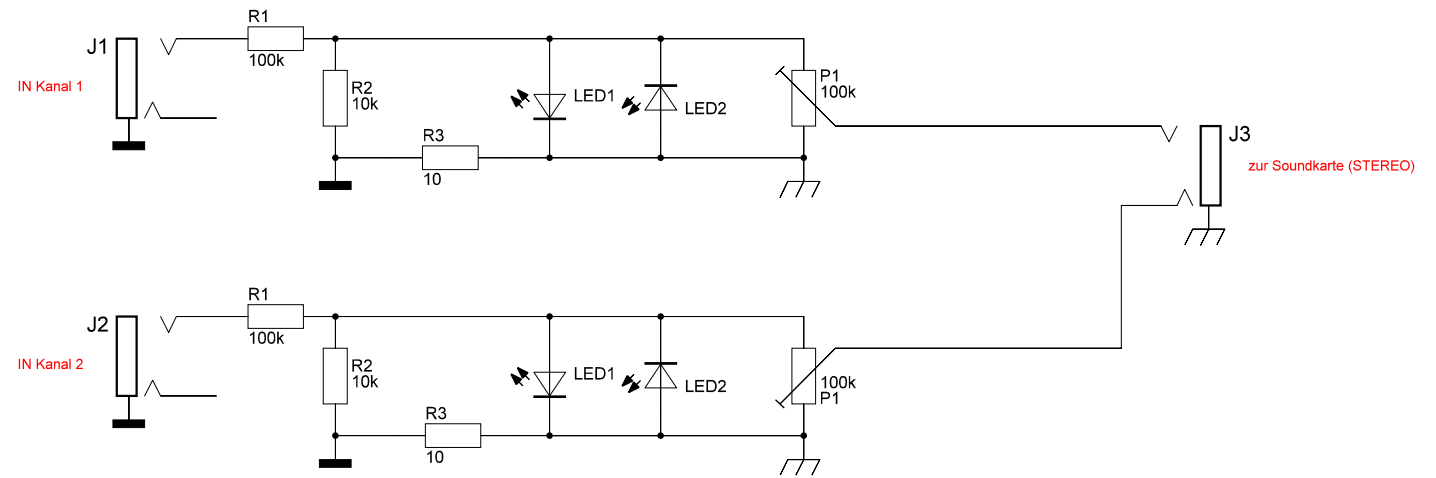
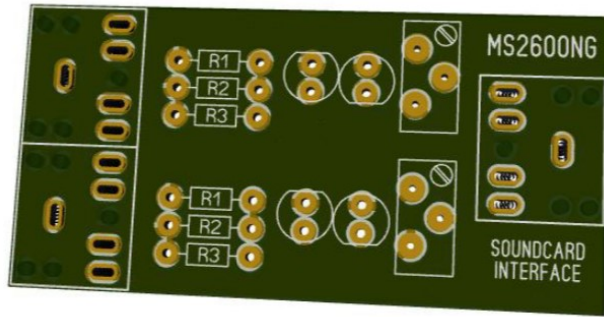
Projekt:	MS 2600 NG	Datum:	22.01.2017
Modul:	Netzteil		
			MS

AUDIO IN
von GP5 SLIDER HEADPHONE

T2, T4, T6, T8 mit Kühlkörper < 7K/W
(z.B. VSK129-37STS od. VSK129-50STS)



Projekt:	MS 2600 NG	Datum:	07.09.2017
Modul:	AUDIO Endstufe		



Stückliste

J1,J2,J3 = 3 x Klinkebuchse 3,5mm

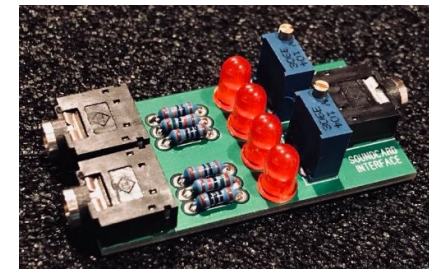
LED1,LED2 = 4 x LED 5mm rt - 2mA

P1,P1 = 2 x 100k

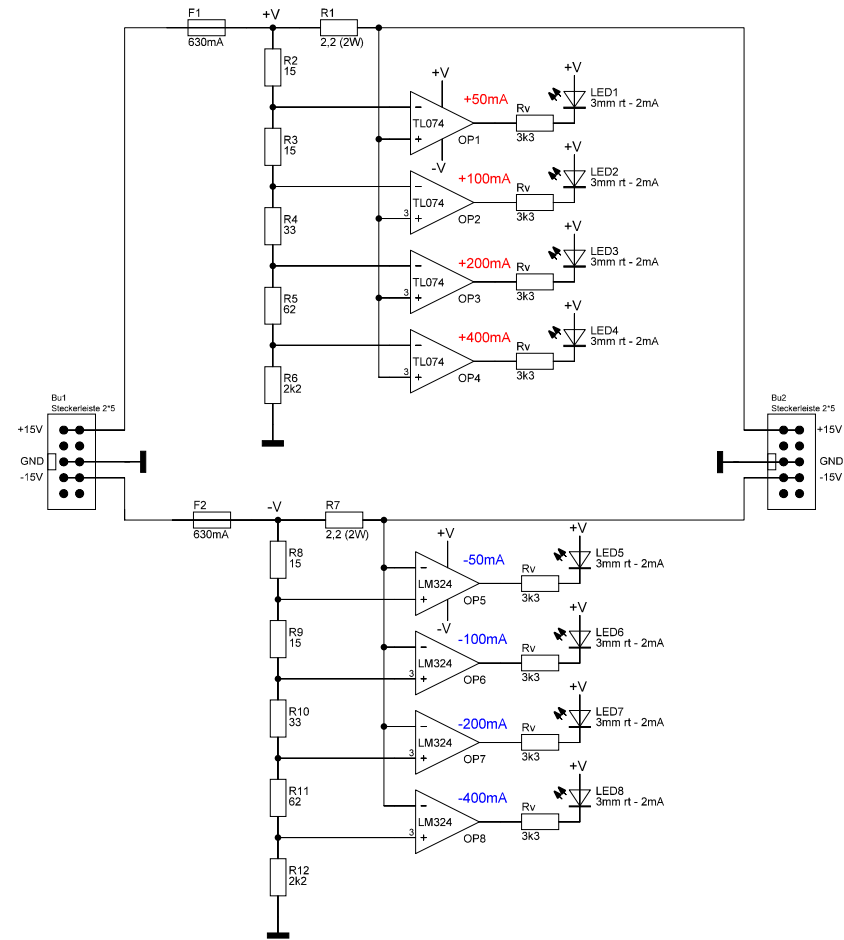
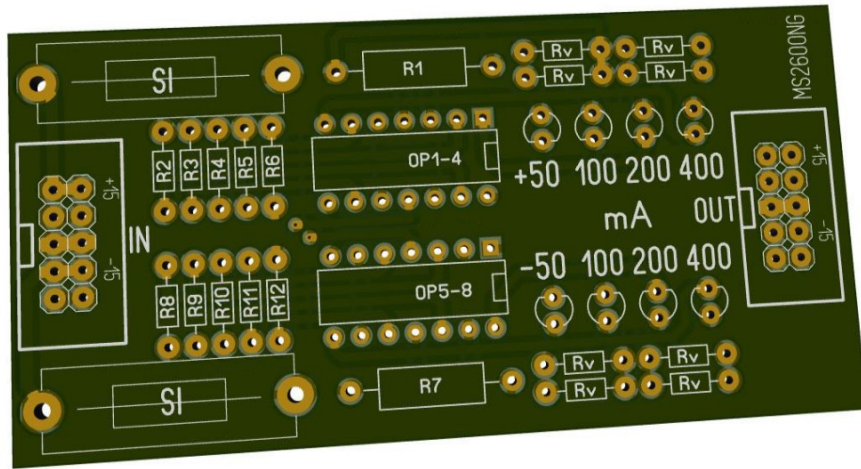
R1,R1 = 2 x 100k

R2,R2 = 2 x 10k

R3,R3 = 2 x 10



Projekt:	MS 2600 NG	Datum:	07.10.2017
Modul:	Interface Soundcard Scope		



Stückliste

Bu1,Bu2 = 2 x Steckerleiste 2*5

F1,F2 = 2 x 630mA + SI-Halter

LED1-8 = 8 x 3mm rt - 2mA

OP1,OP2,OP3,OP4 = 1 x TL074

OP5,OP6,OP7,OP8 = 1 x LM324

R1,R7 = 2 x 2,2 (2W)

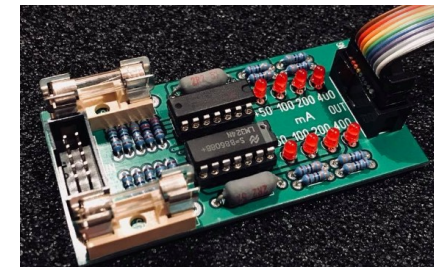
R2,R3,R8,R9 = 4 x 15

R4,R10 = 2 x 33

R5,R11 = 2 x 62

R6,R12 = 2 x 2k2

Rv = 8 x 3k3



Projekt:	MS 2600 NG	Datum:	07.10.2017
Modul:	Strommesser		