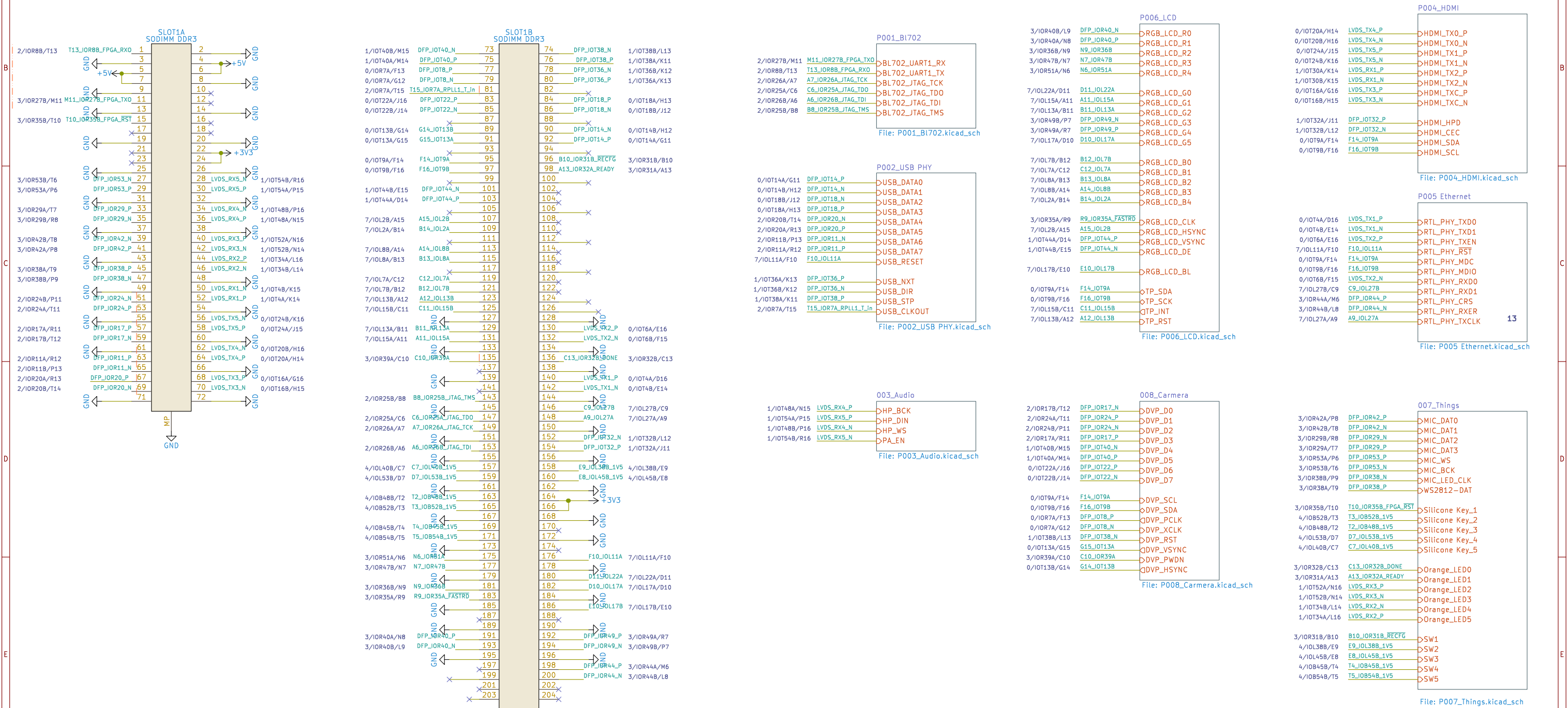


Tang Nano 20K Dock

Revision History

Version	Date	Change Note
7101	2022/02/21	First edition



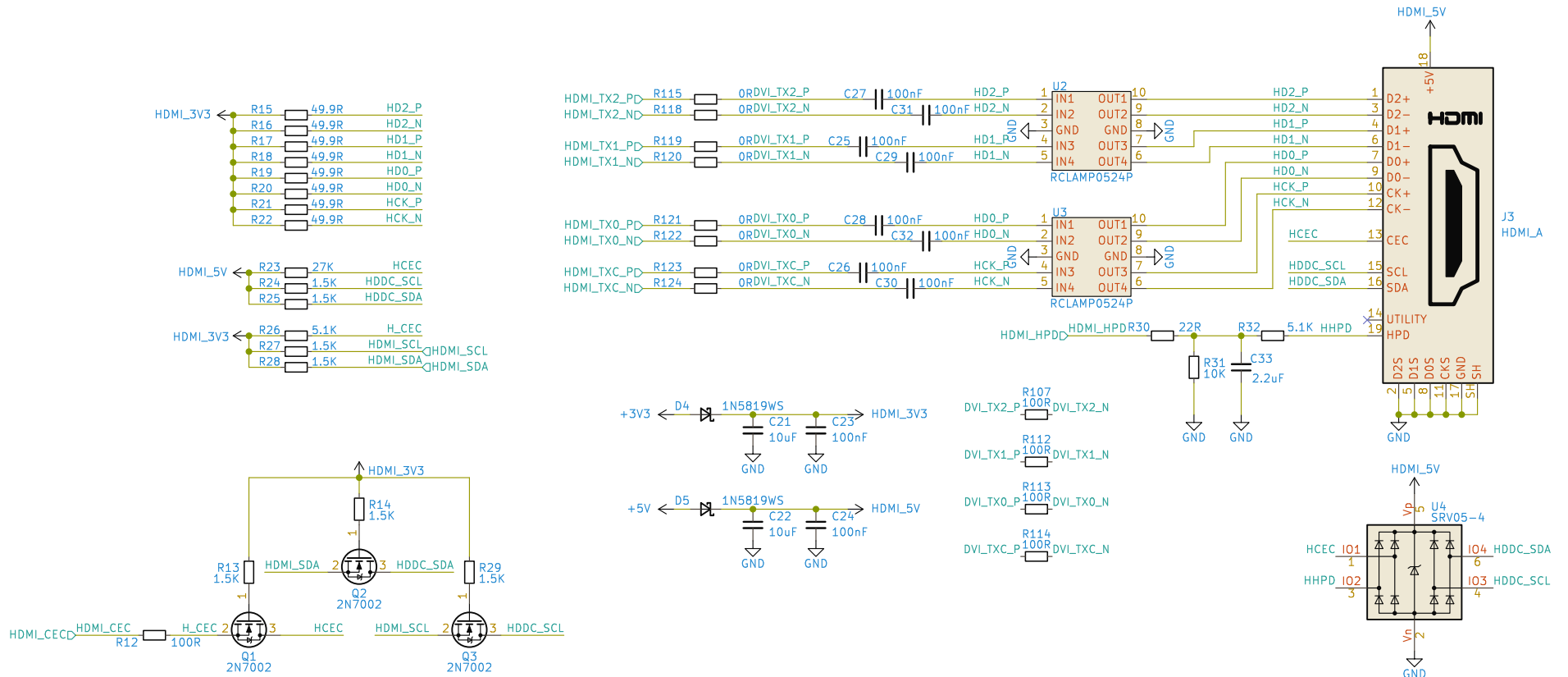
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Sheet: /
File: Tang_Primer_20K_Dock_3713.kicad_sch

Title: Tang_Primer_20K-Dock_3713

Size: A3	Date: 2023-09-12	Rev: 1.1
KiCad E.D.A. kicad (6.99.0-1732-g4cd48cd5c9)		Id: 1/9

HDMI_TX/RX



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Sheet: /P004_HDMI/

File: P004_HDMI.kicad_sch

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Size: A4

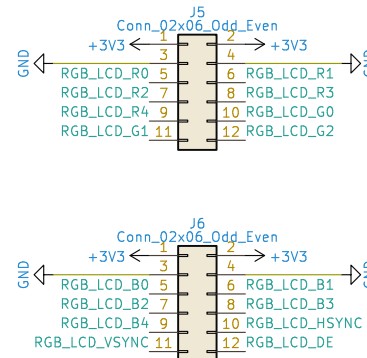
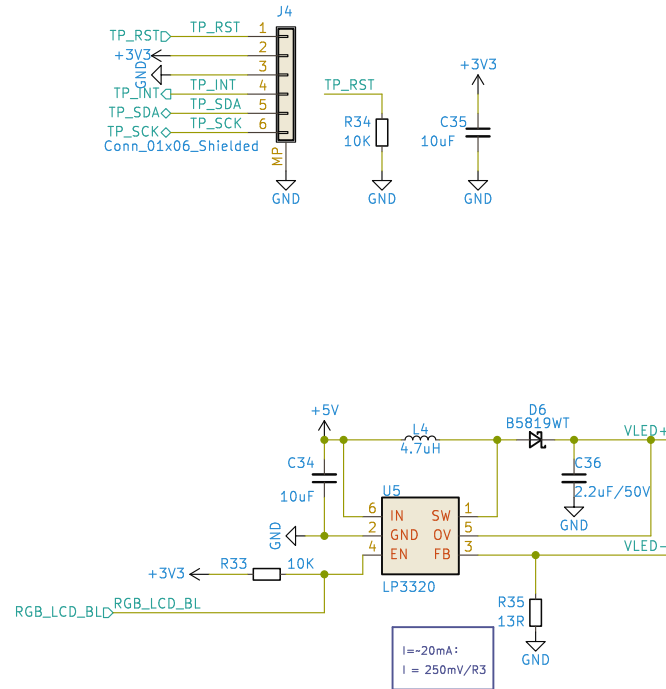
Date: 2023-09-12

Rev: 1.1

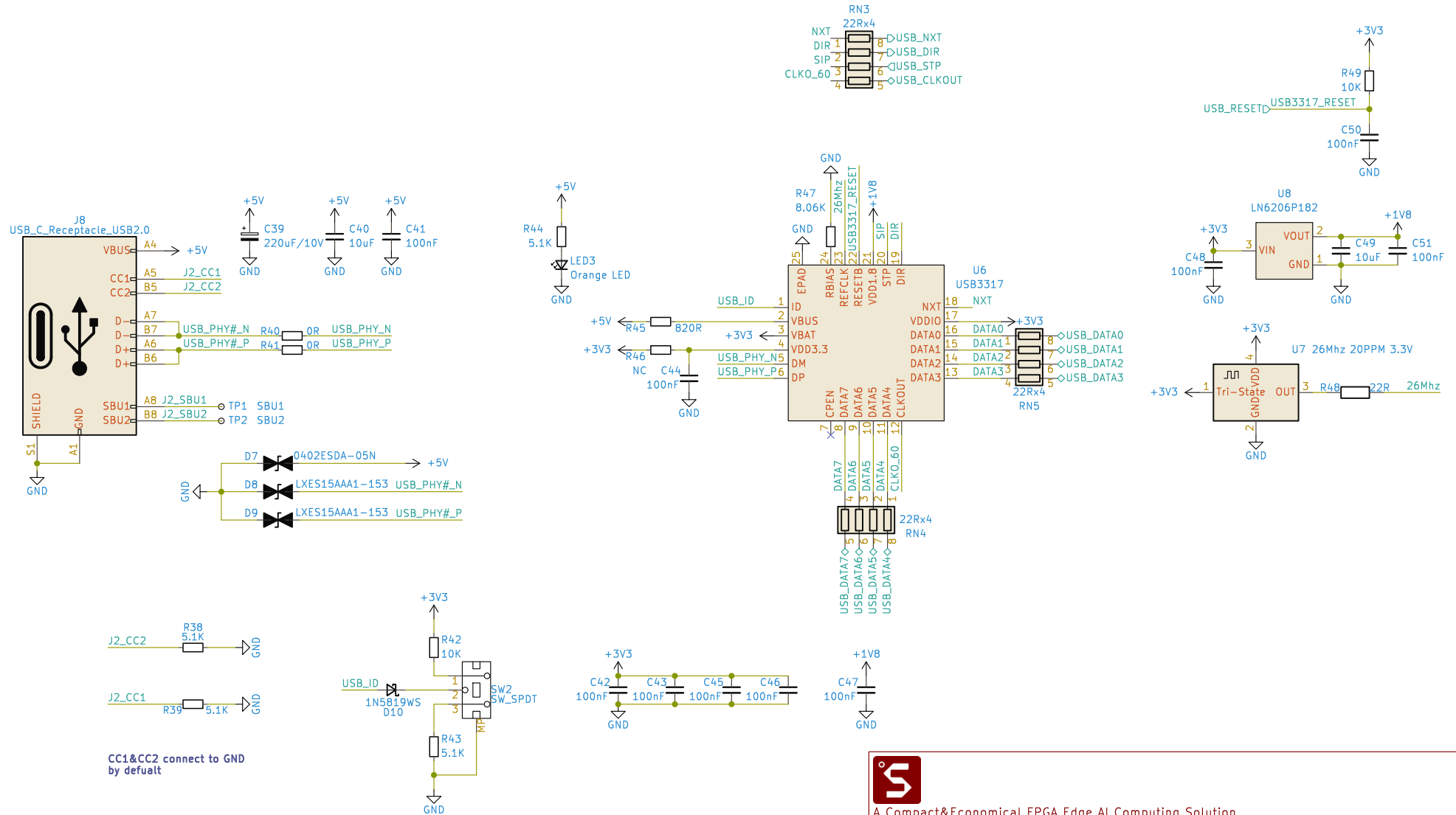
KiCad E.D.A. kicad (6.99.0-1732-g4cd48cd5c9)

Id: 5/9

RGB LCD



USB 2.0 PHY-IN BANK7



CC1&CC2 connect to GND by default



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Sheet: /P002_USB PHY/
File: P002_USB PHY.kicad_sch

Title: Tang_Primer_20K-Dock_3713

Size: A4 Date: 2023-09-12

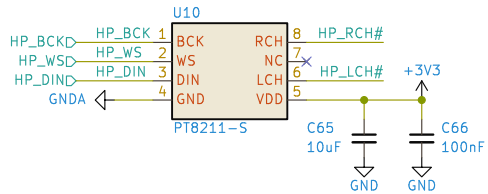
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Rev: 1.1

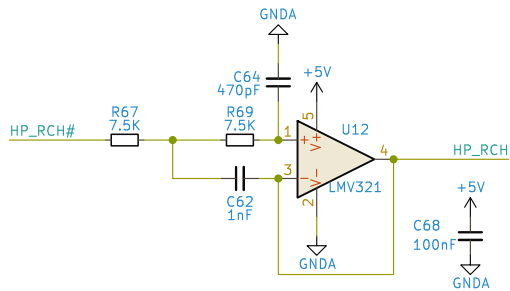
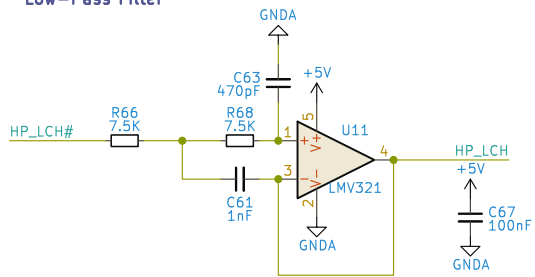
Id: 7/9

Audio

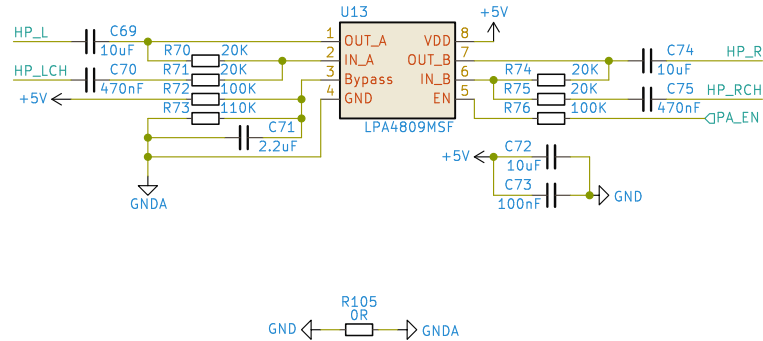
STEREO DAC



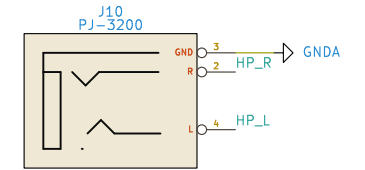
Low-Pass Filter



HEADPHONE AMP.



HEADPHONE JACK 3.5MM



When the jack is unplugged, L/R_DET is connected to L/R.



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Sheet: /003_Audio/

File: P003_Audio.kicad_sch

Title: Tang_Primer_20K-Dock_3713

Size: A4

Date: 2023-09-12

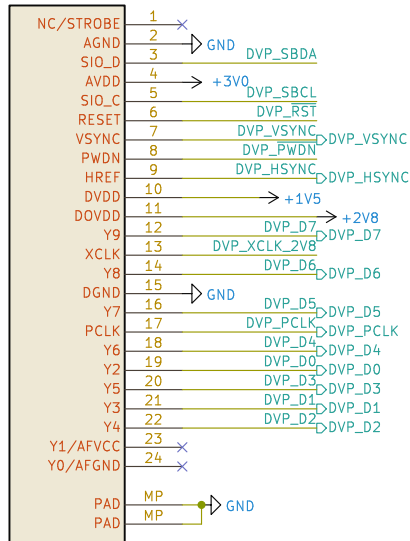
Rev: 1.1

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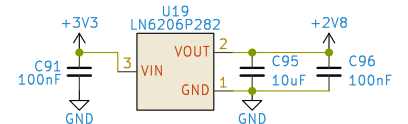
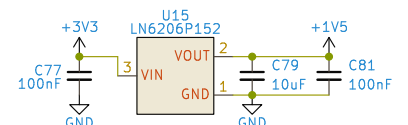
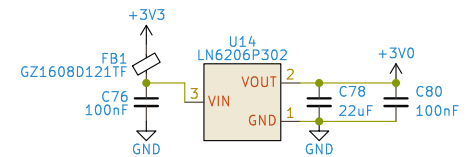
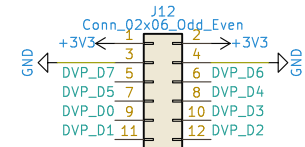
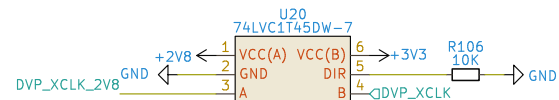
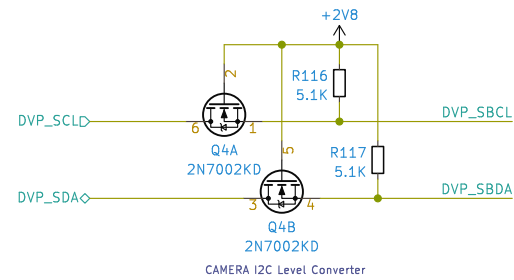
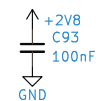
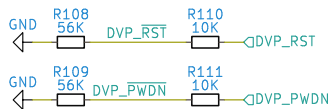
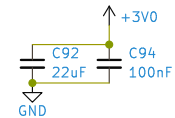
Id: 8/9

DVP Carmera

J11
FPC 0.5mm 24P 2.0H backlock



NOTICE:
DOVDD refers to I/O Bank voltage



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Sheet: /008_Carmera/
File: P008_Carmera.kicad_sch

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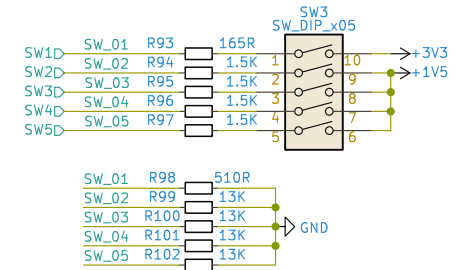
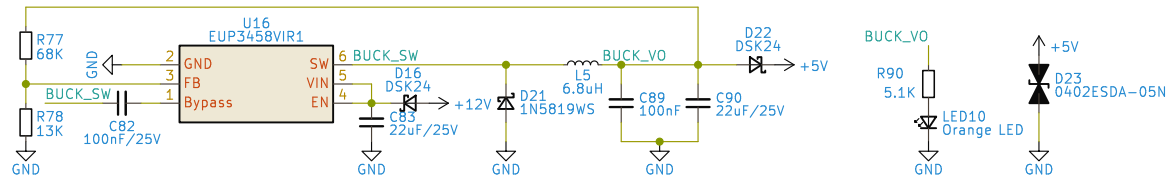
Size: A4 Date: 2023-09-12

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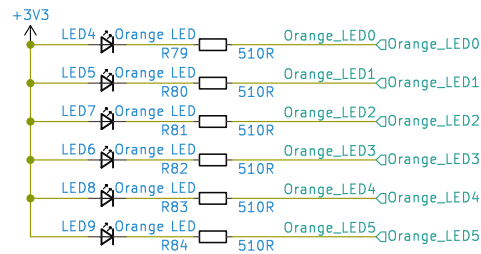
Rev: 1.1

Id: 9/9

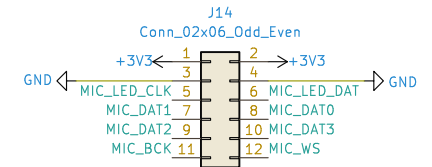
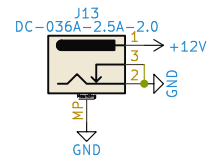
DC-IN BUCK



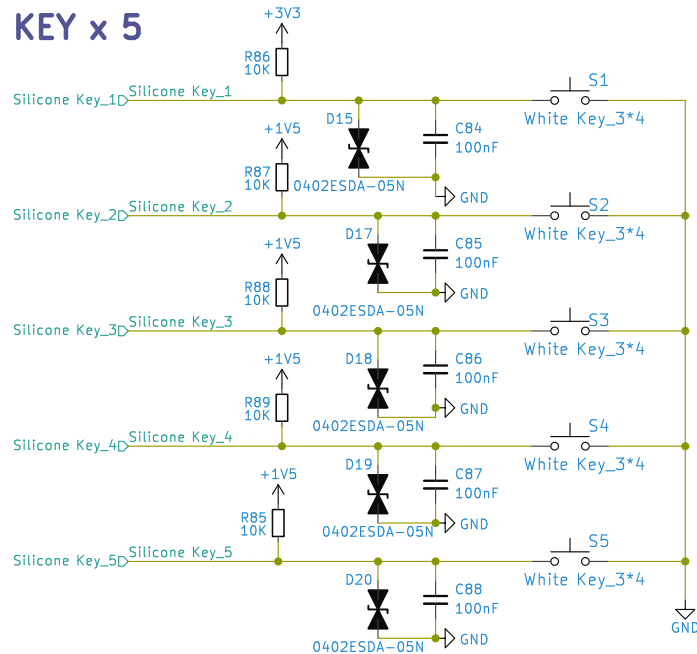
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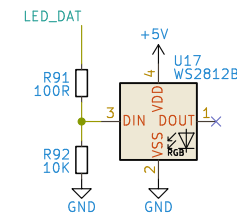
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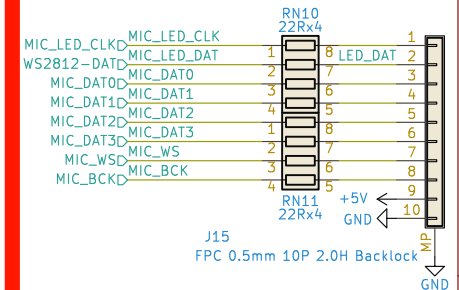
KEY x 5



WS2812B



MIC Array Conn.



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Sheet: /007_Things/
File: P007_Things.kicad_sch

Title: Tang_Primer_20K-Dock_3713

Size: A4 Date: 2023-09-12
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Rev: 1.1
Id: 9/9