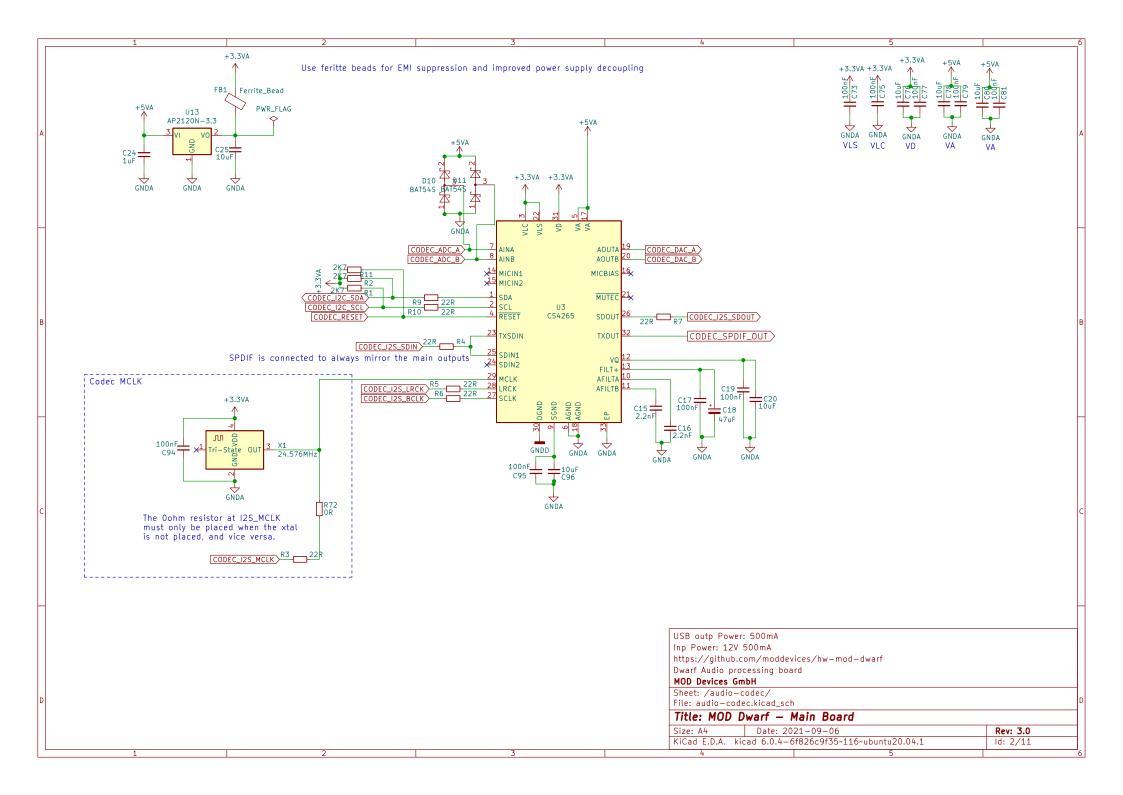
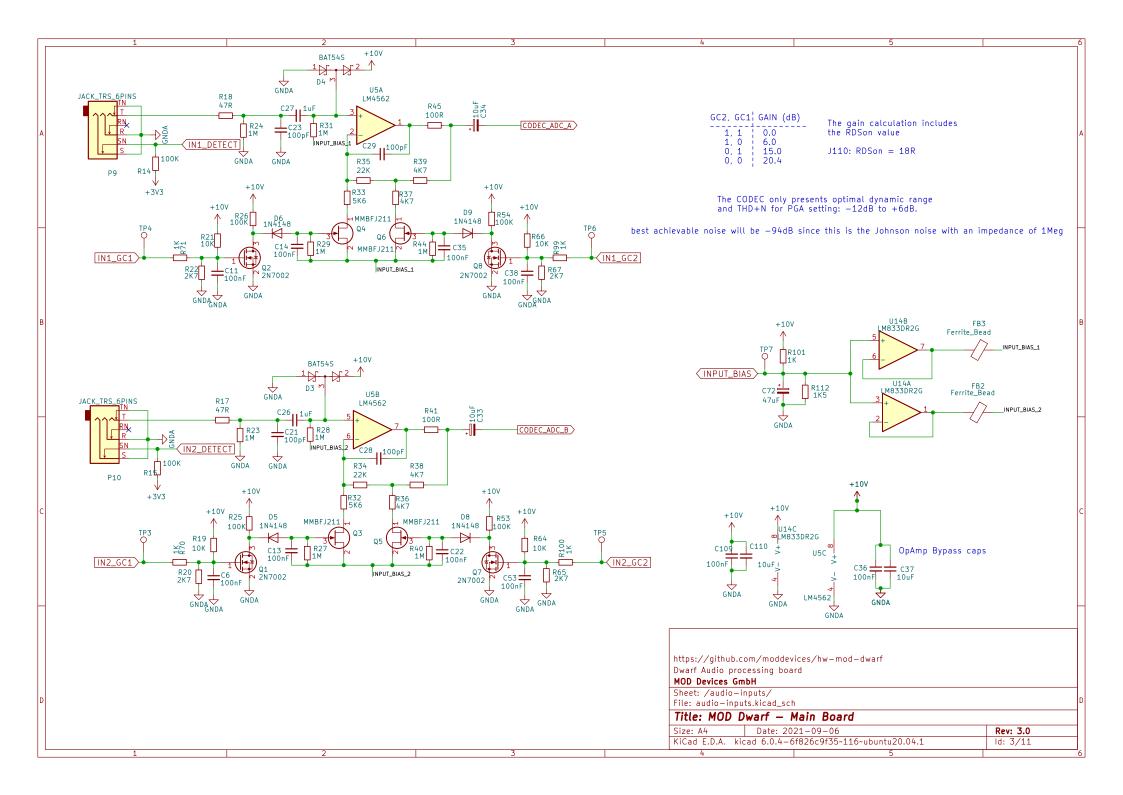
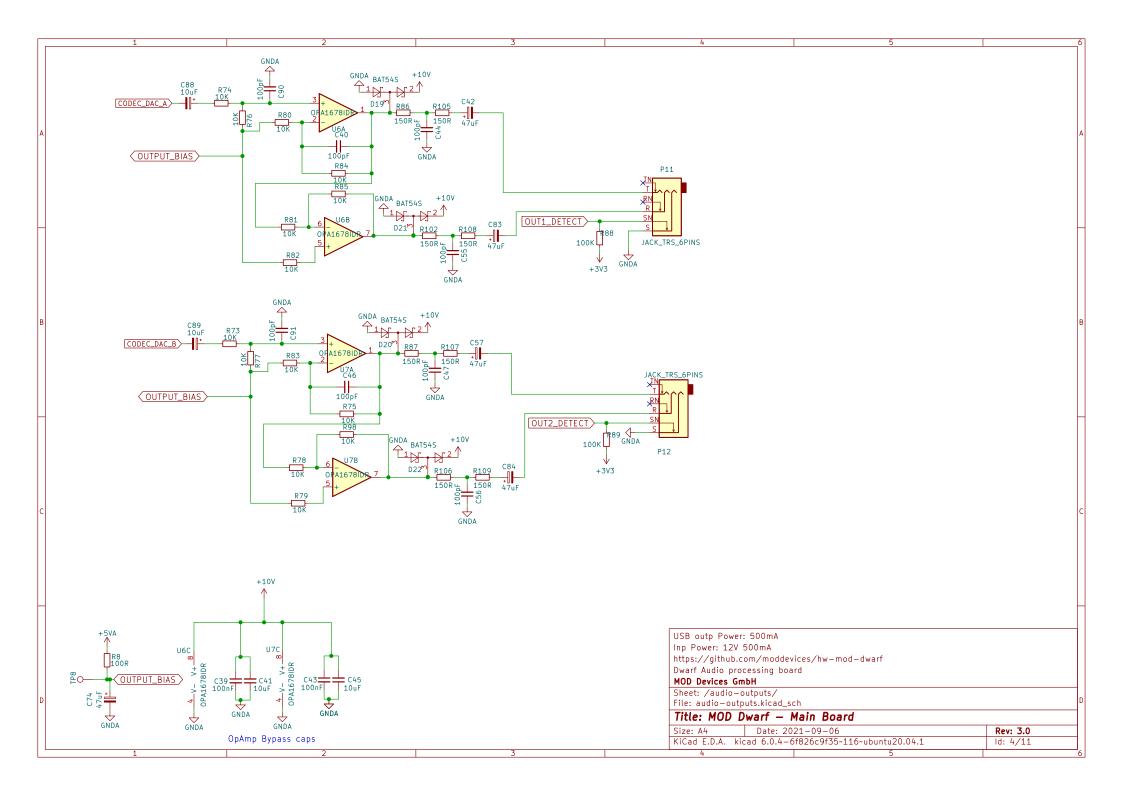
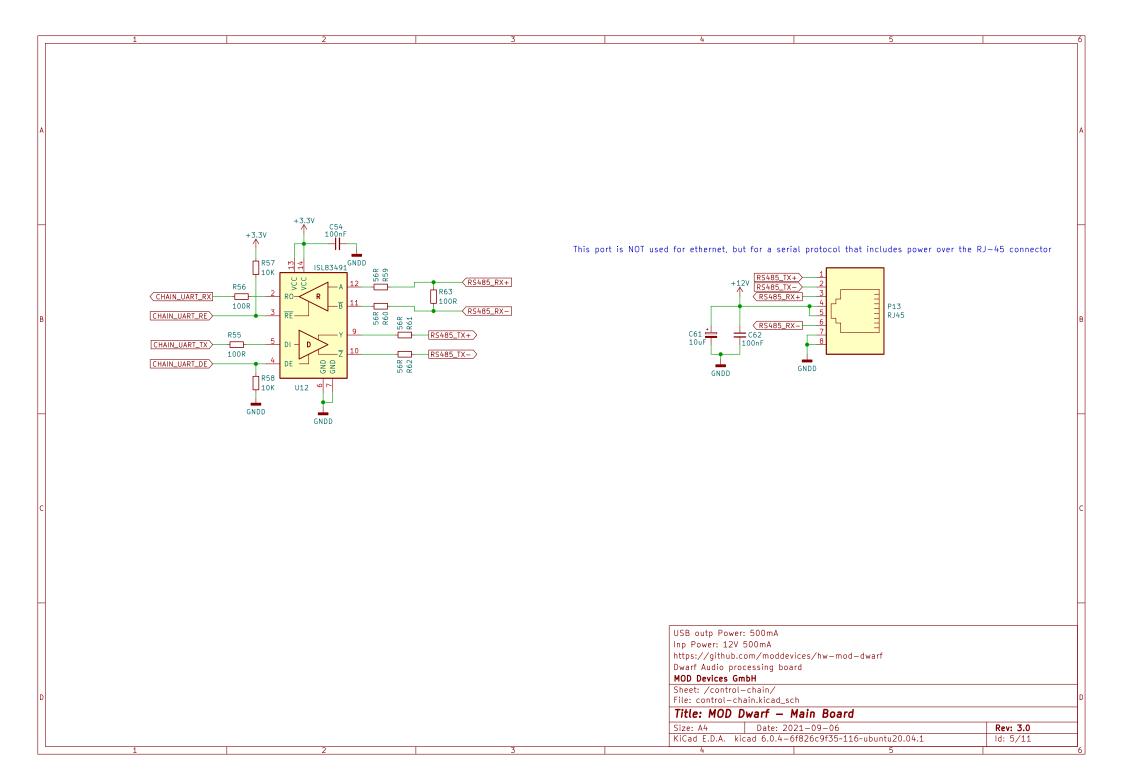
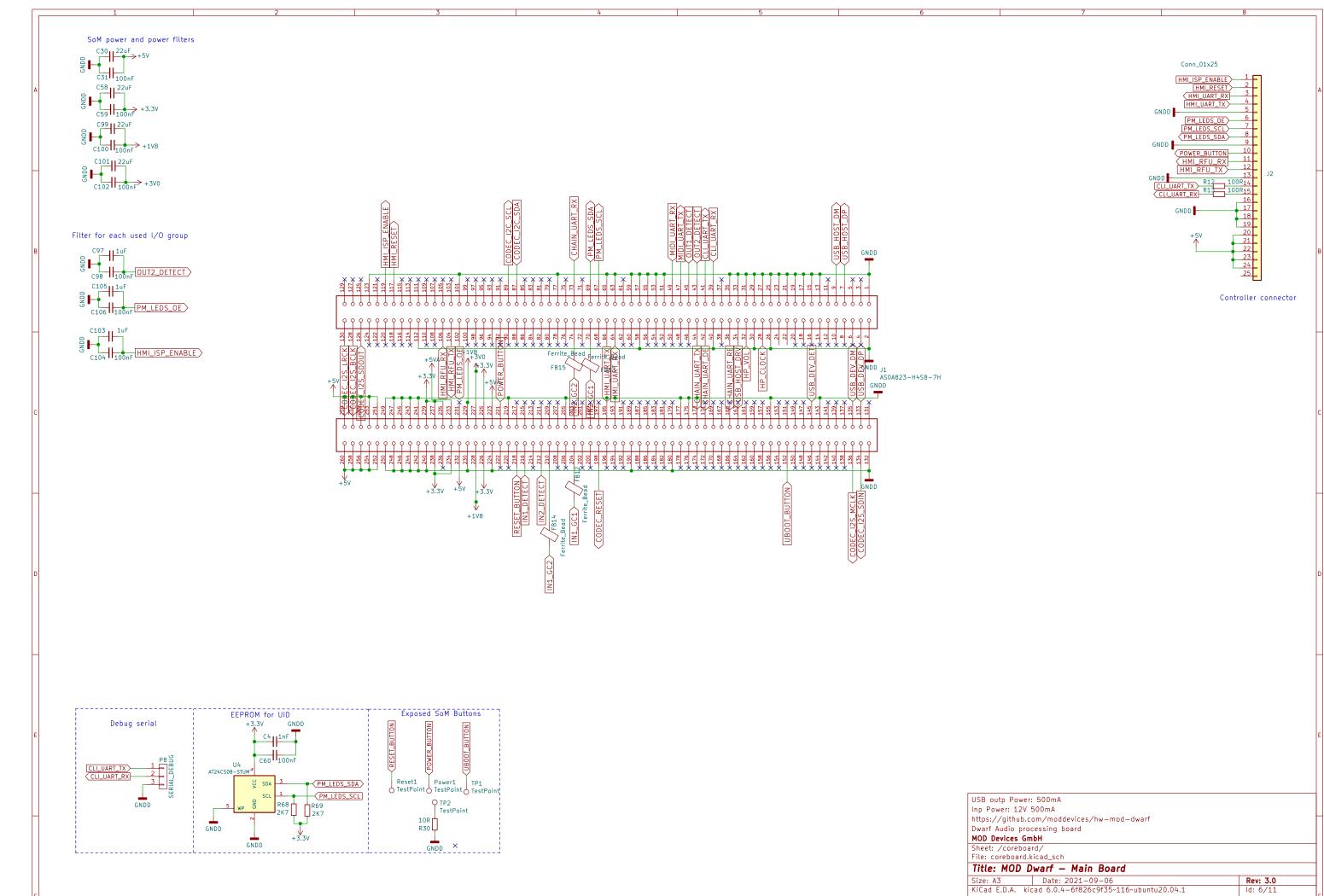
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<ul> <li>All other non-polarized capacitors</li> </ul>	ave 1% tolerance				
<ul> <li>Att other non-potarized capacitors</li> <li>Decoupling caps must be placed as</li> </ul>	d as CA* must use NPO Temp. Coef.				
becoupting caps must be placed as	should use X/K lemp. Coet.	nine			
	s close as possible of the re power	P1113			
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		Inp P https:	Power: 12V 500mA s://github.com/moddevi		
		Inp P https: Dwarf <b>MOD</b>	Power: 12V 500mA s://github.com/moddevi f Audio processing boar <b>Devices GmbH</b>		
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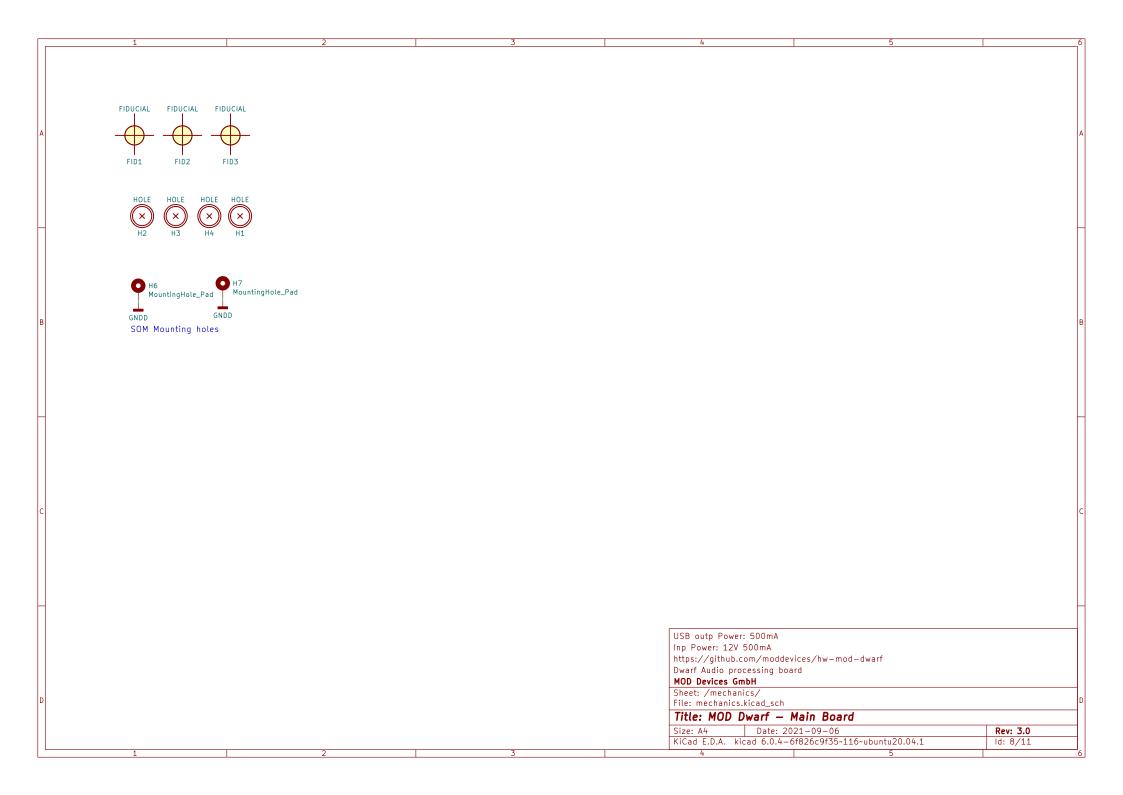


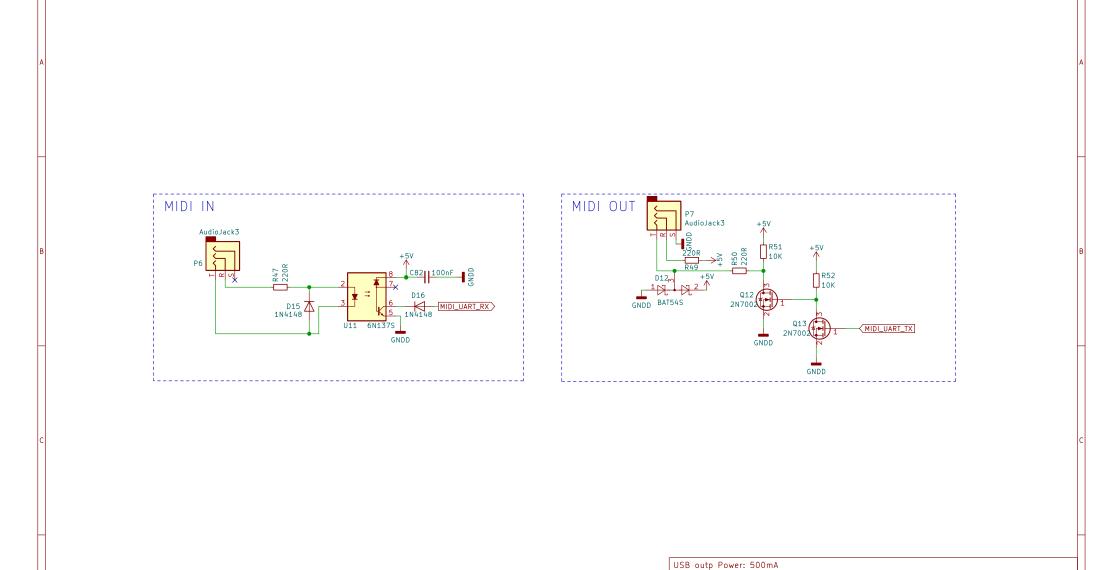






LM4811 has adjustable gain of -33dB to +12dB, this is applied to the main out signal Minimal load of 16 ohm with 0.1% THD+N Max power 105mW GNDA 100F MC664 MT R110 C67 CODEC\_DAC\_B MMBFJ211 10uF R91 C66 GNDA D17
BAT54S GNDA VOUT1 10uF C70 R103 6R8 /IN1 GNDA LM4811 C85 100nF 100uF R96 VIN2 VOUT2 ₽ 75K AudioJack3 SHDN UP/DN BYPASS GNDA GNDA CLOCK GNDA Q9 MMBFJ211 D18 BAT54S CODEC\_DAC\_A> GNDA R94 R95 22R 22R 10uF C71 R104 6R8 GNDA C86 100nF GNDA GNDA GNDA **↓** GNDA USB outp Power: 500mA Inp Power: 12V 500mA https://github.com/moddevices/hw-mod-dwarf Dwarf Audio processing board MOD Devices GmbH Sheet: /headphone/ File: Headphone.kicad\_sch Title: MOD Dwarf - Main Board Date: 2021-09-06 Size: A4 Rev: 3.0 KiCad E.D.A. kicad 6.0.4-6f826c9f35~116~ubuntu20.04.1 ld: 7/11





Inp Power: 12V 500mA

Dwarf Audio processing board
MOD Devices GmbH
Sheet: /midi/
File: midi.kicad\_sch

https://github.com/moddevices/hw-mod-dwarf

 Size: A4
 Date: 2021-09-06

 KiCad E.D.A. kicad 6.0.4-6f826c9f35-116-ubuntu20.04.1

**Rev: 3.0** Id: 9/11

Title: MOD Dwarf — Main Board

