

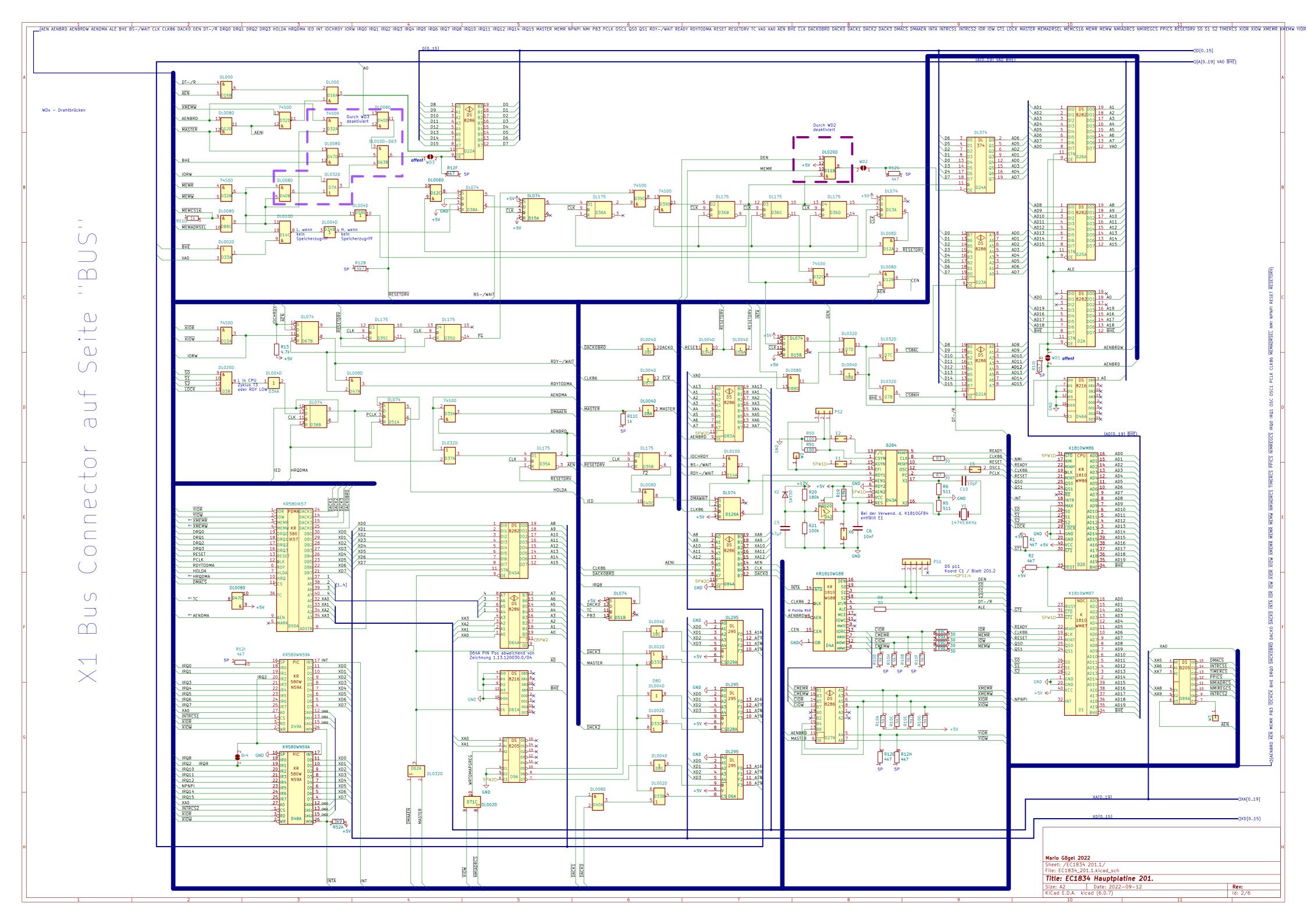
Mario Gögel 2022

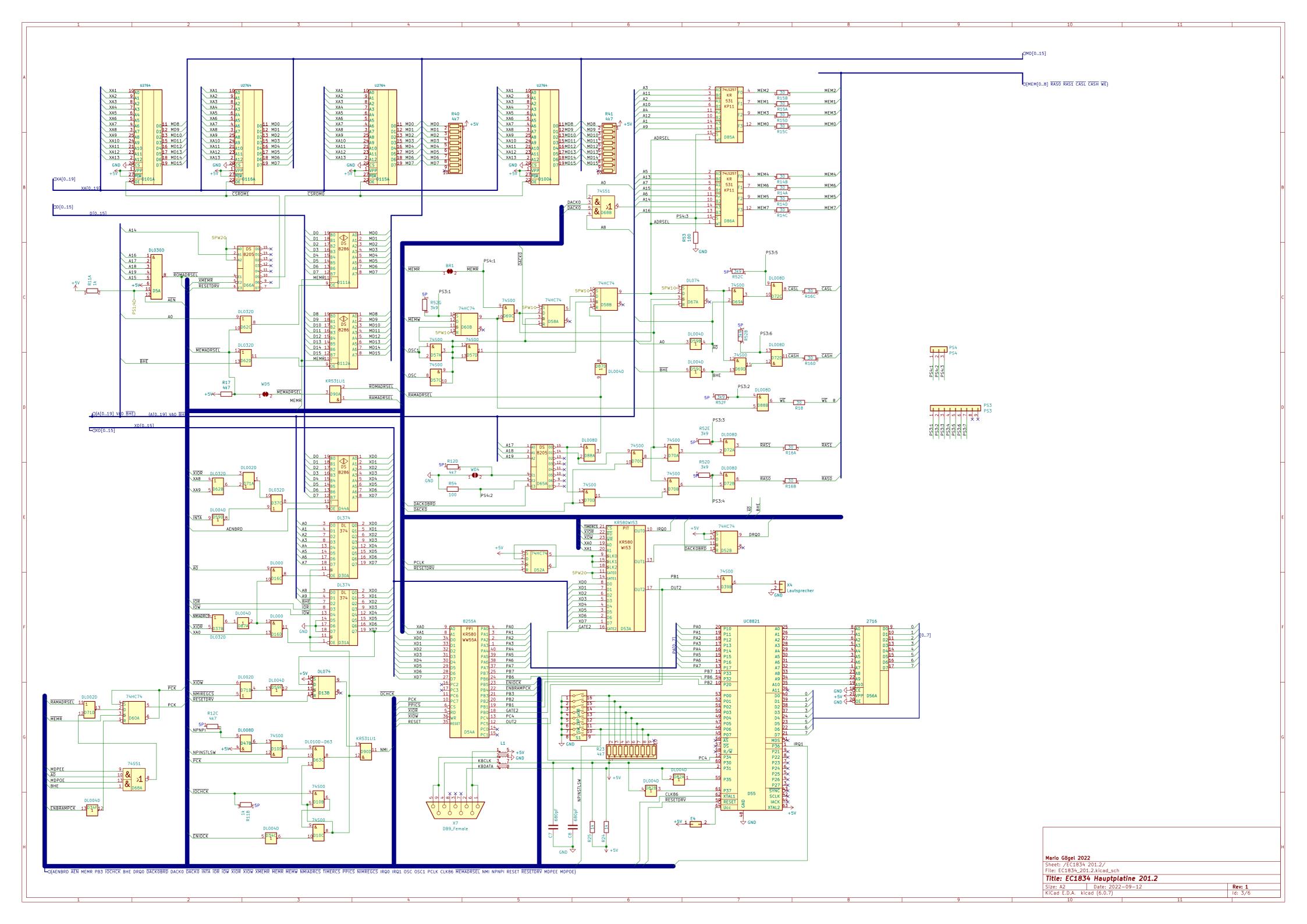
Sheet: /
File: EC1834 - Board.kicad\_sch

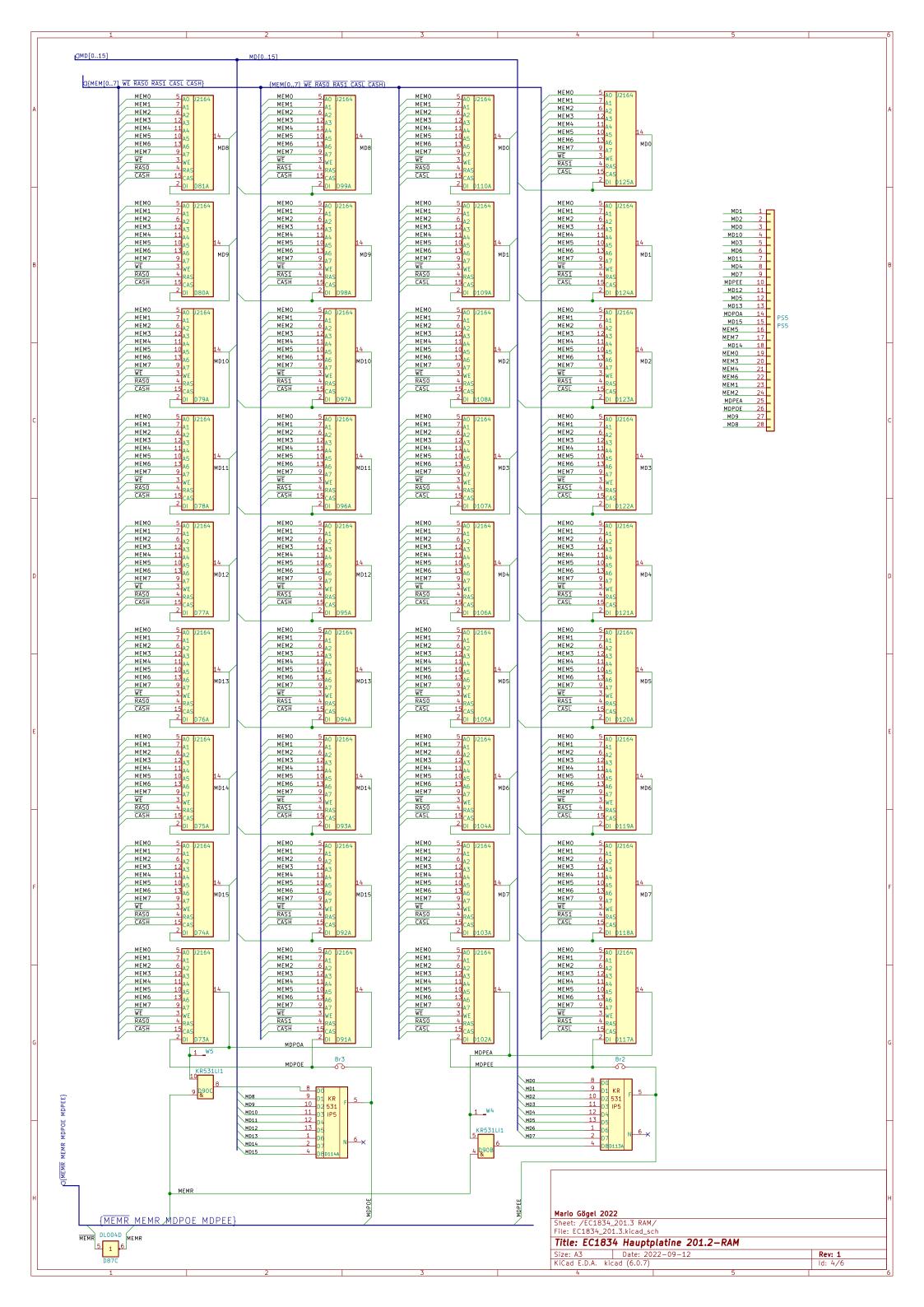
Title: EC1834 Hauptplatine

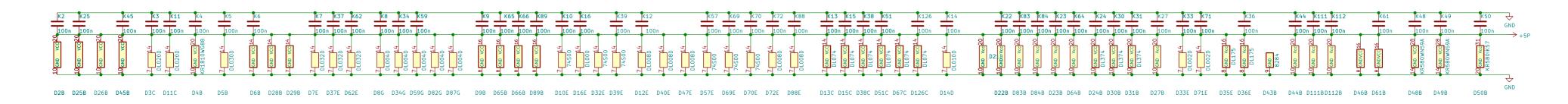
Size: A1 Date: 2022-09-12 Rev: 1

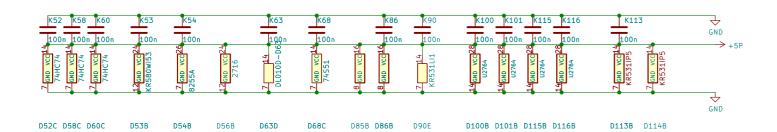
KiCad E.D.A. kicad (6.0.7) Id: 1/6





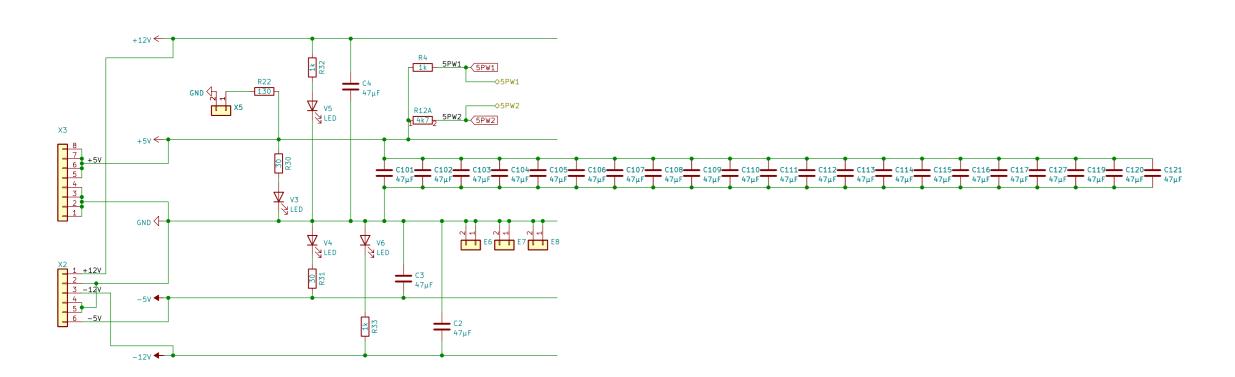






 K1
 K55
 K18
 K19
 K20

 100n
 100n
 100n
 100n
 100n



	R11E
D111A D1020D 22 4 5 D14B	D3A DL020D 1 & 6x
D14B D1010D  3	D370 D1032D +5P < 12 1 11 13
D63A DL010D-D63 ×1 & 12 Q 13	069B 74500 ×4 & 6×
$\begin{array}{c} D82C \\ DL004D \\ +5P & \boxed{1} \\ \boxed{6} \times \end{array}$	$+5P \leftarrow \frac{9}{1} \times \frac{1}{8} \times$
$ \begin{array}{c}     D82E \\     DL004D \\     +5P < 11                                 $	D82F DL004D +5P < 13 1 12
D87B DL004D S 1 4×	D87E DL004D +5P < 11 1 10
	D126B DL074 120 120 120 R

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Sheet: /Power/
File: Power.kicad\_sch

Title: EC1834 Hauptplatine 201.2-Power

Size: A2 Date: 2022-09-12

KiCad E.D.A. kicad (6.0.7)

**Rev: 1** Id: 5/6

1 2	3	4	5   6	7	8
GND at RESET az HSV DB7 c2 D7 c3 D6 C4 D5 c4 D5 c5 D4 c5 D6 C4 D5 c5 D4 c6 D5 c4 D5 c6 D5 c4 D5 c6 D5 c4 D5 c6 D5	RESET   a2   RESET   DBT   C2D7	GND a1 GND X1.6 IOCHCK C1 GD   RESET a2 RESET DB7 (2D)   +5V a3 +5V DB6 (3D)   IRQ2 a4 IRQ2 DB5 (4D)   DRQ2 a6 DRQ2 DB3 (6D)   -12V a7   -12V DB2 (7D)   GND a10 GND IOCHRY 10 GBD   MEMW a1 MEMW AEN 11 JOW BA19 13A19   IOW a13 IOW BA19 13A19   IOW a13 IOW BA19 13A19   DACK3 a11 DACK3 BA16 15A65   DRQ3 a10 DACK3 BA16 15A65   DRQ3 a10 DACK1 BA17 14A17   DACK3 a11 DACK3 BA16 15A65   DRQ3 a10 DACK1 BA17 14A17   DACK3 a11 DACK3 BA16 15A65   DRQ3 a10 DACK1 BA17 14A17   DACK3 a11 DACK1 BA17 14A17   DACK3 a12 DACK3 BA16 15A65   DACK1 BA17 14A17   DACK3 a12 DACK3 BA16 15A65   DACK1 BA17 14A17   DACK3 BA18 13A18   DACK0 BA19 DACK3 BA16 15A65   DACK1 BA17 14A17   DACK3 BA16 BA17 14A17   DACK3 BA16 BA17 14A17   DACK3 BA17 DACK3 BA18 1 BA18 1 BA19   DACK0 BA19 DACK0 BA19 2A20   IRQ4 BA29 IRQ5 BA39 2A38   IRQ4 BA39 2A38   IRQ	CK   GND		
## ## ## ## ## ## ## ## ## ## ## ## ##	## Sy	#5V b30	### ### ### ### #### #### ############		
+5V b30 +5V  MASTER b20 MASTER BUS_EC1834_16Bit	+5V b30 +5V MASTER b26 MASTER BUS_EC1834_16Bit	+5V b30 +5V MASTER b20 MASTER BUS_EC1834_16Bit	+5V b30 +5V MASTER BUS_EC1834_16Bit	Mario Gögel 2022 Sheet: /Bus/ File: Bus.kicad_sch  Title: EC1834 Hauptplatine 201.1- Size: A3 Date: 2022-09-12 KiCad E.D.A. kicad (6.0.7)	Rev: 1   Id: 6/6