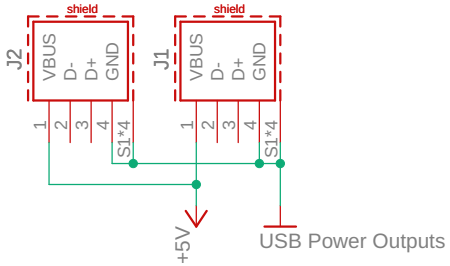
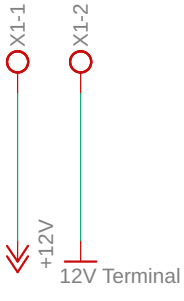
LautIO

TITLE: LautIO		
Document Number:		REV:
Date: 09.03.21 14:20	Sheet: 1/7	





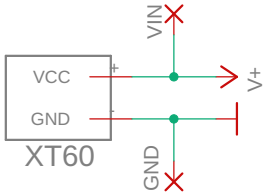
OUTA_N → OUT_A_-
OUTA_P → OUT_A_+

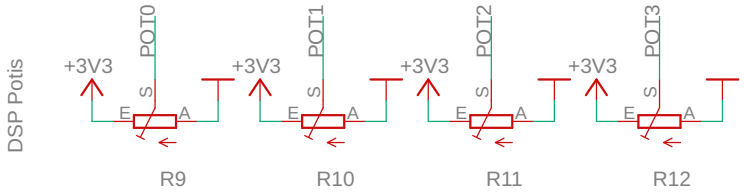
OUTB_N → OUT_B_-
OUTB_P → OUT_B_+

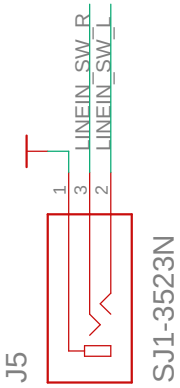
OUTC_N → OUT_C_-
OUTC_P → OUT_C_+

OUTD_N → OUT_D_-
OUTD_P → OUT_D_+

Voltage Input (Max 10S / 42v)
Recommended: Max 39V







IO

TITLE: LautIO

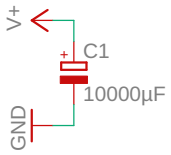
Document Number:

REV:

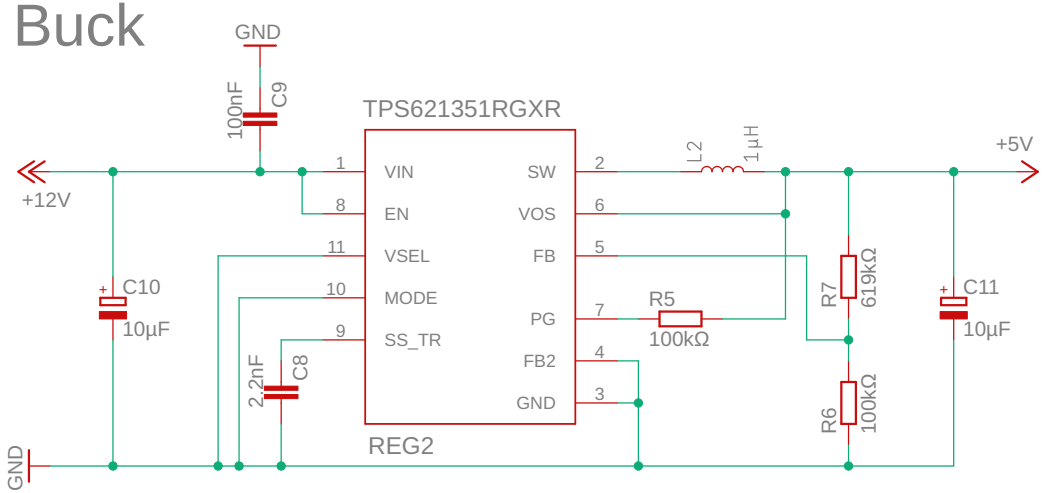
Date: 09.03.21 14:20

Sheet: 2/7

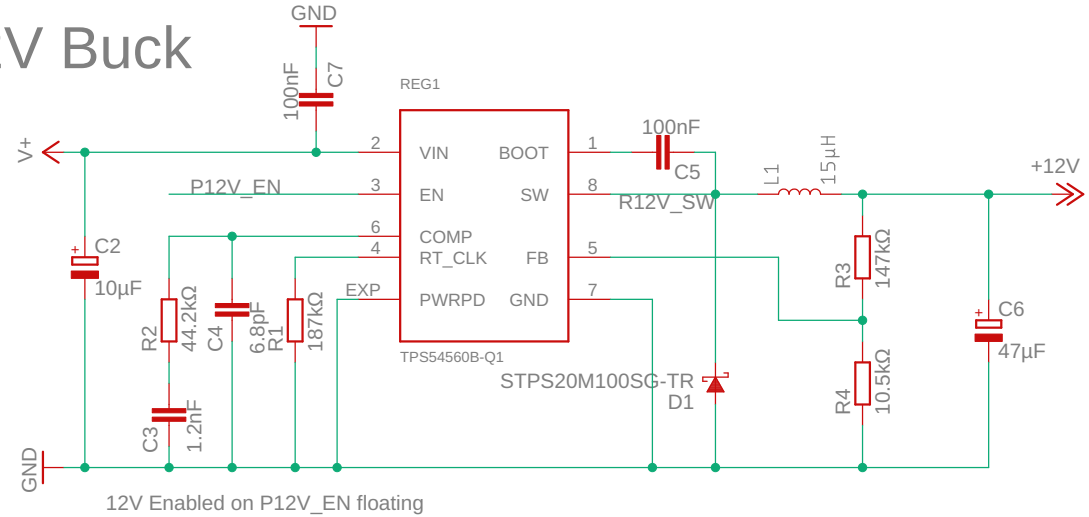
Power Cap



5V Buck



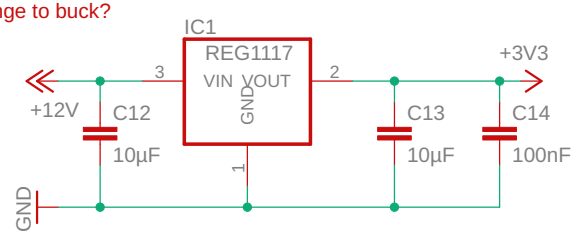
12V Buck



12V Enabled on P12V_EN floating

3V3 LDO

Maybe change to buck?



Power Supply

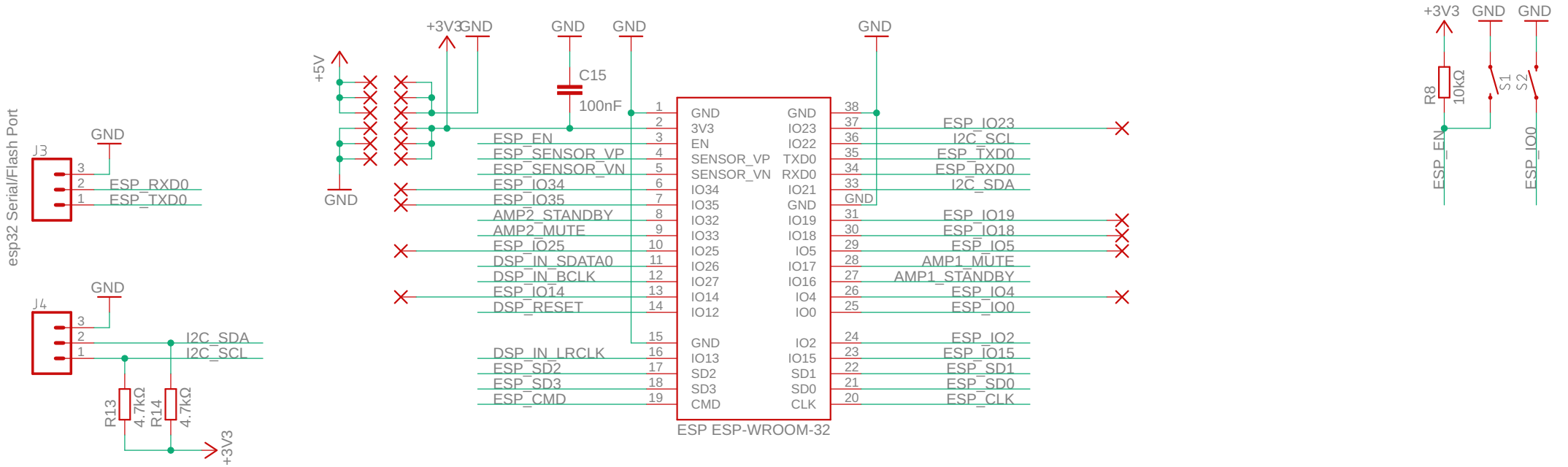
TITLE: LautIO

Document Number:

REV:

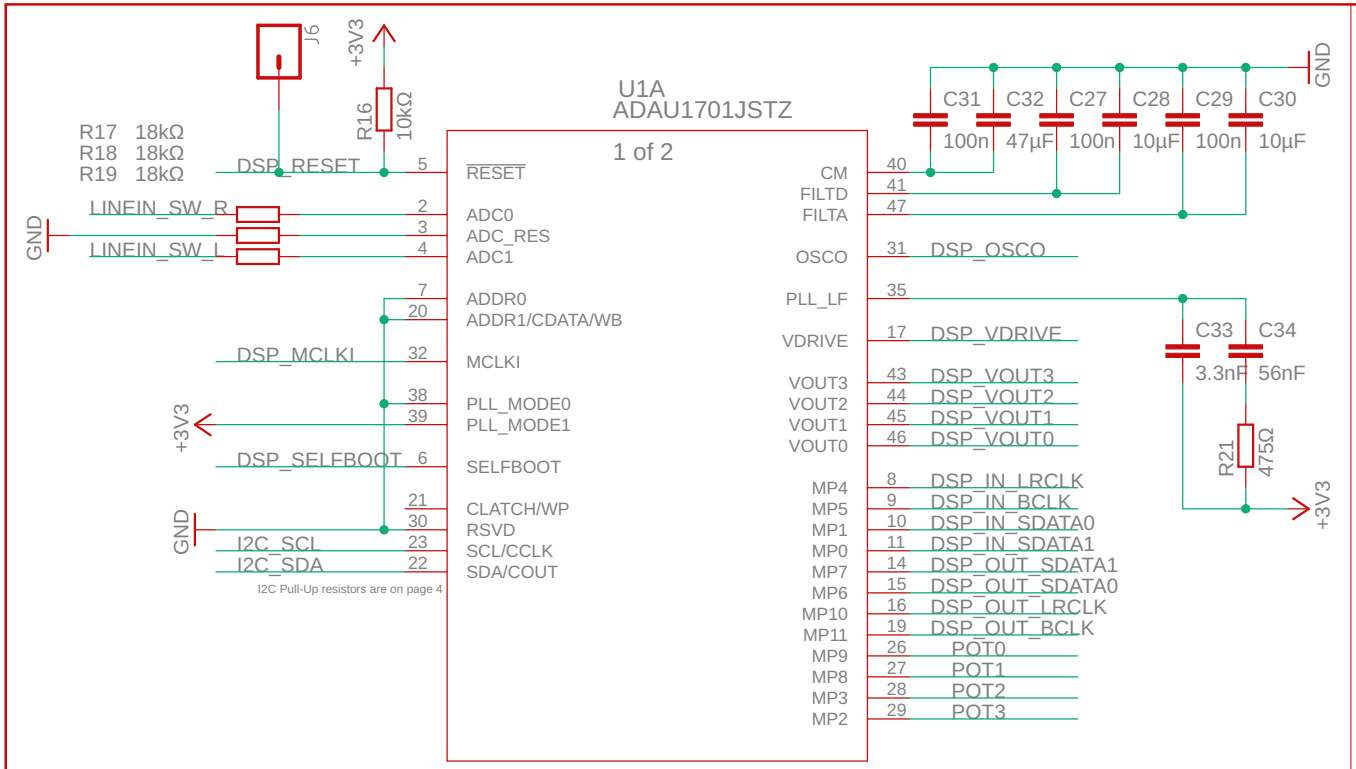
Date: 09.03.21 14:20

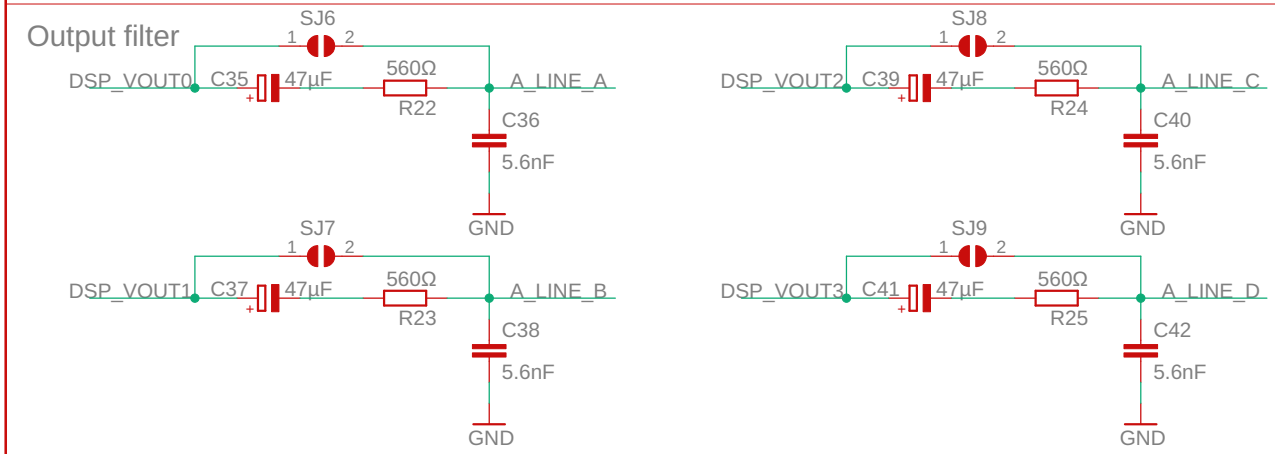
Sheet: 3/7

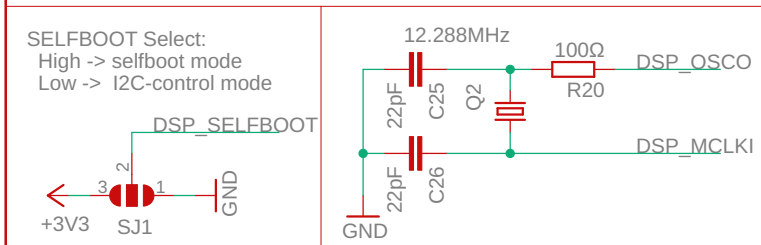


ESP32

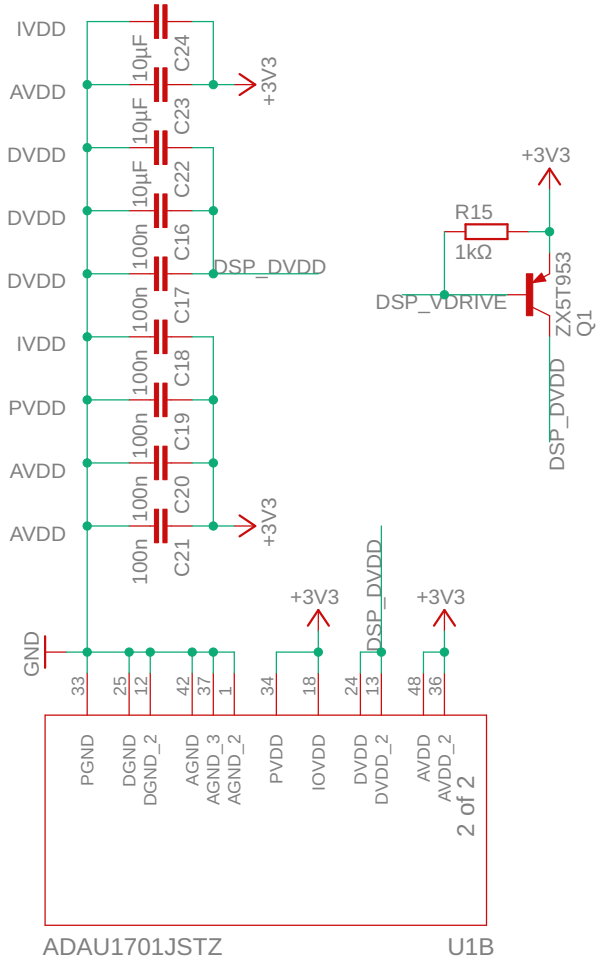
TITLE: LautIO	
Document Number:	REV:
Date: 09.03.21 14:20	Sheet: 4/7







Power Supply



DSP

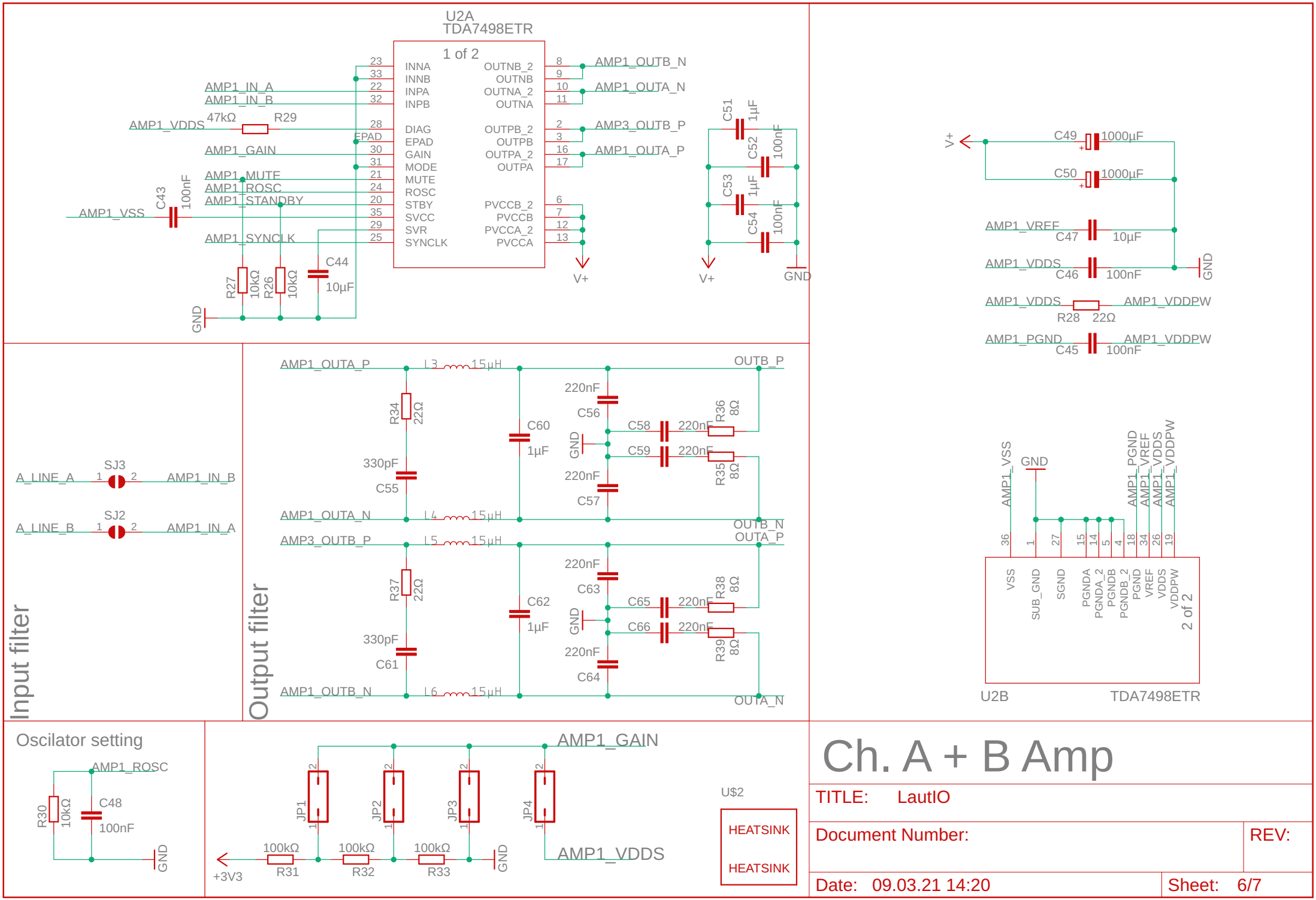
TITLE: LautIO

Document Number:

REV:

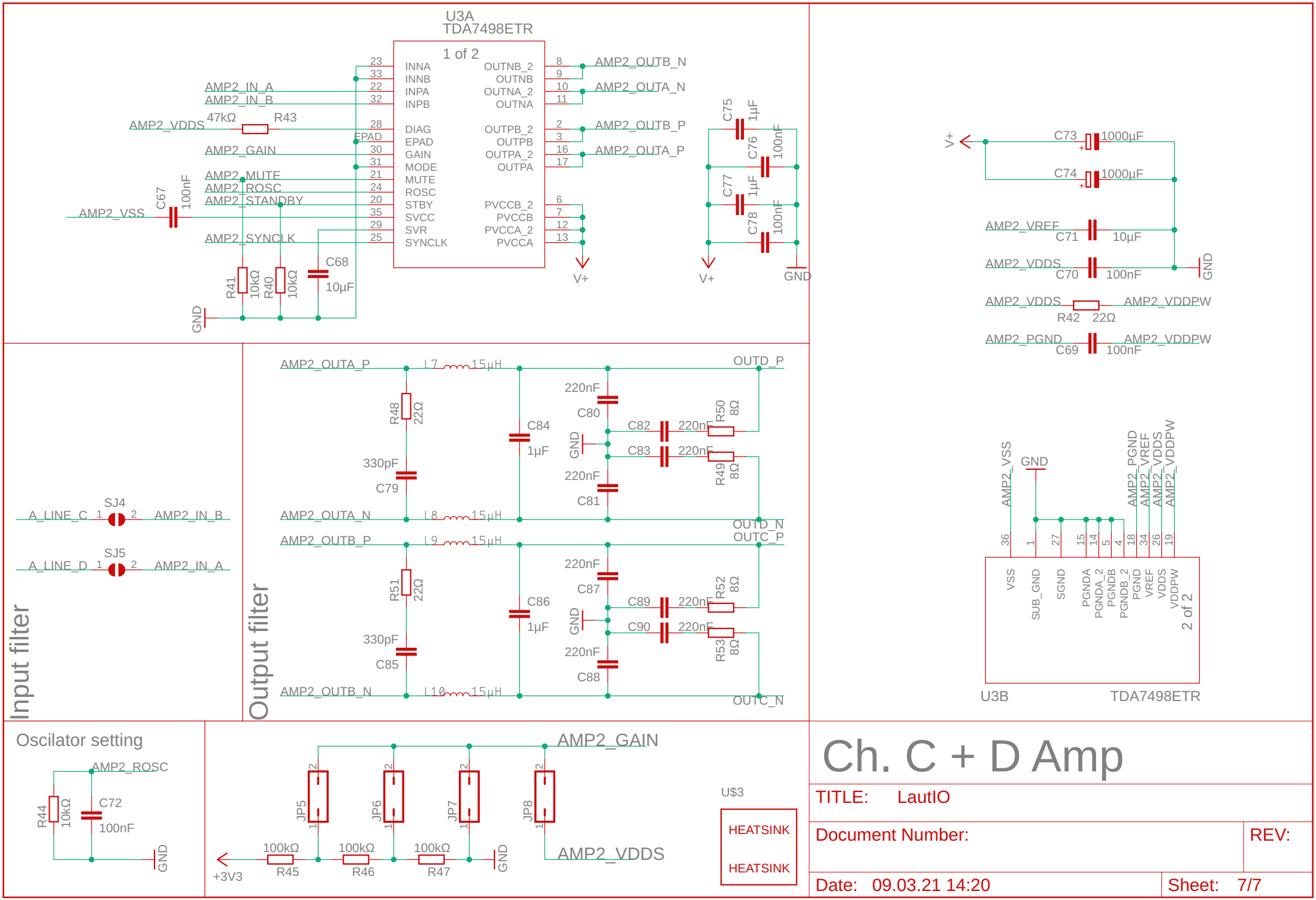
Date: 09.03.21 14:20

Sheet: 5/7



Ch. A + B Amp

TITLE: LautIO	
Document Number:	REV:
Date: 09.03.21 14:20	Sheet: 6/7



Ch. C + D Amp

TITLE: LautIO

Document Number:

REV:

Date: 09.03.21 14:20

Sheet: 7/7