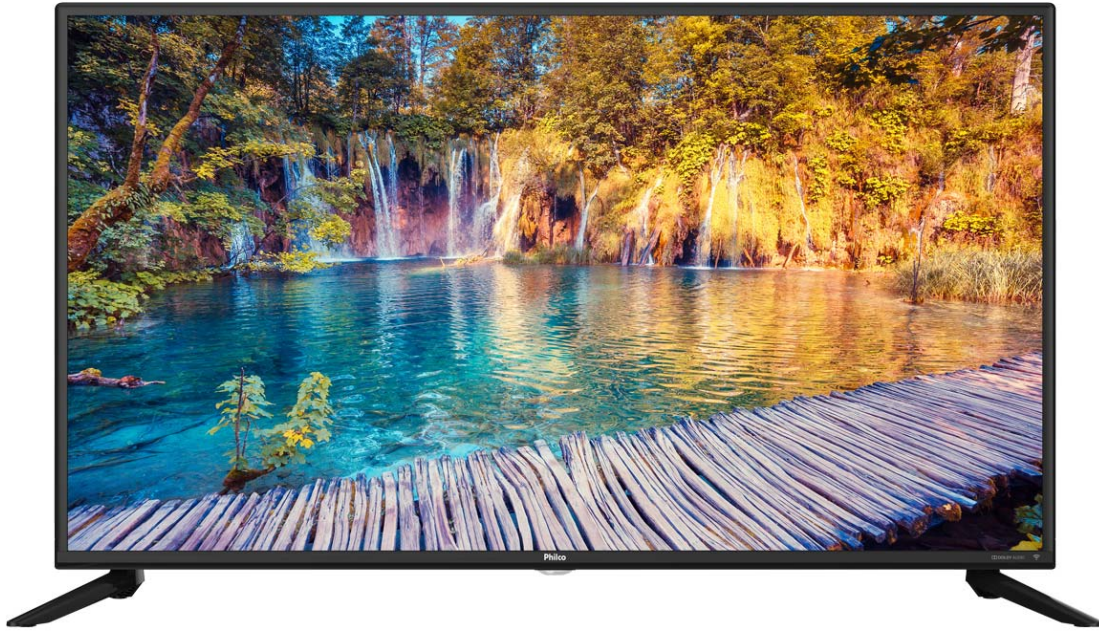


Philco



**T
V

P
T
V
4
2
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7
0
N
5
C
F

L
E
D**

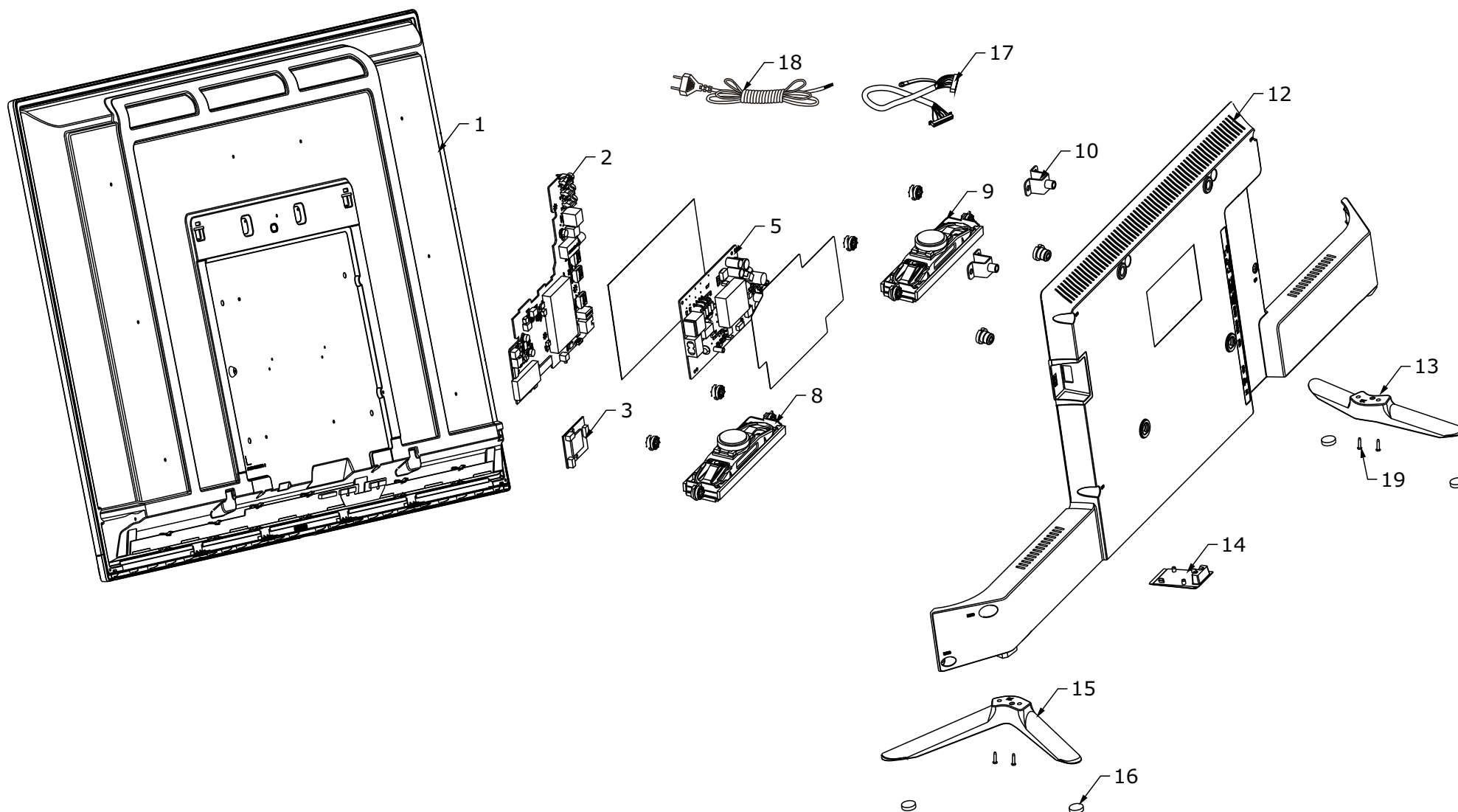
<http://treinamento.britania.com.br>

0800-415300

VISTA EXPLODIDA

Acesse a LISTA BÁSICA em www.telecontrol.com.br e consulte os códigos das peças pela referência.

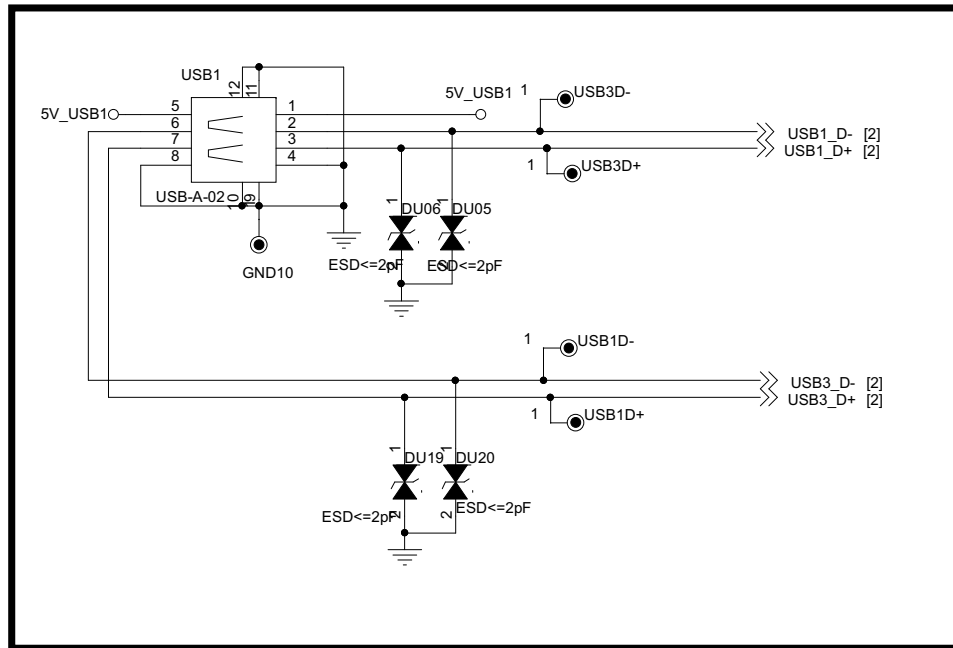
PRODUTO	CÓDIGO	TENSÃO	PADRÃO E Nº SÉRIE
TV PTV42G70N5CF LED	099423024ATX	BIV	0 00 00000 00 Z 000 X
(X) - O último algarismo nas colunas "Código" e "Padrão Nº Série" significa a versão do aparelho.			



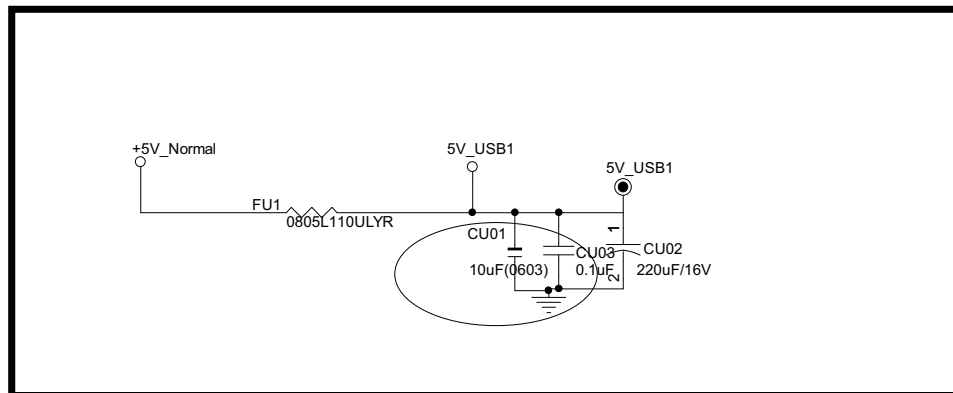
NOTA:

- Consulte os códigos na Lista Básica em www.telecontrol.com.br
- Somente os itens que possuem códigos serão fornecidos.
- Em caso de dúvidas acessar <http://treinamento.britania.com.br> ou entrar em contato com o Suporte Técnico.
- Este documento está sujeito a alterações sem aviso prévio

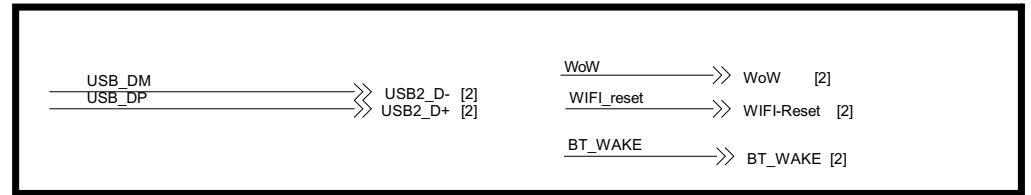
USB Interface



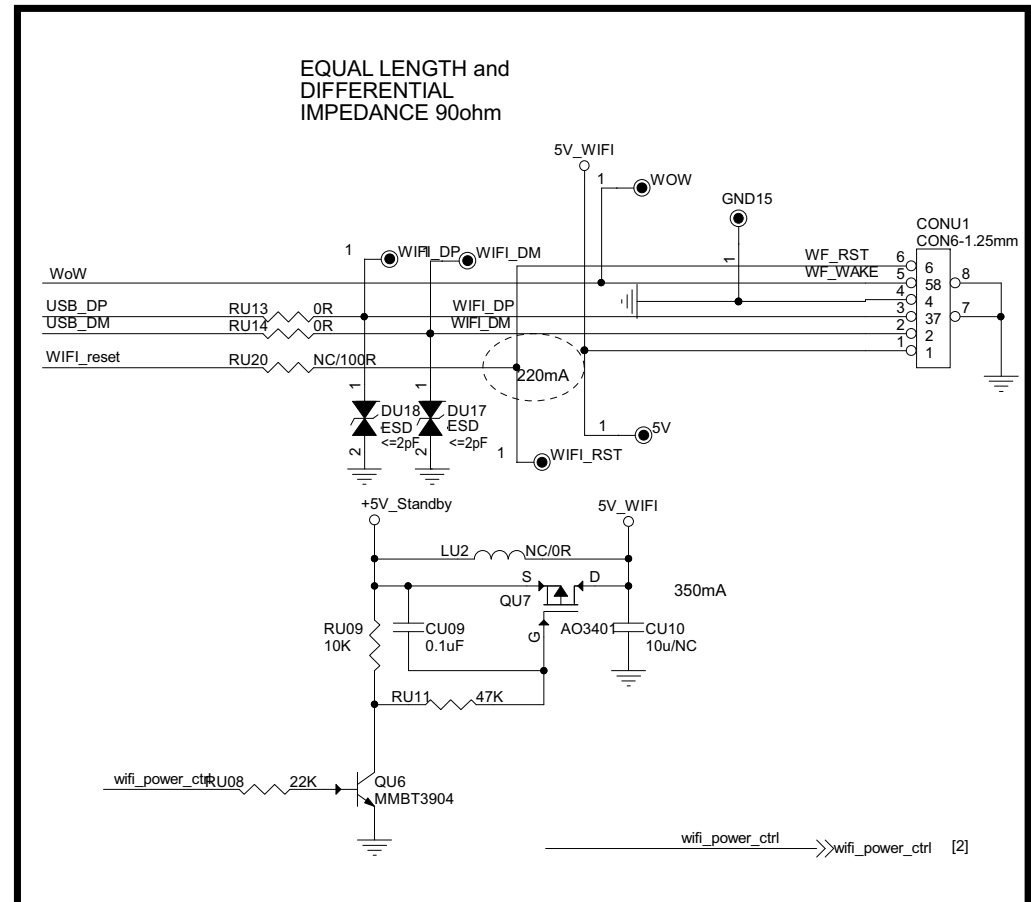
USB2.0 Power



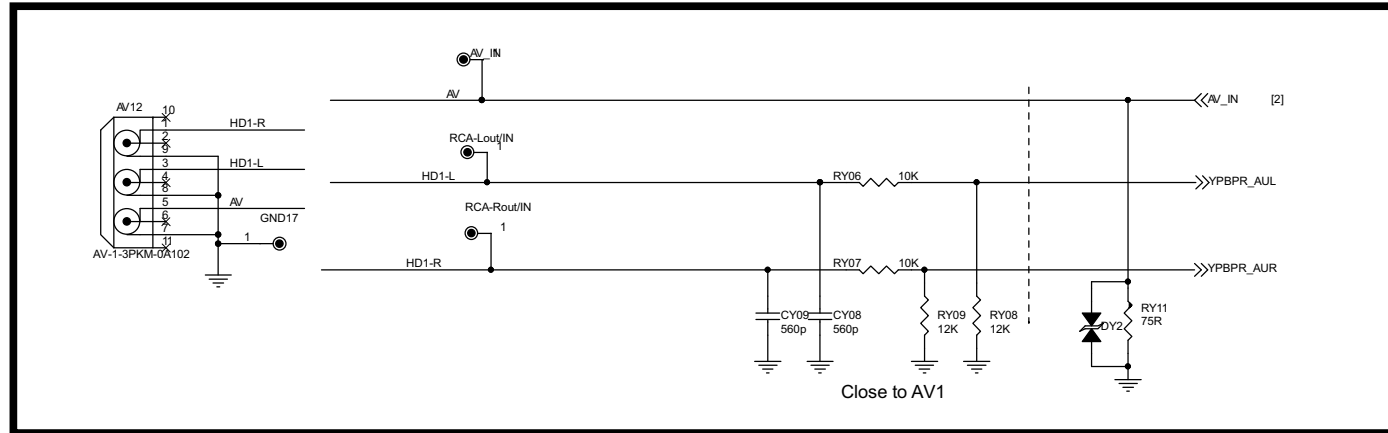
USB TO WIFI NET



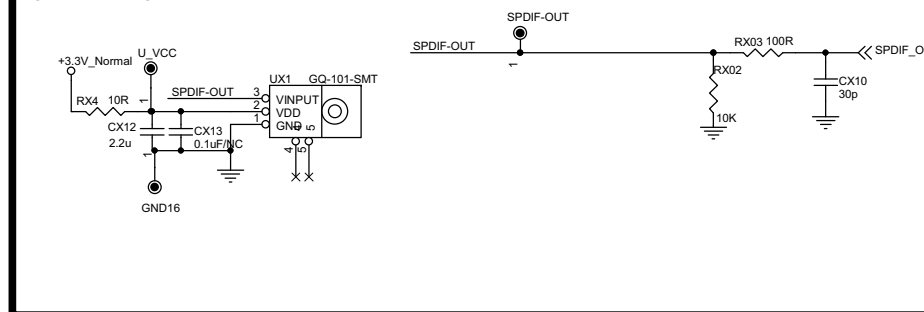
WiFi



AV input



spdif output



AV output

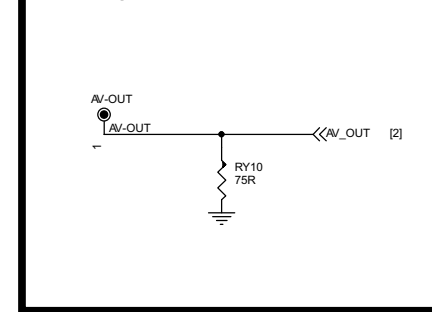


Figure 10 shows the pin connections for HDMI3 and HDMI90D. The figure is divided into five sections, each showing a different set of connections.

Section 1: HDMI3 and HDMI90D Pin Connections

Signal	Pin	Signal	Pin
HDMI3 RX2P	1	HDMI3-RX2P	10
DATA2+ SHIELD	2	HDMI3-RX2N	9
DATA2- SHIELD	3	HDMI3-RX1P	8
DATA1+ SHIELD	4	HDMI3-RX1N	7
DATA1- SHIELD	5	HDMI3-RX0P	6
DATA0+ SHIELD	6	HDMI3-RX0N	5
DATA0- SHIELD	7	HDMI3-CLKP	4
DATA0+ SHIELD	8	HDMI3-CLKN	3
DATA0- SHIELD	9	HDMI3-CEC	2
DATA0+ SHIELD	10	HDMI3-SCL	1
DATA0- SHIELD	11	HDMI3-SDA	18
DATA0+ SHIELD	12	HDMI3-HPD	19
DATA0- SHIELD	13		
DATA0+ SHIELD	14		
DATA0- SHIELD	15		
DATA0+ SHIELD	16		
DATA0- SHIELD	17		
DATA0+ SHIELD	18		
DATA0- SHIELD	19		

Section 2: +5V_HDMI3 Power Supply

This section shows a schematic for the +5V_HDMI3 power supply. It includes a 3904 diode (QH3) connected to a 1K resistor (RH17) and a 10K resistor (RH18). The output is connected to the +5V_HDMI3 pin.

Section 3: HDMI3_SCL and HDMI3_SDA Signals

This section shows a schematic for the HDMI3_SCL and HDMI3_SDA signals. It includes a 3904 diode (QH3) connected to a 1K resistor (RH17) and a 10K resistor (RH18). The output is connected to the HDMI3_SCL and HDMI3_SDA pins.

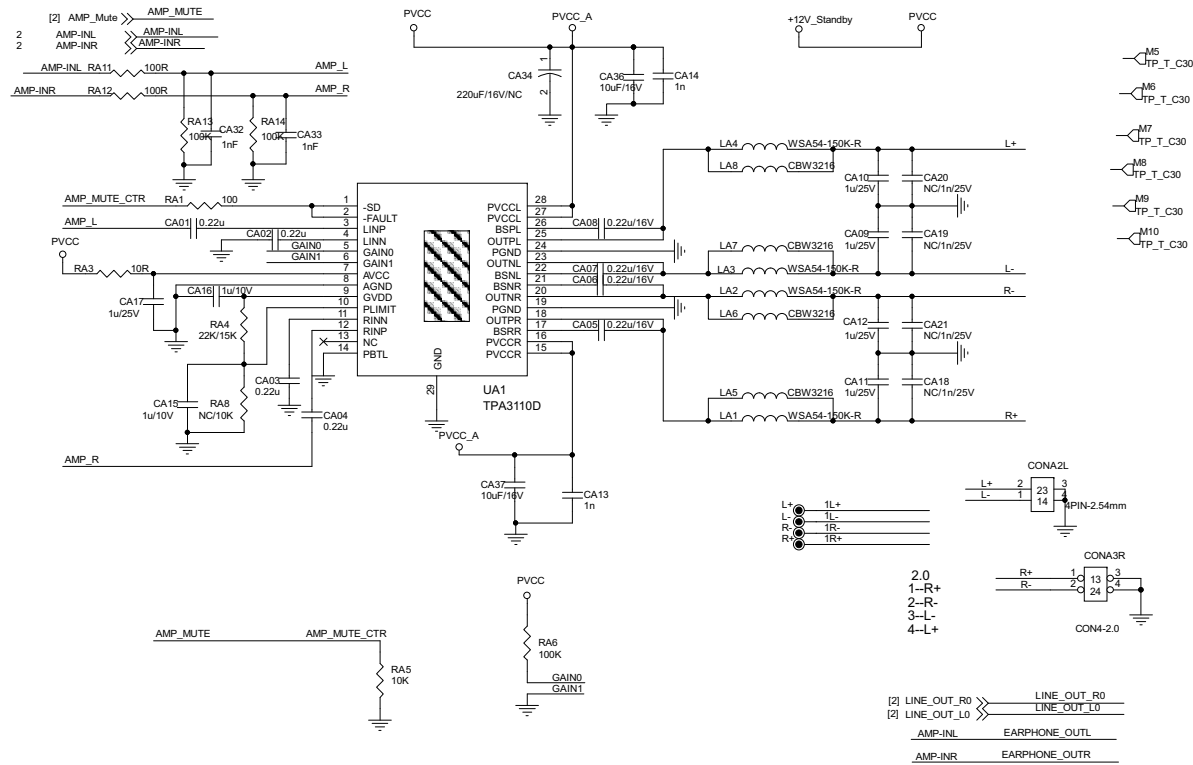
Section 4: UH5 HDMI3-RX2P to RX1N Connections

This section shows a schematic for the UH5 HDMI3-RX2P to RX1N connections. It includes a 3904 diode (QH3) connected to a 1K resistor (RH17) and a 10K resistor (RH18). The output is connected to the HDMI3-RX2P, HDMI3-RX2N, HDMI3-RX1P, and HDMI3-RX1N pins.

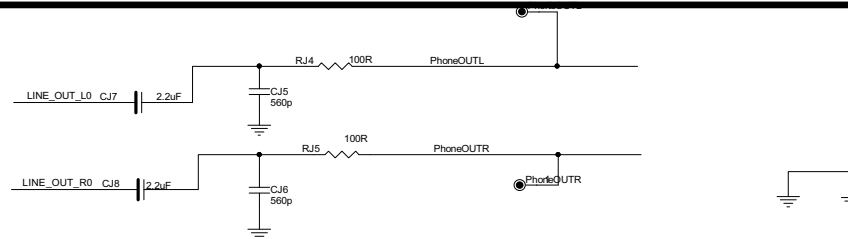
Section 5: UH6 HDMI3-RX0P to RX0N Connections

This section shows a schematic for the UH6 HDMI3-RX0P to RX0N connections. It includes a 3904 diode (QH3) connected to a 1K resistor (RH17) and a 10K resistor (RH18). The output is connected to the HDMI3-RX0P, HDMI3-RX0N, HDMI3-CLKP, and HDMI3-CLKN pins.

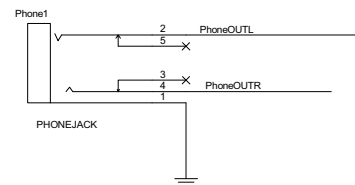
AUDIO AMP



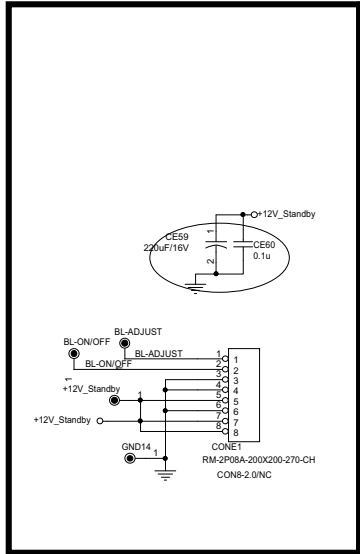
EARPHONE OUT



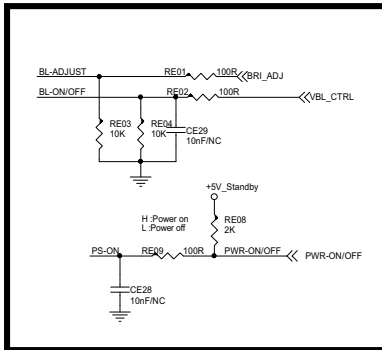
Audio output



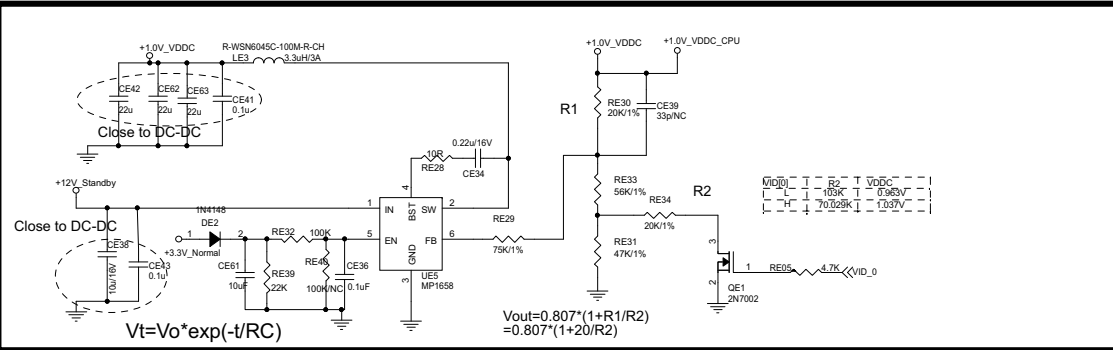
Connector



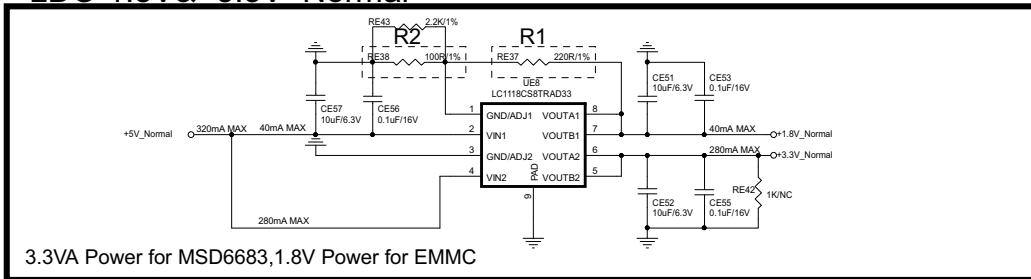
Control



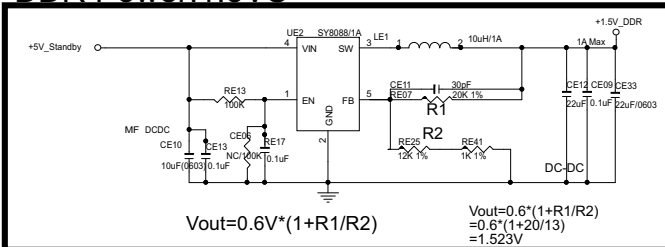
VDDC/VDDC_CPU Power



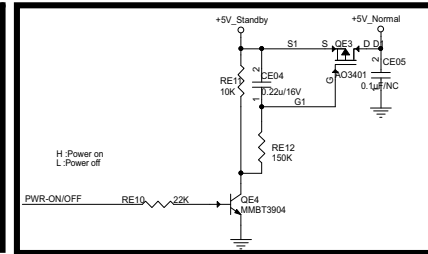
LDO 1.8V&+3.3V Normal



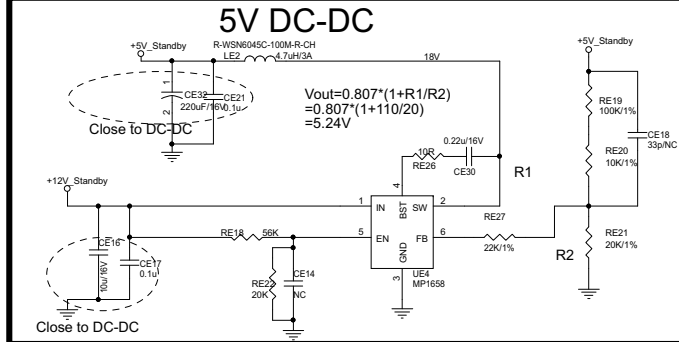
DDR Power:1.5VS



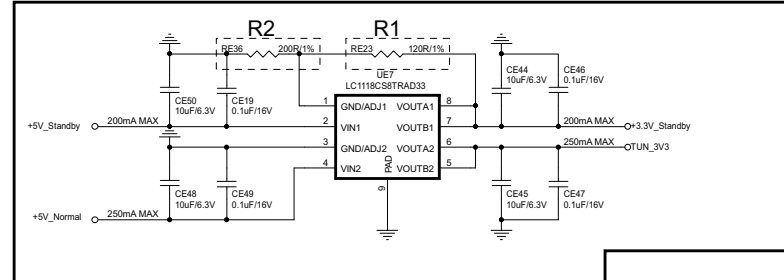
+5V_Standby



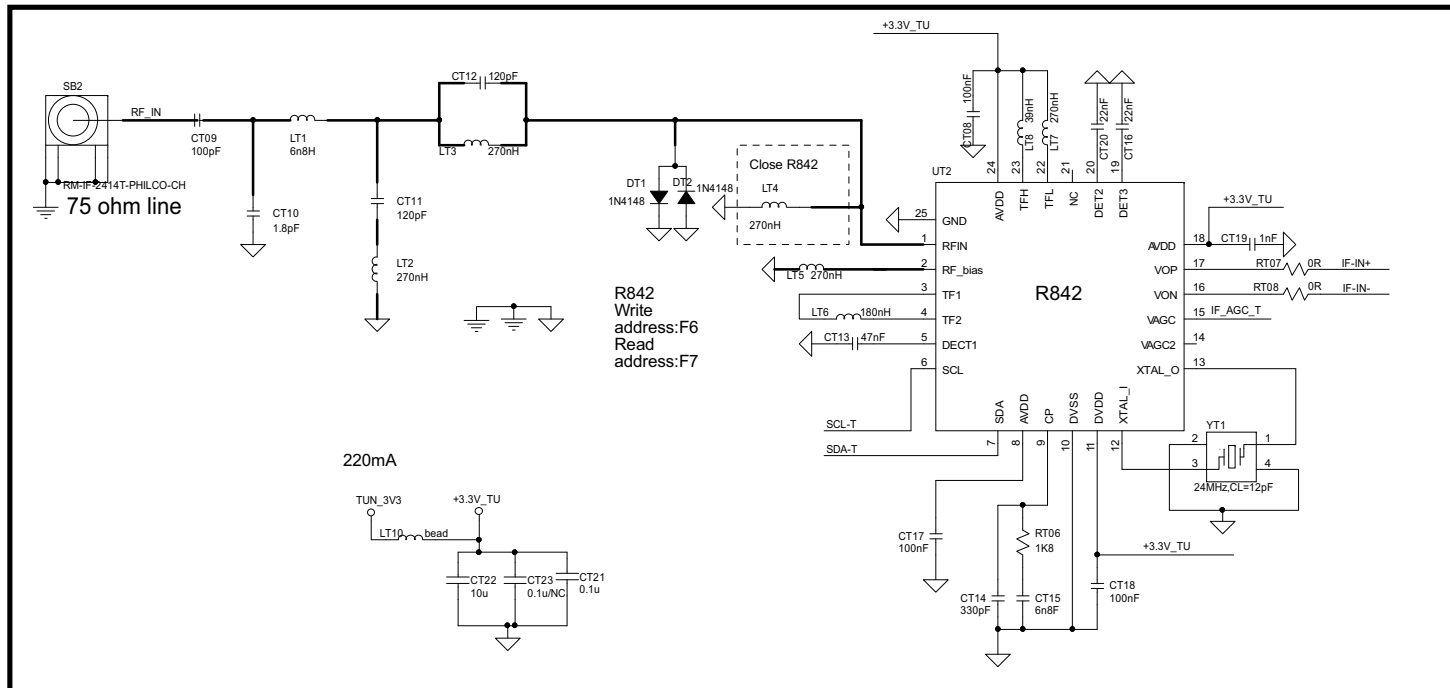
5V DC-DC



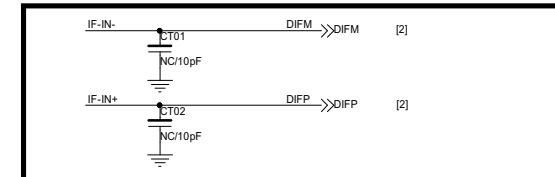
+3.3V_Standby&TUN_3V3



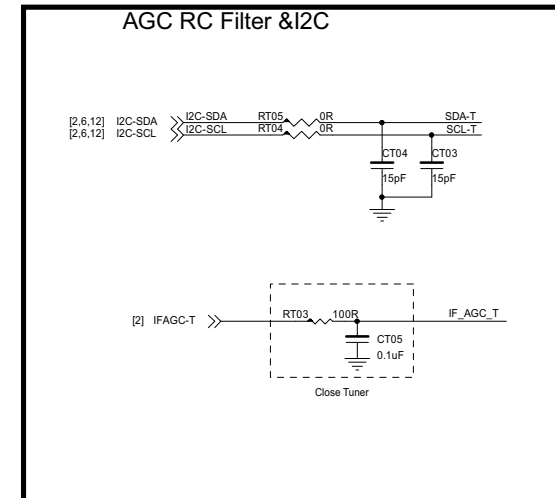
R842 on board



DIF IN&OUT



AGC RC Filter &I2C

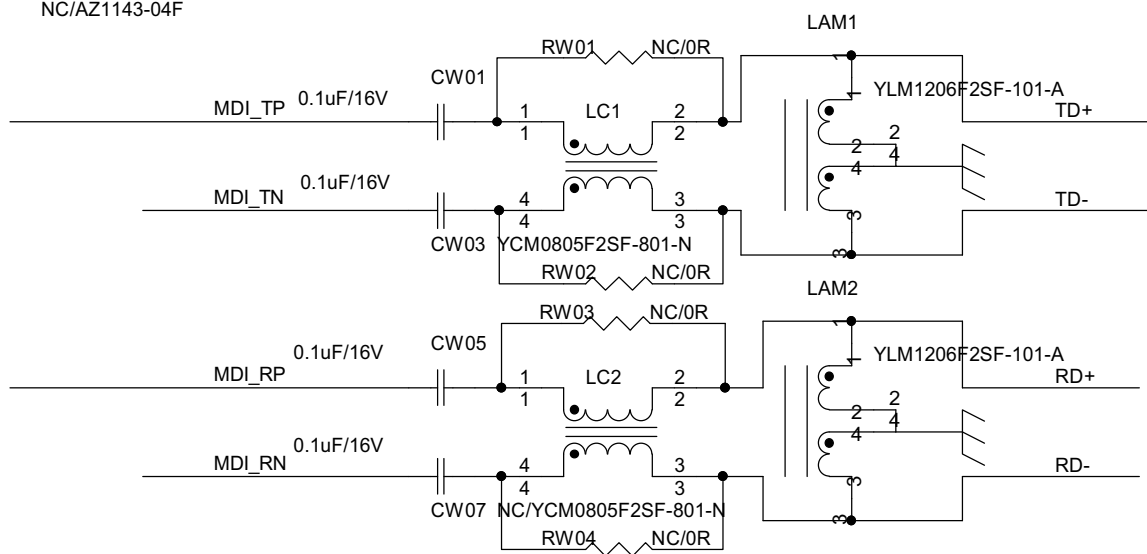
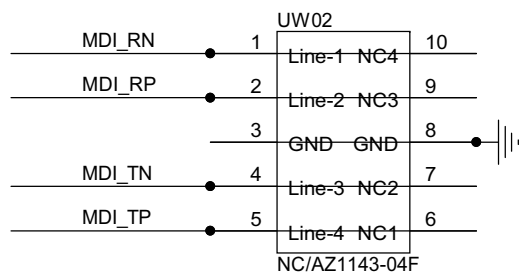
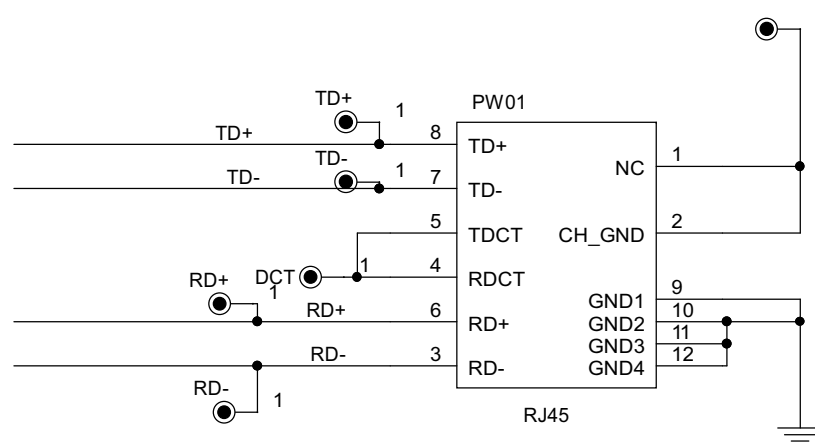


MDI_TP << MDI_TP

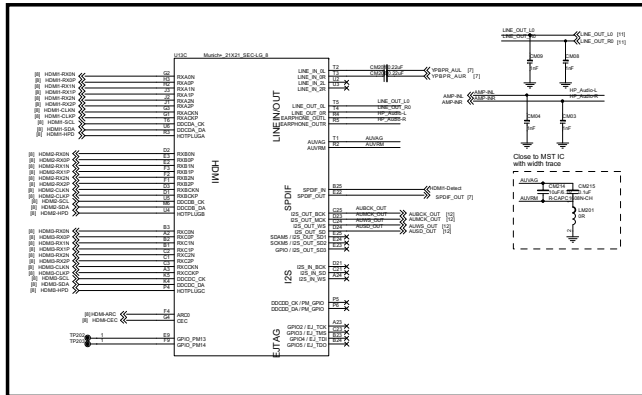
MDI_TN << MDI_TN

MDI_RP << MDI_RP

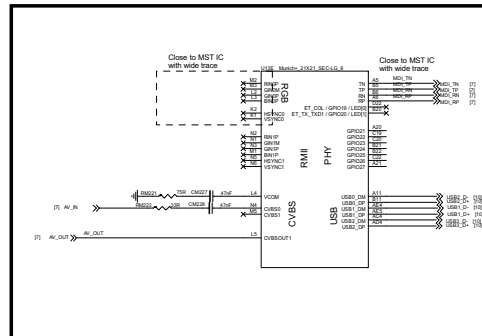
MDI_RN << MDI_RN



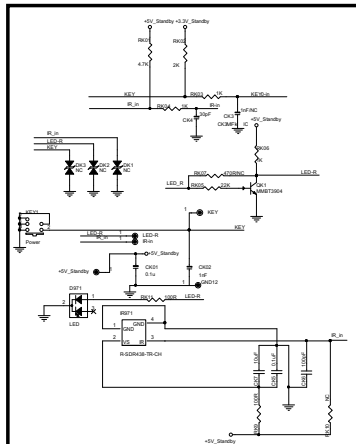
HDMI/SPDIF/LINEIN/OUT/I2S



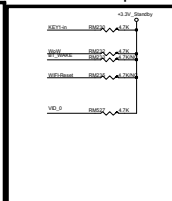
RGB/PHY/USB/CVBS



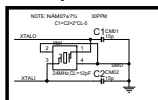
IR&KEY



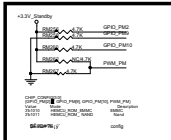
GPIO Pull up



Crystal



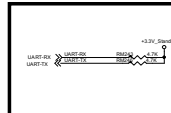
Config



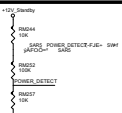
RESET



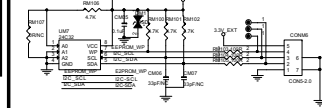
UART



POWER_DETECT



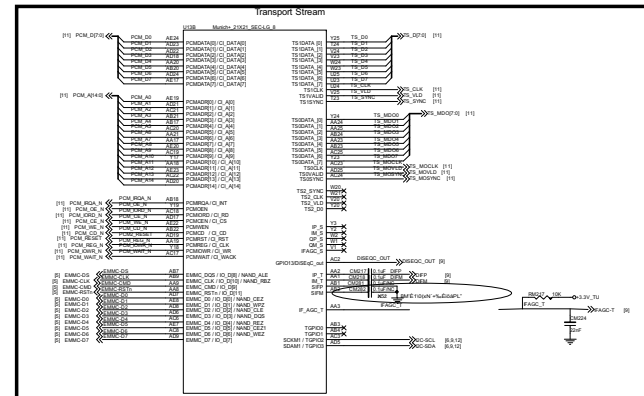
E2PROM



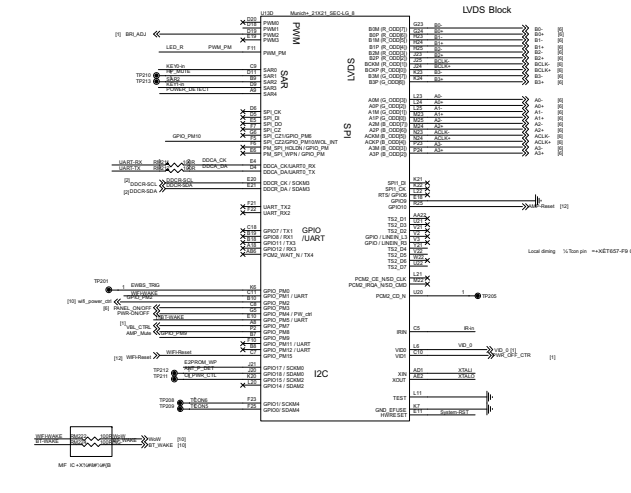
Heat Sink



EMMC/PCM



LVDS/GPIO/UART/I2C



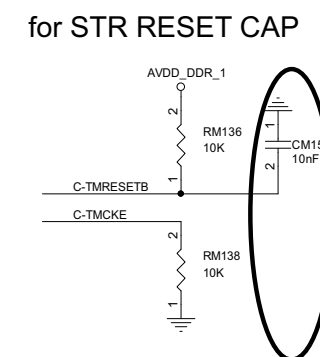
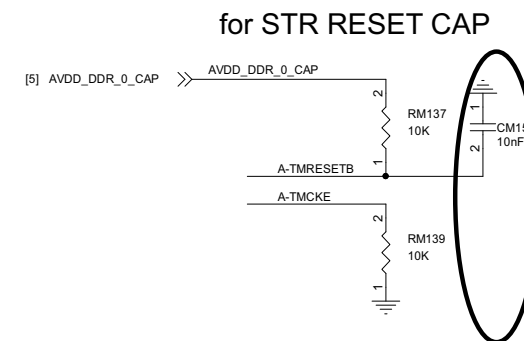
AVDD_DDR_0 AVDD_DDR_1 +1.5V_DDR

CM250 CM646 CM648 CM649 CM280

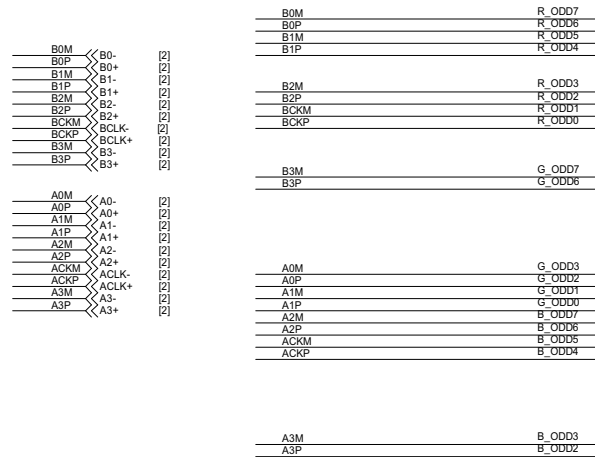
R-CAPACITORS

10uF/6.3V 22uF/6.3V 0.1uF 0.1uF 0.1uF

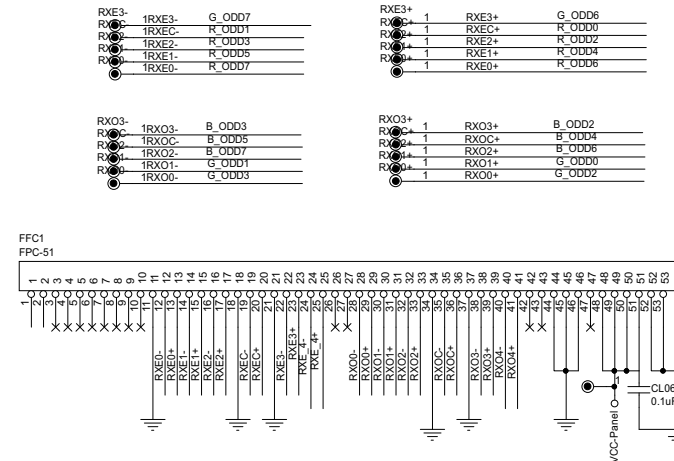
+e6MF SOC



Net



LVDS Connector



Power for panel

