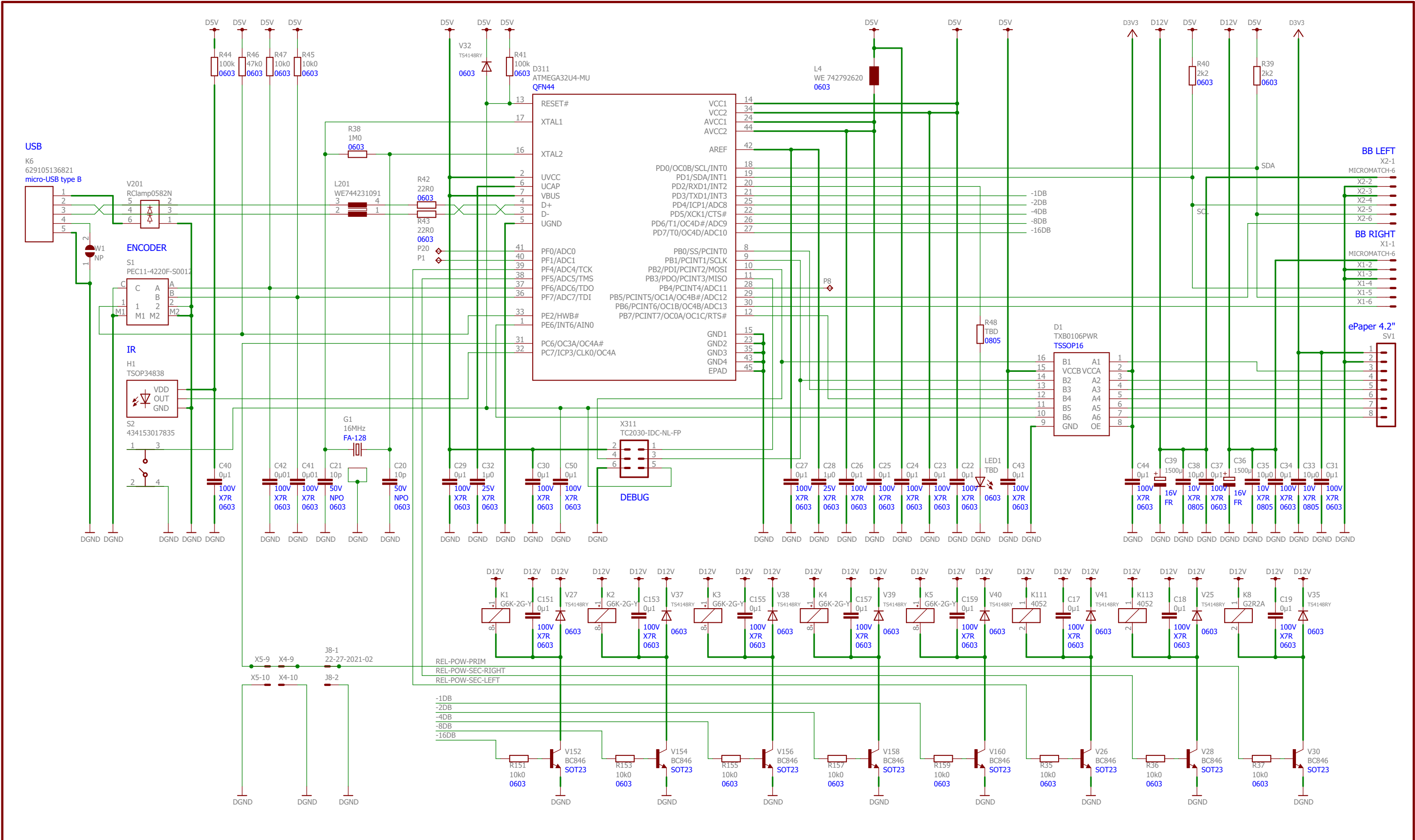


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PROPRIETARY

REV	DATE	CHANGE HISTORY
00a	30.03.2018	First iteration

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DRAWN JPS64 30/03/18	TITLE Amplifier Control Board Audio Loudspeaker and Line Inputs		REV 001
CHECKED	DATE 30.04.2018 07:21		DRG N°
DATE	FILE: UC-FAN_THT_V3		PAGE: 1/3



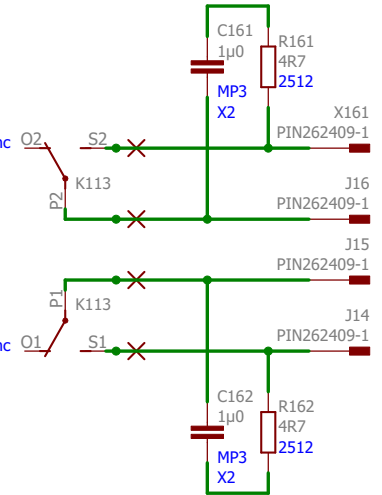
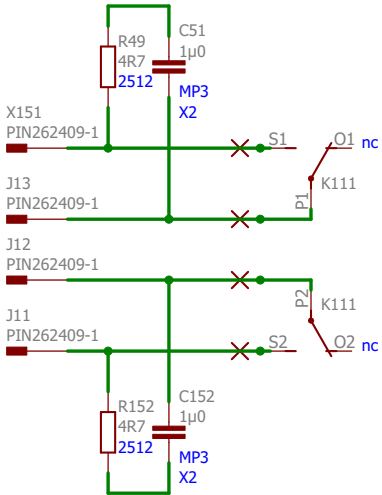
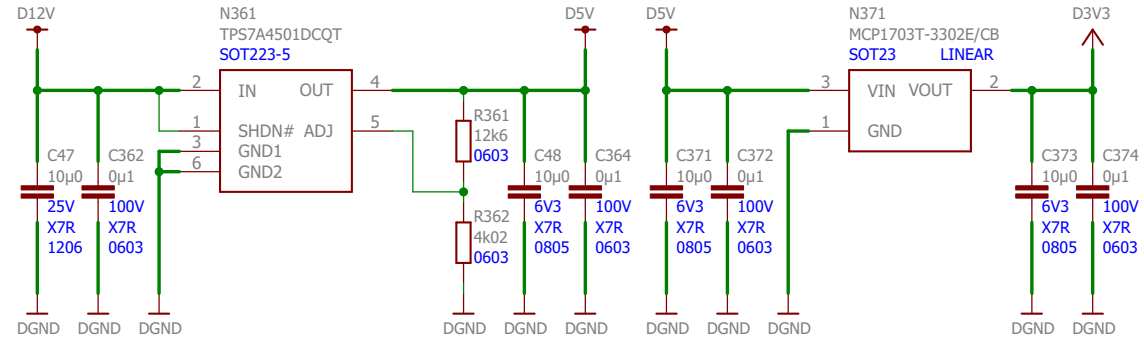
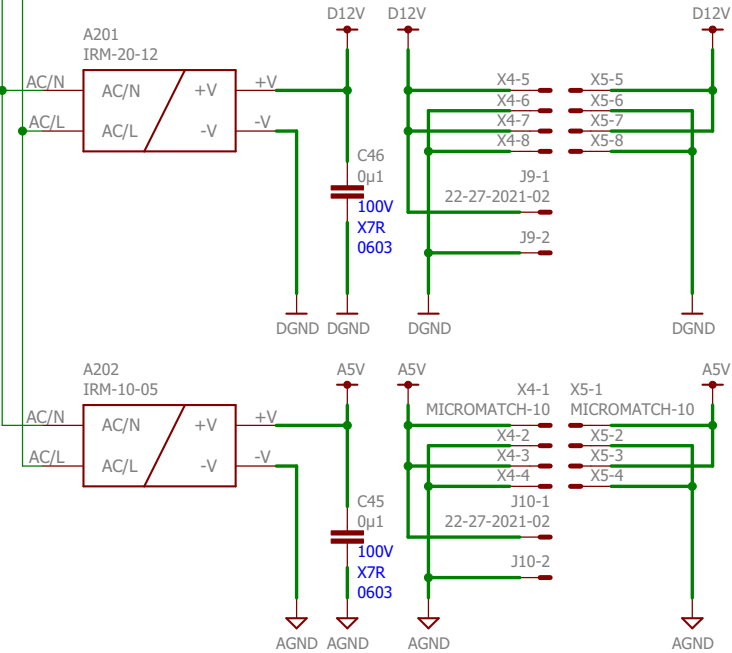
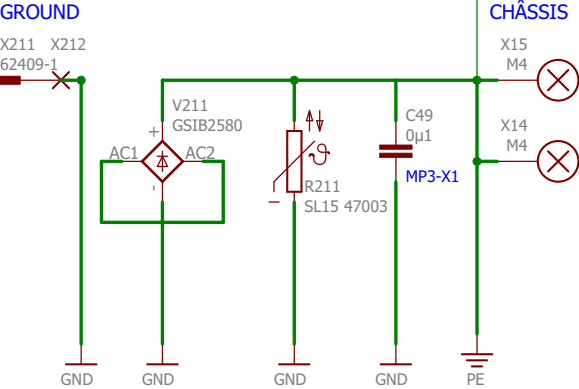
4.2" ePaper dispaly: eckstein-shop WS13454

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REV	DATE	CHANGE HISTORY	DRAWN	TITLE Amplifier Control Board				REV
			JPS64 30/03/18					Microcontroller
			CHECKED	DATE 30.04.2018 07:21				
			DATE					
00a	30.03.2018	First iteration		FILE: UC-FAN_THT_V3				PAGE: 2/3

115/230VAC IN
from main power EMI filtered connector



D12V: 5x G6K-2G-Y (5x 9.1mA) + 3x G2R2A (3x 43.6mA) + D5V + D3V3
D5V: ATMEGA32U4-MU (?640mA) + 2x ADUM1250ARZ (2x 106mA) + TXB0106PWR (50mA) + GLUE (100mA)
D3V3: TXB016PWR (50mA) + ePAPER (?100mA)
A5V: 2X MCP3221AXT-E/OT (2x 10mA) + 2x ADUM1250ARZ (2x 106mA)

D12V<180mA <9W IRM-20-12 (@1A/84%)
D5V<1000mA <5W TPS7A4501DCQT (@1.5A)
D3V3<150mA <0.5W MCP1703T-3302E/CB (@250mA)
A5V>232mA <1.2W

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REV	DATE	CHANGE HISTORY	DRAWN	TITLE				REV
			JPS64 30/03/18	Amplifier Control Board				001
			CHECKED	DATE				
				30.04.2018 07:21				DRG N°
			DATE	FILE: UC-FAN_THT_V3				PAGE: 3/3
00a	30.03.2018	First iteration						