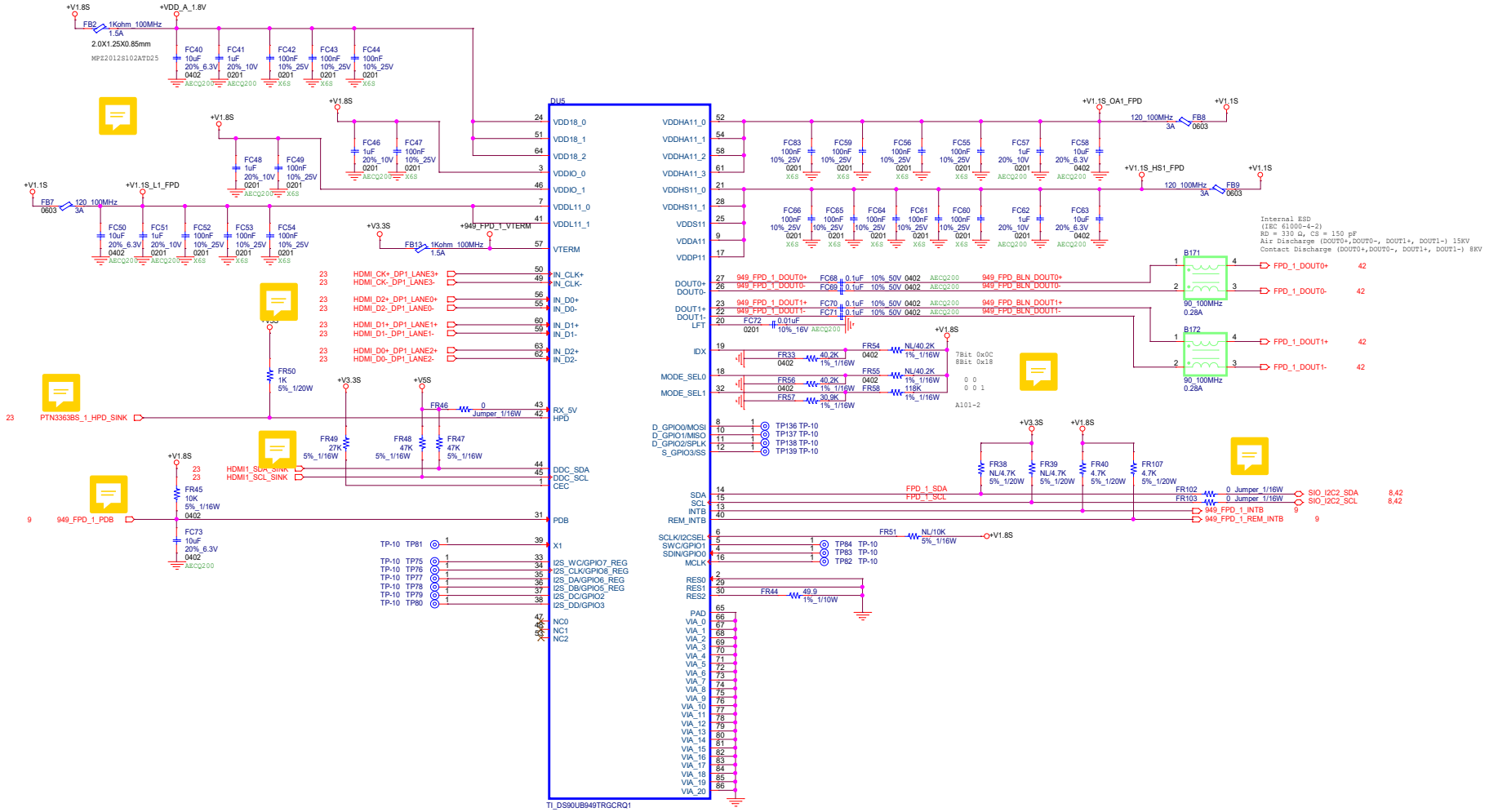
+V1.8S
+VDD_A_1.8V
FB2
1Kohm_100MHz
1.5A
2.0X1.25X0.85mm
MP2012S102ATD25
FC40 10uF 20%_6.3V 0402 AECQ200
FC41 1uF 20%_10V 0201 AECQ200
FC42 100nF 10%_25V 0201 X6S
FC43 100nF 10%_25V 0201 X6S
FC44 100nF 10%_25V 0201 X6S
FC46 1uF 20%_10V 0201 AECQ200
FC47 100nF 10%_25V 0201 X6S
FC48 1uF 20%_10V 0201 AECQ200
FC49 100nF 10%_25V 0201 X6S
+V1.1S
+V1.1S_L1_FPD
FB7 0603 120_100MHz 3A
FC50 10uF 20%_6.3V 0402 AECQ200
FC51 1uF 20%_10V 0201 AECQ200
FC52 100nF 10%_25V 0201 X6S
FC53 100nF 10%_25V 0201 X6S
FC54 100nF 10%_25V 0201 X6S
+V3.3S
+949_FPD_1_VTERM
FB13 1Kohm_100MHz 1.5A
DU5
VDD18_0
VDD18_1
VDD18_2
VDDIO_0
VDDIO_1
VDDL11_0
VDDL11_1
VTERM
IN_CLK+
IN_CLK-
IN_D0+
IN_D0-
IN_D1+
IN_D1-
IN_D2+
IN_D2-
HDMI_CK+_DP1_LANE3+
HDMI_CK-_DP1_LANE3-
HDMI_D2+_DP1_LANE0+
HDMI_D2-_DP1_LANE0-
HDMI_D1+_DP1_LANE1+
HDMI_D1-_DP1_LANE1-
HDMI_D0+_DP1_LANE2+
HDMI_D0-_DP1_LANE2-
FR50 1K 5%_1/20W
PTN3363BS_1_HPD_SINK
+V5S
FR46 0 Jumper_1/16W
RX_5V
HPD
FR49 27K 5%_1/16W
FR48 47K 5%_1/16W
FR47 47K 5%_1/16W
HDMI1_SDA_SINK
HDMI1_SCL_SINK
DDC_SDA
DDC_SCL
CEC
FR45 10K 5%_1/16W 0402
949_FPD_1_PDB
PDB
FC73 10uF 20%_6.3V 0402 AECQ200
TP-10 TP81
X1
TP-10 TP75
TP-10 TP76
TP-10 TP77
TP-10 TP78
TP-10 TP79
TP-10 TP80
I2S_WC/GPIO7_REG
I2S_CLK/GPIO8_REG
I2S_DA/GPIO6_REG
I2S_DB/GPIO5_REG
I2S_DC/GPIO2
I2S_DD/GPIO3
NC0
NC1
NC2
TI_DS90UB949TRGCRQ1
<Characteristic>
VDDHA11_0
VDDHA11_1
VDDHA11_2
VDDHA11_3
VDDHS11_0
VDDHS11_1
VDDS11
VDDA11
VDDP11
+V1.1S_OA1_FPD
+V1.1S_HS1_FPD
FB8 0603 120_100MHz 3A
FB9 0603 120_100MHz 3A
FC83 100nF 10%_25V 0201 X6S
FC59 100nF 10%_25V 0201 X6S
FC56 100nF 10%_25V 0201 X6S
FC55 100nF 10%_25V 0201 X6S
FC57 1uF 20%_10V 0201 AECQ200
FC58 10uF 20%_6.3V 0402 AECQ200
FC66 100nF 10%_25V 0201 X6S
FC65 100nF 10%_25V 0201 X6S
FC64 100nF 10%_25V 0201 X6S
FC61 100nF 10%_25V 0201 X6S
FC60 100nF 10%_25V 0201 X6S
FC62 1uF 20%_10V 0201 AECQ200
FC63 10uF 20%_6.3V 0402 AECQ200
Internal ESD
(IEC 61000-4-2)
RD = 330 Ω, CS = 150 pF
Air Discharge (DOUT0+,DOUT0-, DOUT1+, DOUT1-) 15KV
Contact Discharge (DOUT0+,DOUT0-, DOUT1+, DOUT1-) 8KV
DOUT0+
DOUT0-
DOUT1+
DOUT1-
LFT
949_FPD_1_DOUT0+
949_FPD_1_DOUT0-
949_FPD_1_DOUT1+
949_FPD_1_DOUT1-
FC68 0.1uF 10% 50V 0402 AECQ200
FC69 0.1uF 10% 50V 0402 AECQ200
FC70 0.1uF 10% 50V 0402 AECQ200
FC71 0.1uF 10% 50V 0402 AECQ200
FC72 0.01uF 10%_16V AECQ200
949_FPD_BLN_DOUT0+
949_FPD_BLN_DOUT0-
949_FPD_BLN_DOUT1+
949_FPD_BLN_DOUT1-
B171
B172
90_100MHz 0.28A
FPD_1_DOUT0+ 42
FPD_1_DOUT0- 42
FPD_1_DOUT1+ 42
FPD_1_DOUT1- 42
IDX
FR33 40.2K 1%_1/16W 0402
FR54 NL/40.2K 1%_1/16W 0402
MODE_SEL0
MODE_SEL1
FR56 40.2K 1%_1/16W 0402
FR55 NL/40.2K 1%_1/16W 0402
FR57 30.9K 1%_1/16W
FR58 118K 1%_1/16W
7Bit 0x0C
8Bit 0x18
0 0
0 0 1
A101-2
D_GPIO0/MOSI
D_GPIO1/MISO
D_GPIO2/SPLK
S_GPIO3/SS
TP136 TP-10
TP137 TP-10
TP138 TP-10
TP139 TP-10
SDA
SCL
INTB
REM_INTB
FPD_1_SDA
FPD_1_SCL
FR38 NL/4.7K 5%_1/20W
FR39 NL/4.7K 5%_1/20W
FR40 4.7K 5%_1/20W
FR107 4.7K 5%_1/20W
FR102 0 Jumper_1/16W
FR103 0 Jumper_1/16W
SIO_I2C2_SDA 8,42
SIO_I2C2_SCL 8,42
949_FPD_1_INTB 9
949_FPD_1_REM_INTB 9
SCLK/I2CSEL
SWC/GPIO1
SDIN/GPIO0
MCLK
FR51 NL/10K 5%_1/16W
TP84 TP-10
TP83 TP-10
TP82 TP-10
RES0
RES1
RES2
FR44 49.9 1%_1/10W
PAD
VIA_0
VIA_1
VIA_2
VIA_3
VIA_4
VIA_5
VIA_6
VIA_7
VIA_8
VIA_9
VIA_10
VIA_11
VIA_12
VIA_13
VIA_14
VIA_15
VIA_16
VIA_17
VIA_18
VIA_19
VIA_20