[RZ/V2L]

CN1
24FZA-SM1-GAN-TB(HF)
DSI_CLK_P
DSI_CLK_N
DSI_DATA0_P
DSI_DATA0_N
DSI_DATA1_P
DSI_DATA1_N
DSI_DATA2_P
DSI_DATA2_N
DSI_DATA3_P
DSI_DATA3_N
RZ_RIIC1_SCL
RZ_RIIC1_SDA
RZ_SSI1_RXD
RZ_SSI1_TXD
RZ_SSI1_BCK
RZ_SSI1_RCK
RZ_P2_1/IRQ5
3.3V
5.0V
TP7 PAD 1mm
TP8 PAD 1mm
C6 10uF/10V(1608)
C7 10uF/10V(1608)
PAD2 2mm Kaku

3.3V
HDMI_1V8
R1 R2 R3 R4 R5 R6 R7 10K
R18 R19 R20 R21 R22 R23 R24 2.2K
U5
U1
LSF0204DRUTR
RZ_SSI1_BCK
RZ_SSI1_RCK
RZ_SSI1_TXD
RZ_P2_1/IRQ5
RZ_SSI1_RXD
RZ_RIIC1_SDA
RZ_RIIC1_SCL
PAD 1mm TP12
C23 0.1uF/16V
C24 0.1uF/16V
C4 0.1uF/16V
C5 0.1uF/16V
PAD 1mm TP11
PAD 1mm TP10
PAD 1mm TP9
PAD 1mm TP14
PAD 1mm TP13
ADV7535_SCLK
ADV7535_LRCLK
ADV7535_SPDIF
ADV7535_INT#
ADV7535_PD
ADV7535_SDA
ADV7535_SCL

3.3V
Vin=2.3~5.5V
U2
ADP123AUJZ-R7
300mA
1.8V
R9 68K/1%
EN18_3
EN=1.2V
C2 1uF/25V
R10 180K/1%
FB18
R11 68K/1%
Vref=0.5V
1.798~1.850V
R8 0(1608)
TP1 PAD 1mm
HDMI_1V8
[1.824V]
C1 1uF/25V
C3 10uF/10V(1608)

[HDMI]

U3
ADV7535BCBZ-RL
DSI_CLK_P
DSI_CLK_N
DSI_DATA0_P
DSI_DATA0_N
DSI_DATA1_P
DSI_DATA1_N
DSI_DATA2_P
DSI_DATA2_N
DSI_DATA3_P
DSI_DATA3_N
CECCLK
ADV7535_SCLK
ADV7535_LRCLK
ADV7535_SPDIF
ADV7535_INT#
ADV7535_PD
ADV7535_SDA
ADV7535_SCL
R14 0[NM]
R16 1K/1%
R_RET
HDMI_1V8
C17 0.1uF/16V
Y1
ECS-3225MVLC-120-BN-TR
CECCLK
TP5 PAD 1mm
TP6 PAD 1mm
C9 0.1uF/16V
C10 0.1uF/16V
C11 10uF/10V(1608)
C14 0.1uF/16V
C15 0.1uF/16V
C16 10uF/10V(1608)
C18 0.1uF/16V
C19 0.1uF/16V
C20 10uF/10V(1608)
C21 0.1uF/16V
C22 1uF/25V
LB1 BLM21PG220SN1D
LB2 BLM21PG220SN1D
LB3 BLM21PG220SN1D
HDMI_AVDD
HDMI_DVDD
HDMI_PVDD
3.3V

U4
TPD12S016PWR
HDMI_1V8
R12 10K LS_OE
R13 10K CT_HPD
HDMI_HPD
TMDS2+
TMDS2-
TMDS1+
TMDS1-
TMDS0+
TMDS0-
TMDSC+
TMDSC-
HDMI_CEC
HDMI_SCL
HDMI_SDA
5.0V
C12 0.1uF/16V
C13 0.1uF/16V
HPD
D2+
D2-
D1+
D1-
D0+
D0-
CLK+
CLK-
CEC
SCL
SDA
HDMI_VCC
TP4 PAD 1mm
TP2 PAD 1mm
TP3 PAD 1mm
C8 0.1uF/16V
CN2
208658-1081
PAD1 2mm Kaku
R15 0(1608)
GND_HDMI

HDMI		
Title	HDMI BOARD	
Size A3	Document Number SSCH_1877C_003_HDMI_V3_1	Rev 1.0
Date: Wednesday, March 20, 2024	Sheet 2 of 2	