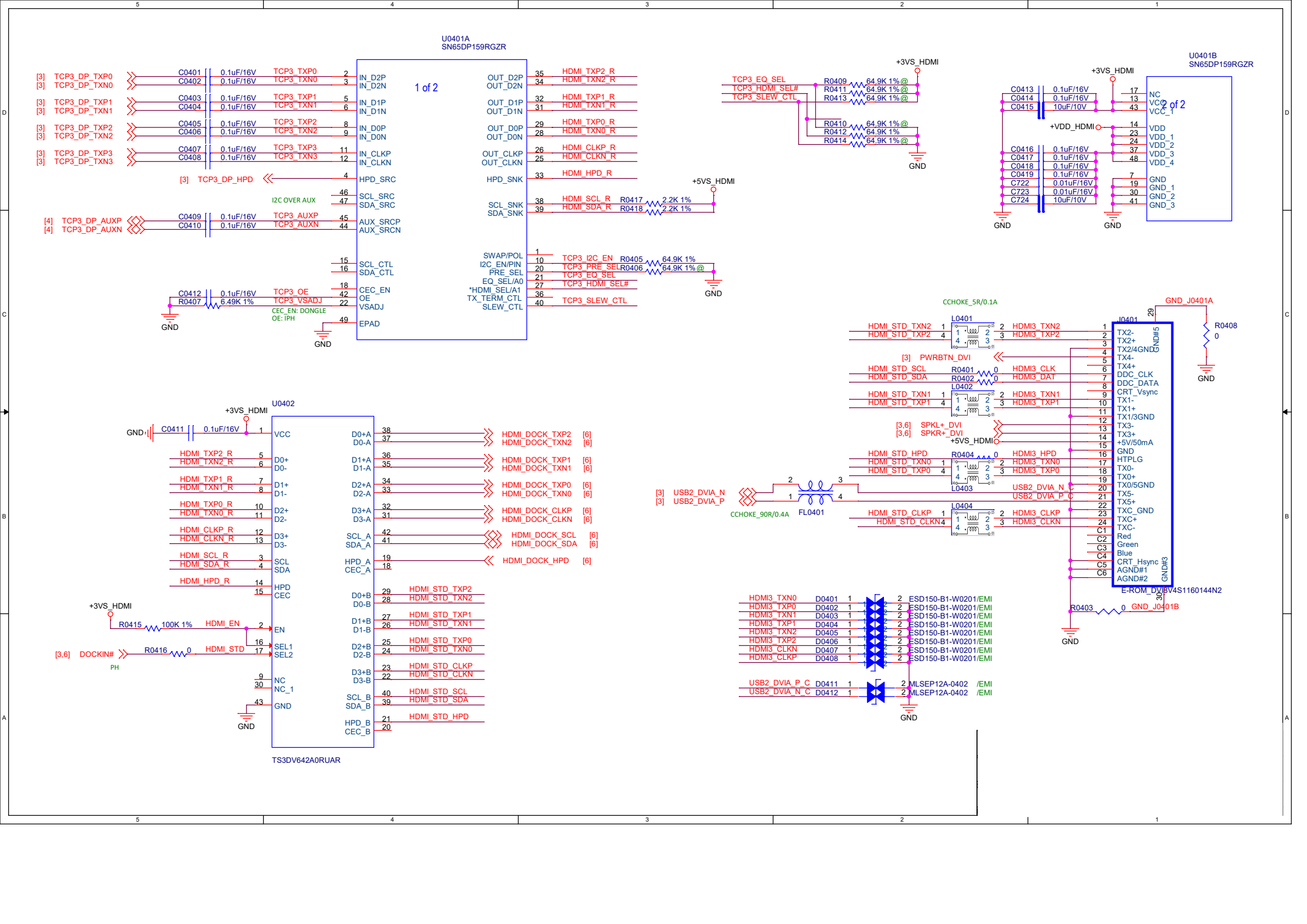
U0401A
SN65DP159RGZR
1 of 2
[3] TCP3_DP_TXP0
[3] TCP3_DP_TXN0
[3] TCP3_DP_TXP1
[3] TCP3_DP_TXN1
[3] TCP3_DP_TXP2
[3] TCP3_DP_TXN2
[3] TCP3_DP_TXP3
[3] TCP3_DP_TXN3
C0401 C0402 C0403 C0404 C0405 C0406 C0407 C0408 0.1uF/16V
TCP3_TXP0 TCP3_TXN0 TCP3_TXP1 TCP3_TXN1 TCP3_TXP2 TCP3_TXN2 TCP3_TXP3 TCP3_TXN3
IN_D2P IN_D2N IN_D1P IN_D1N IN_D0P IN_D0N IN_CLKP IN_CLKN
[3] TCP3_DP_HPD
HPD_SRC
I2C OVER AUX
SCL_SRC SDA_SRC
[4] TCP3_DP_AUXP
[4] TCP3_DP_AUXN
C0409 C0410 0.1uF/16V
TCP3_AUXP TCP3_AUXN
AUX_SRCP AUX_SRCN
SCL_CTL SDA_CTL
C0412 0.1uF/16V
R0407 6.49K 1%
TCP3_OE TCP3_VSADJ
CEC_EN: DONGLE
OE: IPH
CEC_EN OE VSADJ EPAD
GND
OUT_D2P OUT_D2N OUT_D1P OUT_D1N OUT_D0P OUT_D0N OUT_CLKP OUT_CLKN HPD_SNK SCL_SNK SDA_SNK
HDMI_TXP2_R HDMI_TXN2_R HDMI_TXP1_R HDMI_TXN1_R HDMI_TXP0_R HDMI_TXN0_R HDMI_CLKP_R HDMI_CLKN_R HDMI_HPD_R
HDMI_SCL_R HDMI_SDA_R R0417 R0418 2.2K 1%
+5VS_HDMI
SWAP/POL I2C_EN/PIN PRE_SEL EQ_SEL/A0 *HDMI_SEL/A1 TX_TERM_CTL SLEW_CTL
TCP3_I2C_EN TCP3_PRE_SEL TCP3_EQ_SEL TCP3_HDMI_SEL# TCP3_SLEW_CTL
R0405 R0406 64.9K 1%
64.9K 1%@
TCP3_EQ_SEL
TCP3_HDMI_SEL#
TCP3_SLEW_CTL
R0409 R0411 R0413 R0410 R0412 R0414 64.9K 1%@ 64.9K 1%
+3VS_HDMI
GND
U0401B
SN65DP159RGZR
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C0413 C0414 C0415 C0416 C0417 C0418 C0419 C722 C723 C724 0.1uF/16V 10uF/10V 0.01uF/16V
NC VCC VCC_1 VDD VDD_1 VDD_2 VDD_3 VDD_4 GND GND_1 GND_2 GND_3
+VDD_HDMI
U0402
TS3DV642A0RUAR
C0411 0.1uF/16V
VCC D0+ D0- D1+ D1- D2+ D2- D3+ D3- SCL SDA HPD CEC EN SEL1 SEL2 NC NC_1 GND
HDMI_TXP2_R HDMI_TXN2_R HDMI_TXP1_R HDMI_TXN1_R HDMI_TXP0_R HDMI_TXN0_R HDMI_CLKP_R HDMI_CLKN_R HDMI_SCL_R HDMI_SDA_R HDMI_HPD_R
D0+A D0-A D1+A D1-A D2+A D2-A D3+A D3-A SCL_A SDA_A HPD_A CEC_A
HDMI_DOCK_TXP2 HDMI_DOCK_TXN2 HDMI_DOCK_TXP1 HDMI_DOCK_TXN1 HDMI_DOCK_TXP0 HDMI_DOCK_TXN0 HDMI_DOCK_CLKP HDMI_DOCK_CLKN HDMI_DOCK_SCL HDMI_DOCK_SDA HDMI_DOCK_HPD
[6]
D0+B D0-B D1+B D1-B D2+B D2-B D3+B D3-B SCL_B SDA_B HPD_B CEC_B
HDMI_STD_TXP2 HDMI_STD_TXN2 HDMI_STD_TXP1 HDMI_STD_TXN1 HDMI_STD_TXP0 HDMI_STD_TXN0 HDMI_STD_CLKP HDMI_STD_CLKN HDMI_STD_SCL HDMI_STD_SDA HDMI_STD_HPD
R0415 100K 1% HDMI_EN
[3,6] DOCKIN# R0416 0 HDMI_STD
PH
CCHOKE_5R/0.1A
L0401 L0402 L0403 L0404
HDMI_STD_TXN2 HDMI_STD_TXP2 HDMI_STD_TXP1 HDMI_STD_TXN1 HDMI_STD_TXP0 HDMI_STD_TXN0 HDMI_STD_CLKP HDMI_STD_CLKN
HDMI3_TXN2 HDMI3_TXP2 HDMI3_TXP1 HDMI3_TXN1 HDMI3_TXP0 HDMI3_TXN0 HDMI3_CLKP HDMI3_CLKN
[3] PWRBTN_DVI
HDMI_STD_SCL HDMI_STD_SDA
R0401 R0402 0
HDMI3_CLK HDMI3_DAT
[3,6] SPKL+_DVI
[3,6] SPKR+_DVI
+5VS_HDMI
HDMI_STD_HPD
HDMI3_HPD
[3] USB2_DVIA_N
[3] USB2_DVIA_P
CCHOKE_90R/0.4A
FL0401
USB2_DVIA_N_C USB2_DVIA_P_C
J0401
TX2- TX2+ TX2/4GND TX4- TX4+ DDC_CLK DDC_DATA CRT_Vsync TX1- TX1+ TX1/3GND TX3- TX3+ +5V/50mA GND HTPLG TX0- TX0+ TX0/5GND TX5- TX5+ TXC_GND TXC+ TXC- Red Green Blue CRT_Hsync AGND#1 AGND#2 GND#5 GND#3
GND_J0401A
R0408 0
E-ROM_DVI3V4S1160144N2
R0403 0 GND_J0401B
HDMI3_TXN0 HDMI3_TXP0 HDMI3_TXN1 HDMI3_TXP1 HDMI3_TXN2 HDMI3_TXP2 HDMI3_CLKN HDMI3_CLKP
D0401 D0402 D0403 D0404 D0405 D0406 D0407 D0408
ESD150-B1-W0201/EMI
USB2_DVIA_P_C USB2_DVIA_N_C
D0411 D0412
MLSEP12A-0402 /EMI