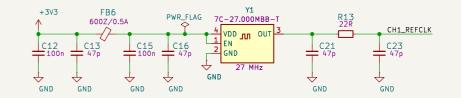
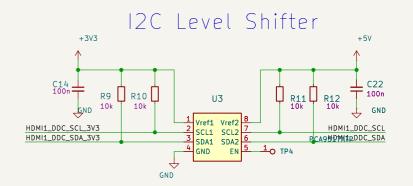


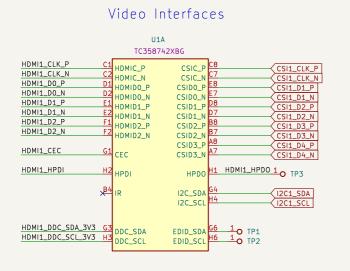
Connectors J2 471511001 HOMI +3V3 U2 TPD8S009DSMR HDMI1_D2_P 1 HDMI1_D2_N 3 HDMI1_D1_P 4 HDMI1_D1_N 6 HDMI1_D0_P 7 HDMI1_D0_N 9 HDMI1_CLK_P 10 HDMI1_CLK_N 12 D3- GND HDMI1_DDC_SCL HDMI1_DDC_SDA HDMI1_CLK_N HDMI1_CEC DUMMY1 HDMI1_DDC_SCL HDMI1_CEC D1S D0S HPD/HEAC-4 UTILITY/HEAC+ CKS 11 HDMI1_POWER HDMI1_HPD GND SH HDMI1_POWER FB1 PWR_FLAG 🔷 120Z/3A HDMI1_HPD HDMI1_POWER HDMI1_HPDI

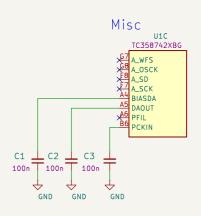
27MHz Oscillator

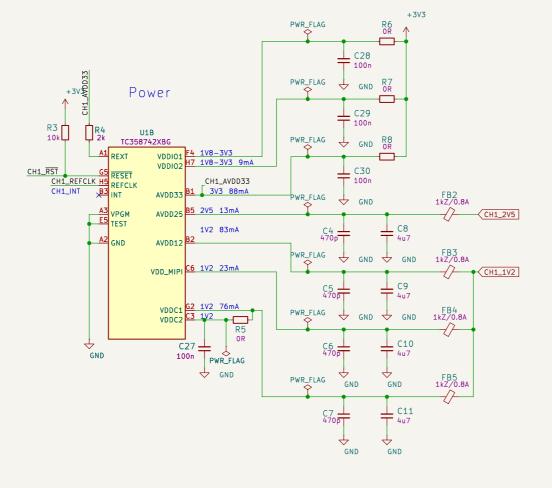




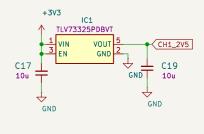
Converter IC

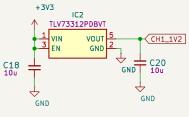






Voltage Regulators



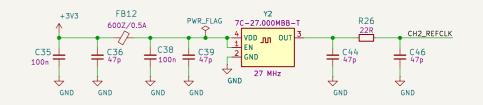


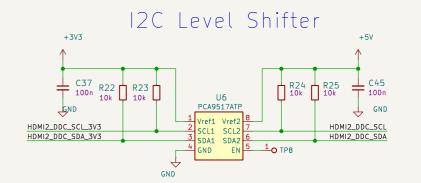




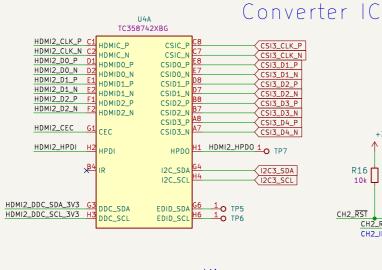
Connectors J4 471511001 HOMI HDMI2_D2_P HDMI2_D2_N +3V3 U5 TPD8S009DSMR / HDMI2_D2_P HDMI2_D2_N HDMI2_D1_P HDMI2_DO_N HDMI2_CLK_P HDMI2_D1_N HDMI2_D0_P HDMI2_CLK_N HDMI2_CEC DUMMY2 HDMI2_DDC_SCL HDMI2_DDC_SDA HDMI2_HPD DUMMY2 HPD/HFAC-DOS 14 UTILITY/HEAC+ CKS HDMI2_POWER HDMI2_HPD HDMI2_POWER FB7 120Z/3A HDMI2_HPD UK HDMI2_POWER HDMI2_HPDI R15

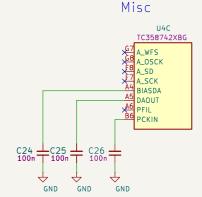
27MHz Oscillator

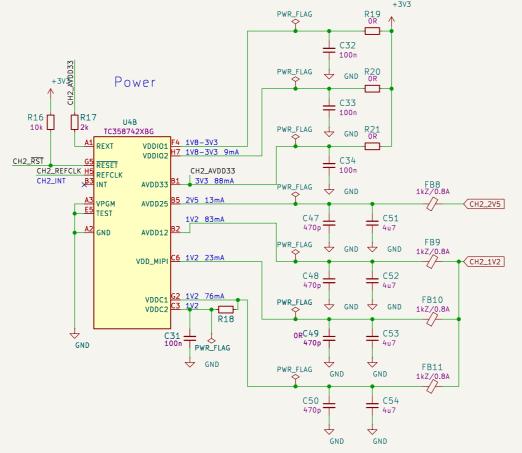




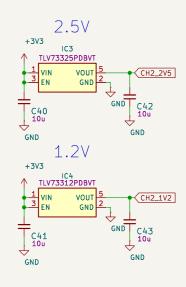
Video Interfaces







Voltage Regulators



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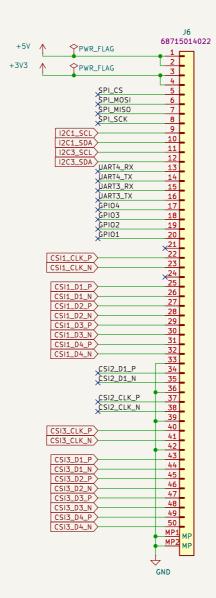
Title: HDMI-MIPI Bridge

Size: A3 Date: 2023-07-20 Rev: 1.3.1:ad9aa

KiCad E.D.A. kicad-cli 7.0.11 Id: 3/4



Camera board connector











Sheet: /CSI/ File: csi.kicad_sch

 Title: HDMI-MIPI Bridge

 Size: A3
 Date: 2023-07-20

 KiCad E.D.A. kicad-cli 7.0.11

Rev: 1.3.1:ad9aa