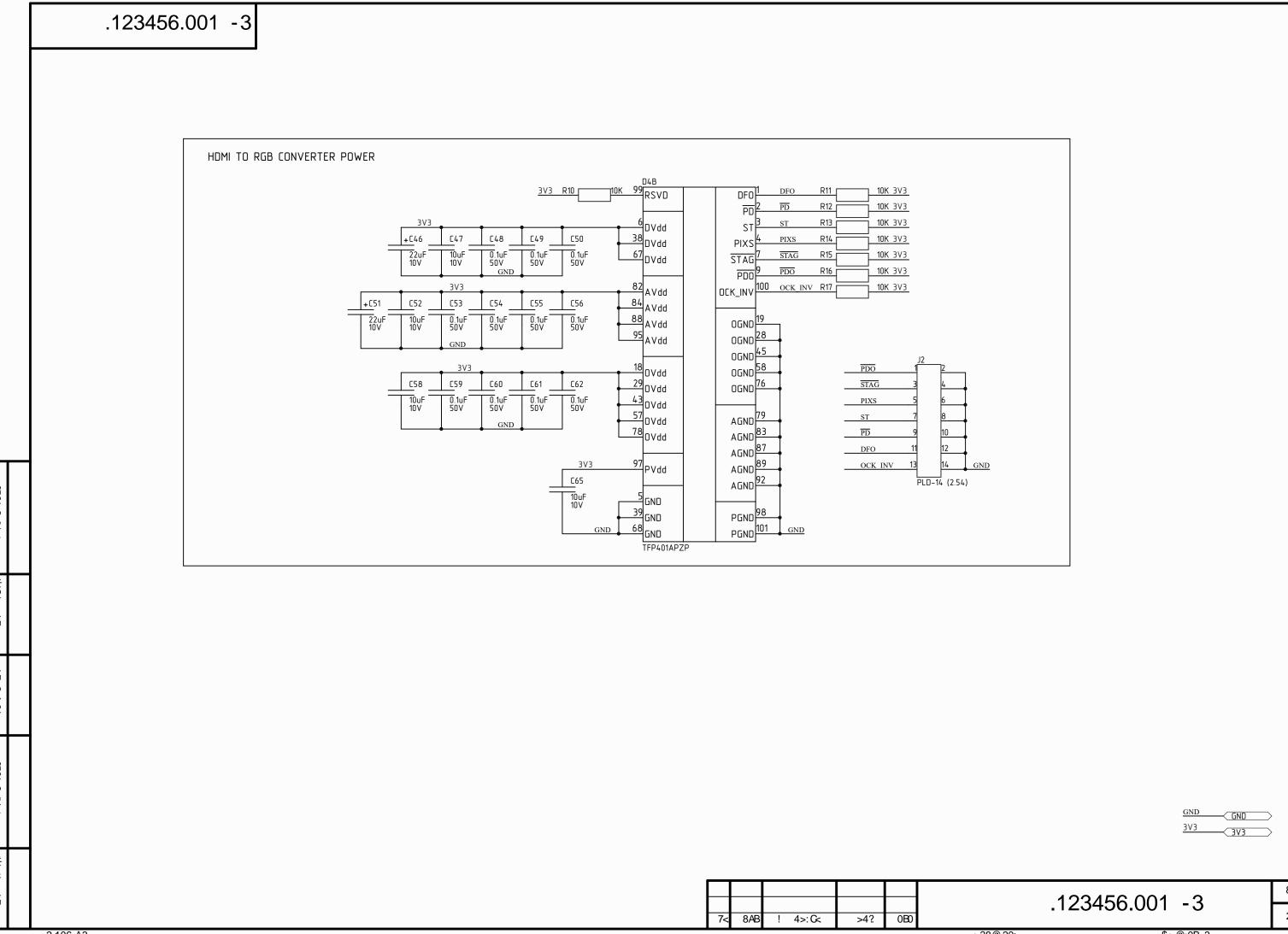


2.106-A3

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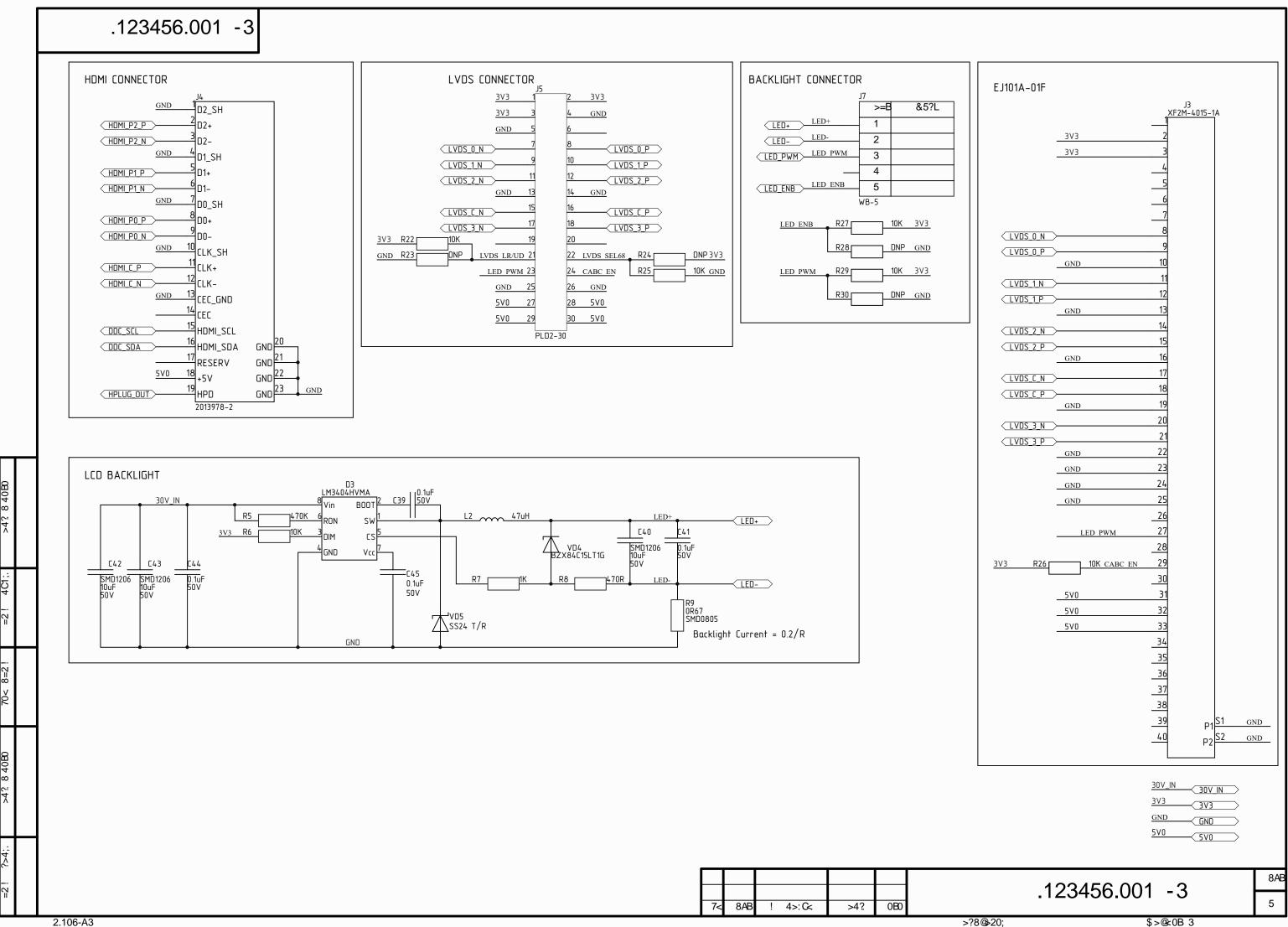
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2.106-A3 >?8 @ 20; \$>@ 0B 3

.123456.001 -3 RGB TO LVDS CONVERTER HDMI TO RGB CONVERTER $YO N \stackrel{48 \text{ LVDS } 0 \text{ N}}{\longrightarrow} LVDS_0N$ HDMI P0 N 91 Rx0-Y0_P 47 LVDS 0 P LVDS_0_P HDMI P0 P 90 Rx0+ 54 D2 EXT_RES 96 Y1_N 46 LVDS 1 N LVDS_1_N HDMI P1 N 86 CTL3 42 Y1_P 45 LVDS 1 P LVDS 1.P <u>HDMI P1</u> P 85 CTL2 Y2_N 42 LVDS 2 N LVDS_2_N R4 HDMI P2 N 81 Rx2-CTL1 40 Y2_P 41 LVDS 2 P LVDS_2_P R7 HDMI P2 P 80 SCDT CLKOUT_N 40 LVDS C N LVDS C N R5 HDMI C N 94 CLKOUT_P 39 LVDS C P LVDS C P G0 HDMI C P 93 Y3_N 38 LVDS 3 N LVDS_3_N G1 22R VSYNC G2 Y3_P 37 LVDS 3 P LVDS 3 P HSYNC 48 LCD HSYNC R37A 22R HSYNC 10K GND ODCK 44 LCD CLK 22R CLK R37D R19 i DNP 3V3 CLKSEL SHTDN 32 R20 10K 3V3 R38A 22R LCD B0 Q00 49 Q 01 50 22R LCD B1 R38B 3V3 QO2 51 HDMI PORT PROTECTION IO_Vcc R38C Q03 52 IO_Vcc 22R LCD B3 5V0 R38D Q04⁵³ Vcc R38E B4 QE4 Q05 54 PLL_Vcc R38F 22R LCD B5 15 15V0_IN 5V_0UT 38 LVDS_Vcc Q 06 55 R38G ESD_BYP 37 Q 07 56 22R LCD B7 17 R38H Q08⁵⁹ GND <u>G</u>0 R40A 22R LCD G0 20 GND 13 HDMI P2 P D2+ 35HDMI P2 P HDMI P2 P 1 122R LCD G1 21 QE9 Q 09 60 G1 R40B 1 122R LCD G2 22 QE10 GND R40C Q 0 10 61 G2 D2- 33HDMI P2 N HDMI P2 N Q O 11 62 HDMI P2 N 1 122R LCD G3 23 QE11 GND R40D G3 HDMI P1 P D1+ 32HDMI P1 P HDMI_P1_P 1 122R LCD G4 24 QE12 GND R40E Q 012 63 G4 7<u>10K D23 25</u> D23 GND 31 GNDGND R40F G5 Q 0 1 3 6 4 HDMI P1 N D1- 30HDMI P1 N HDMI P1 N HSYNC 1 122R LCD G6 26 QE14 GND Q014 65 R40G G6 HDMI P0 P 10 D0+ VSYNC DO+ 29HDMI PO P HDMI_PO_P GND R40H G7 Q 015 66 GND Q 016 69 Q 017 70 R41A 22R LCD R0 30 GND 53 HDMI P0 N 12 D0-DO-27HDMI PO N HDMI_PO_N 31 CLKIN GND R1 R41B HDMI C P CK+ 26HDMI C P HDMI_C_P SN75LVDS83BDGGR 122R LCD R2 32 QE18 QO18 71 R41C 14 GND Q O 19 72 R41D HDMI C N 15 CK-CK-24HDMI C N HDMI_C_N 0020 73 R41E 16 CE_IN CE_OUT 23 R41F QO21 74 _____DDC_CLK_IN DDC_CLK_OUT 22DDC_SCL DDC_SCL QO22 75 R41G 18 DDC_DAT_IN DDC_DAT_OUT 21DDC_SDA DDC_SDA 1 122R LCD R7 37 QE23 QO23 77 R41H 0.1uF 0.1uF 0.1uF 0.1uF 0.1uF 10uF 10 V HPLUG_OUT 20HPLUG_OUT HPLUG_OUT 19 HPLUG_IN HPLUG_IN 10 V 50 V TFP401APZP TPD12S521 DDC SCL R42 DDC SDA R43F HPLUG OUT R44 7 10K GND ✓ GND **─**√3V3 5V0 5V0 .123456.001 -3 8AB 4>: C< >4?

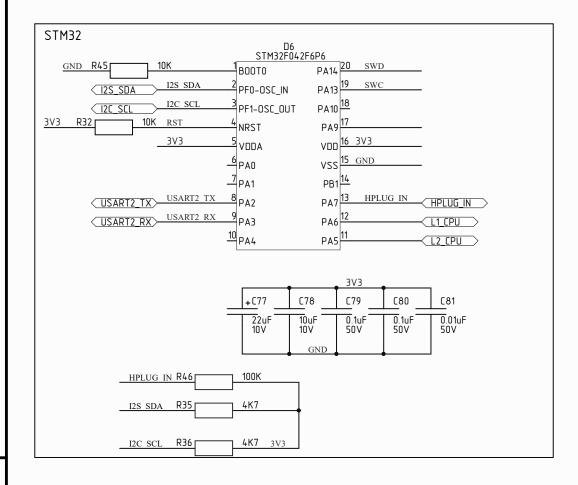
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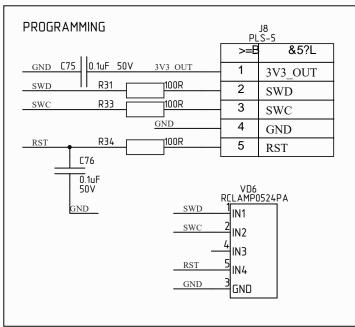


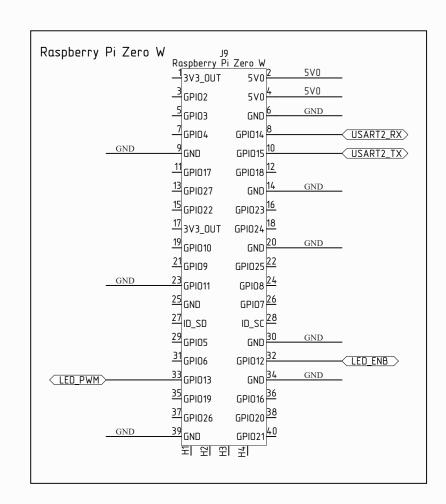
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3V3 3V3 5V0 5V0 GND GND

7< 8AB ! 4>: C< >4? 0B0

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