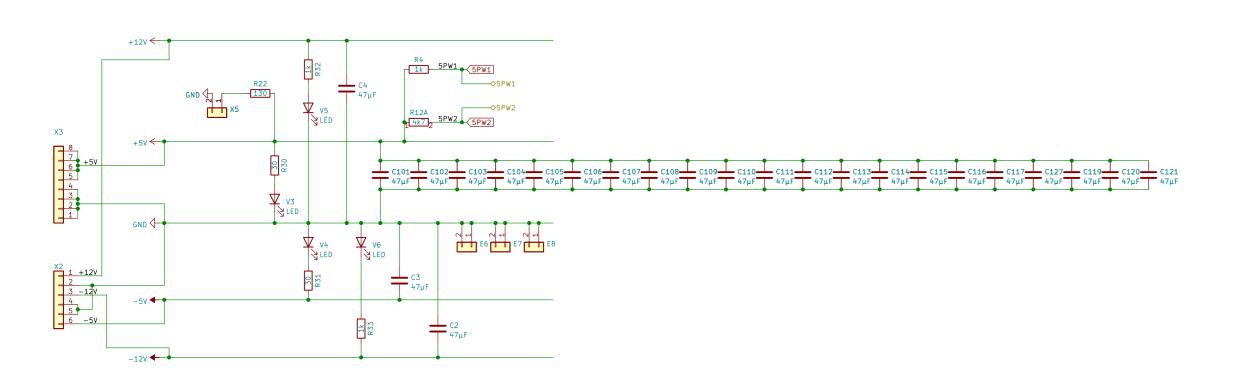


 K1
 K55
 K18
 K19
 K20

 100n
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Mario Gögel 2022

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

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	В	С	E	Rev: 1
8				
7				Mario Gögel 2022 Sheet: /Bus/ File: Bus.kicad_sch Title: EC1834 Hauptpla Size: A3 Date: 2022-
0CHCK c1 10CHCK 0B7 c2D7 0B6 c3D6 0B5 c4D5 0B4 c6D3 0B2 c7D2 0B1 c8D1 0B0 c9D0 lothrdy 10CHRDY 10 AEN	DB0 C9910CHRDY 10CHRDY 110CHRDY 110CHRDY 110 AEN 11 AEN AEN 11 AEN AEN 11219 BA19 112A19 BA19 112A19 BA18 13A18 BA17 114A17 BA16 15A16 BA15 16A15 BA14 117A14 BA13 18A13 BA12 119A12 BA11 22A10 BA09 22A9 BA08 23A8 BA07 22A7 BA06 25A6 BA05 26A5 BA04 22A8 BA07 33A1 BA00 31A0 BHE 32BHE DB8 52BB DB9 53BB DB9 53BB DB9 53BB DB9 53BB DB9 54D10 DB11 56D11 DB12 56D11 DB12 56D11 DB13 57D15 BB14 59D16	5Bit Topick	TOCHCK C1	: D: 4
GND X1.8 RESET +5V IRQ2 -5V DRQ2 -12V UNUSED	MEMW MEMR JOW JOR JOR JOR JORCAS JORC	+5V MASTER BUS_EC1834_16E	RESET +5V RQ2 -5V DRQ2 -12V UNUSED +12V SMEMW MEMW OW OOR DACK3 DRQ3 DACK41 DRQ1 DACK6 CLK RQ4 RQ4 RQ4 RQ4 RQ4 RQ5 RRQ4 RRQ5 RRQ4 RRQ5 RRQ4 RRQ5 RRQ4 RRQ4	+5V MASTER BUS_EC1834_16E
5 GND a1 RESET a2 +5V a3 IRQ2 a4 -5V a5 DRQ2 a6 -12V a7 a8 +12V a9	GND a10 MEMW a11 TOW a13 TOW a13 TOW a13 TOW a13 TOW a13 TOW a13 DACK3 a15 DRQ3 a16 DACK1 a1 DRQ1 a18 DACK0 a19 CLK a20 IRQ7 a21 IRQ6 a22 IRQ5 a23 IRQ4 a24 IRQ3 a25 TC a27 TC a27 ALE a28 +5V a29 OSC a30 GND a31 GND a32 MEMCS16 b32	+5V b30 MASTER b26	RESEI az +5V a3 IRQ2 a4 -5V a5 DRQ2 a6 -12V a7 -12V a9 GND a10 MEMW a1. MEMR a12 TOW a13 TOR a14 DACK3 a15 DRQ3 a16 DACK1 a17 DACK3 a15 DRQ1 a18 DACK0 a19 CLK a20 IRQ7 a2. IRQ6 a22 IRQ6 a22 IRQ6 a22 IRQ6 a22 IRQ6 a22 IRQ7 a2. IRQ6 a22 IRQ6 a22 IRQ6 a22 IRQ7 a2. IRQ6 a22 IRQ6 a22 IRQ6 a22 IRQ6 a23 IRQ1 a24 IRQ3 a25 DACK2 a26 IRQ3 a25 DACK2 a26 IRQ3 a25 DACK2 a26 IRQ4 a24 IRQ3 a25 DACK2 a26 IRQ5 a23 IRQ4 a24 IRQ3 a25 DACK2 a26 IRQ5 a23 IRQ4 a24 IRQ3 a25 DACK2 a26 IRQ5 a23 IRQ4 a24 IRQ3 a25 DACK2 a26 IRQ1 a26 IRQ3 a25 DACK2 a26 IRQ1 a26 IRQ3 a25 DACK2 a26 IRQ1 a26 I	+5V b30 MASTER b26
10CHCK c1 10CHCK	DB0 63-DC HRD DB0 63-DC HRD OCHRDY 110 AEN AEN 11 AEN AEN 11 AEN BA19 12A19 BA18 13A18 BA17 14A17 BA16 15A16 BA15 16A15 BA14 117A19 BA13 18A13 BA12 19A12 BA11 22A11 BA10 22A9 BA08 22A9 BA08 22A8 BA09 22A9 BA08 22A8 BA07 22A7 BA06 25A6 BA05 26A5 BA04 27A4 BA03 12BA1 BA00 31A0 BHE 32BHE DB8 D2D8 DB9 D3D9 DB10 5D11 DB11 5D11 DB12 56D12 DB13 D2D15 DB14 BBD14 DB15 59D15	lit	DBT C2D7 DBT	
SET V V 22 V 22 2V USED	D IO WWW WW WW WR 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		SET V 2 22 V 22 22 V 22 V 22 V 22 V 22 V	V STER BUS_EC1834_16Bi
	H12V 39 H12V	+5V b30 +5V MASTER b20 MAST	GND a1 GND RESET a2 RESE +5V a3 +5V IRQ2 a4 IRQ2 -5V a5 -5V DRQ2 a6 DRQ2 -12V a7 -12V A8 UNUS MEMW a11 MEMW a10 MEMW a11 IOR DACK3 a14 IOR DACK3 a14 IOR DACK3 a15 IOACK DRQ1 a16 DACK LI GRA DACK1 a17 DACK DACK3 a17 DACK RRQ1 a18 DACK RRQ1 a19 DACK IRQ7 a22 IRQ7 IRQ6 a22 IRQ6 IRQ7 a22 IRQ7 IRQ6 a22 IRQ6 IRQ7 a24 IRQ7 ACC ACC ACC ACC ACC ACC ACC ACC ACC AC	+5V b30 +5V MASTER b20 MAST
TOCHCK C1 TO CHC DB7 C2D7 DB6 C3D6 DB5 C4D5 DB4 C5D4 DB3 C5D3 DB2 C7D2 DB1 C8D2	DB7 c2D7 DB6 c3D6 DB7 c2D7 DB6 c3D6 DB5 c4D5 DB4 c5D4 DB3 c6D3 DB2 c7D2 DB1 c8D1 DB2 c7D2 DB1 c8D1 DB3 c7D2 DB1 c8D1 DB3 c7D2 DB1 c8D2 DB1 c9D0 c8F I13 18 BA19 12A19 BA18 13A18 BA17 14A17 BA16 15A16 BA15 116A15 BA14 17A14 BA13 13A13 BA12 19A12 BA11 20A11 BA10 c2A9 BA08 c2A9 BA08 c2A9 BA08 c2A9 BA08 c2A9 BA07 c2A7 BA06 c2A6 BA05 c2A5 BA01 3A1 BA00 3A10 BA	4_16Bit	TOCHCK C1	1500
a2 RESET a3 +5V a4 IRQ2 a5 -5V a6 DRQ2 a7 -12V x8 UNUSED	a10 GND a11 MEMW a11 MEMW a11 TOW a11 TOW a11 TOW a11 TOW a11 TOW a11 TOW a12 TOW a13 TOW a14 TOW a15 TOW a16 TOW a17 TOW a17 TOW a17 TOW a18 TOW a19	BUS_EC183	a3 +5V a4 IRQ2 a4 IRQ2 a5 -5V a6 DRQ2 a7 -12V a8 UNUSED a9 +12V a1 MEMW a1 MEMW a1 MEMW a1 MEMW a1 MEMW a1 DACK3 a10 DACK1 a10 DACK1 a11 DACK3 a12 IRQ3 a12 IRQ4 a22 IRQ5 a24 IRQ5 a24 IRQ5 a25 IRQ5 a26 IRQ5 a27 IRQ6 a27 IRQ6 a28 IRQ5 a29 IRQ6 a29 IRQ6 a21 IRQ6 a21 IRQ6 a23 IRQ5 a24 IRQ6 a25 IRQ6 a26 IRQ6 a27 IRQ6 a27 IRQ6 a28 IRQ5 a29 IRQ6 a29 IRQ6 a21 IRQ6 a21 IRQ6 a23 IRQ5 a24 IRQ6 a25 IRQ6 a26 IRQ6 a27 IRQ6 a27 IRQ6 a28 IRQ6 a29 IRQ6 a29 IRQ6 a29 IRQ6 a21 IRQ6 a21 IRQ6 a21 IRQ6 a22 IRQ6 a23 IRQ6 a24 IRQ6 a25 IRQ6 a26 IRQ6 a27 IRQ6 a27 IRQ6 a28 IRQ6 a29 IRQ6 a20	<u>b30</u> +5V <u>b26 MASTER</u> BUS_EC183
RESET +5V IRQ2 -5V DRQ2 -12V +12V	MEMW MEMR	I.E.V	#5V RRQ2 -5V RRQ2 -5V DRQ2 -12V DRQ2 HRDY MEMW MEMW MEMW TOW	+5V MASTER
2 TOCHCK C1 TOCHCK C2 D7 D86 C3 D6 D85 C4 D5 D84 C6 D3 D82 C7 D2 D81 C8 D1 D82 C9 D0 D83 C8 D1 D84 C8 D1 D85 C8 D1 D85 C8 D1	BBO C 9 DO 10C IOCHRDY 10 AEN 11 AEN BA19 12 A19 BA18 13 A18 BA17 14 A17 BA16 15 A16 BA15 16 A15 BA14 17 A14 BA13 18 A13 BA12 19 A12 BA11 12 A11 BA10 21 A10 BA09 22 A9 BA08 23 A8 BA07 24 A7 BA06 25 A6 BA05 26 A5 BA04 27 A4 BA03 28 A3 BA07 31 A10 BA0 31 A10 BA1	834_16Bit	X1.1 IOCHCK C1	
HESEL a2 RESET +5V a3 +5V IRQ2 a4 IRQ2 -5V a5 -5V DRQ2 a6 DRQ2 -12V a7 -12V A8 UNUSED	#12V ay +12V ay 12V and 12V ay		GND a1 GND RESET a2 RESET +5V a3 +5V a3 +5V a3 +5V a5 -5V a5 -5V a6 DRQ2 a6 DRQ2 a6 DRQ2 a12V a7 -12V a7 -12V a9 +12V a9 +12V a9 h12V a1 WEMW	+5V b30 MASTER b20 MASTER BUS_EC:
DA E BHE DO DOE WEWN NAME OF THE DO DOE WEWN NAME OF THE DO DOES OF THE DOES O	V IRQO IRQ1 IRQ2 IRQ3 IRQ4 IRQ5 IRQ6 IRQ7 IRQ8 IRQ10 IRQ11 IRQ12 IRQ14 IRQ15 MASTER MI	ED INT IOCHRDY IORW	AENBRDW AENDMA ALE BHE BS-/WAIT CLK CLK86 DACKO DEN DT-/R DRQO DRQ1 DRQ2 DRQ3 HOLDA HRQDMA II A A A A A A A A A A A A A A A A A	(<u>40</u> aen aenbrd
{A[019]\	В	С	D E	