

野火_EBF RK3566 底板_原理图

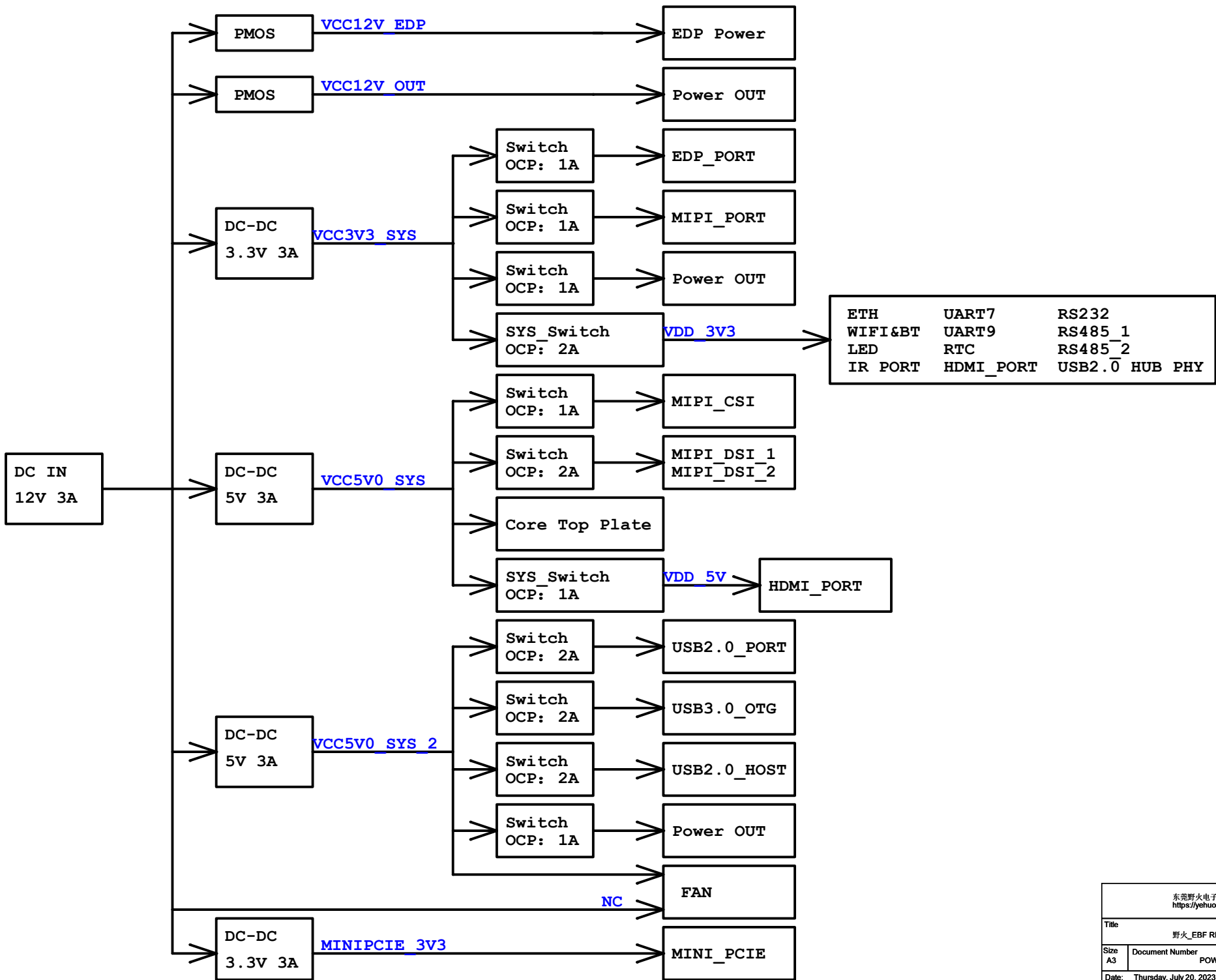
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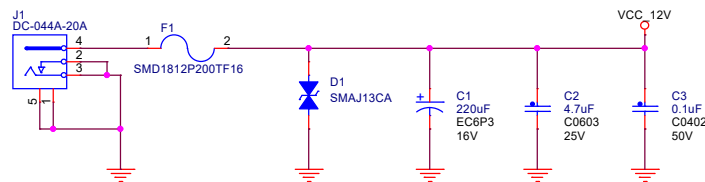
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历史版本

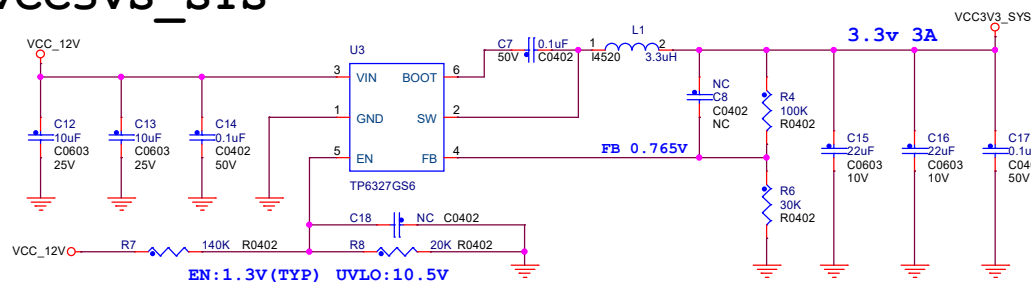
版本号	日期	设计	描述
V1.0	2022-07-07	ghs	初始版本



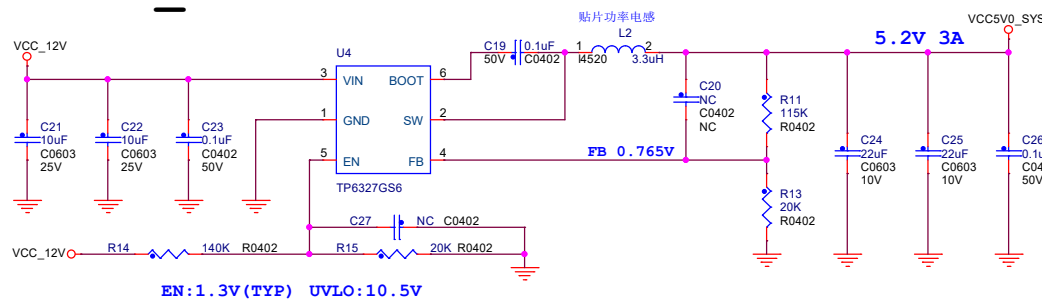
DC IN : 12V



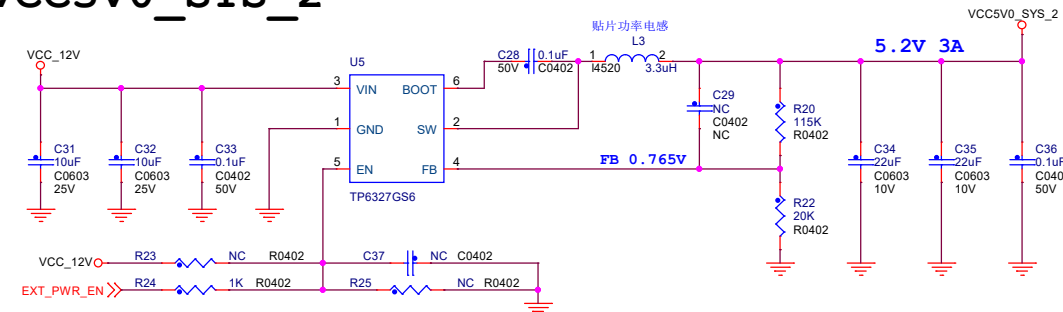
VCC3VS_SYS



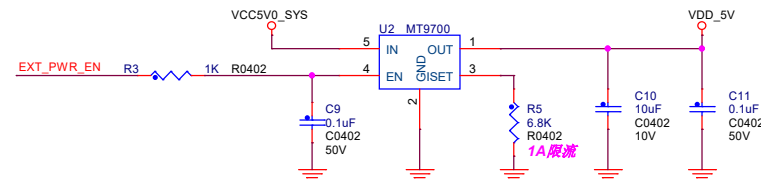
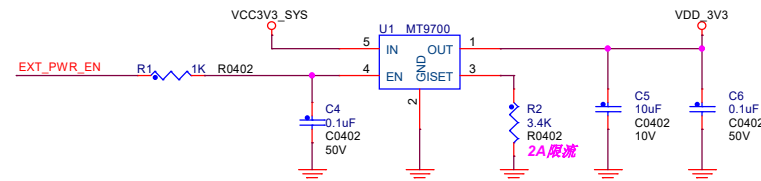
VCC5V0_SYS



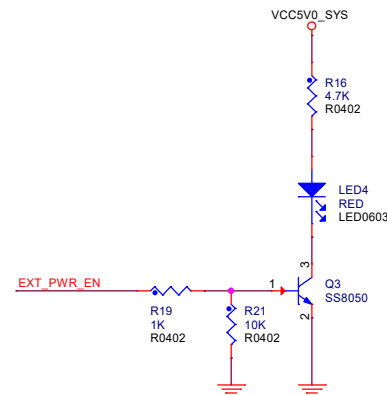
VCC5V0_SYS_2



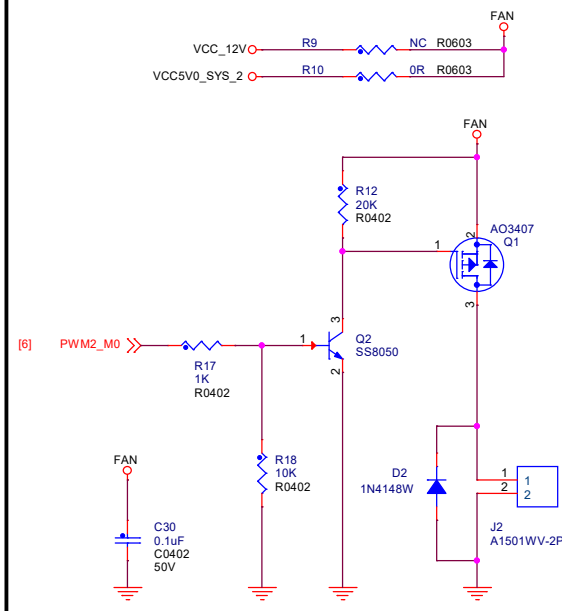
SYSTEM Power SW And OCP



SYS Power LED



CPU FAN



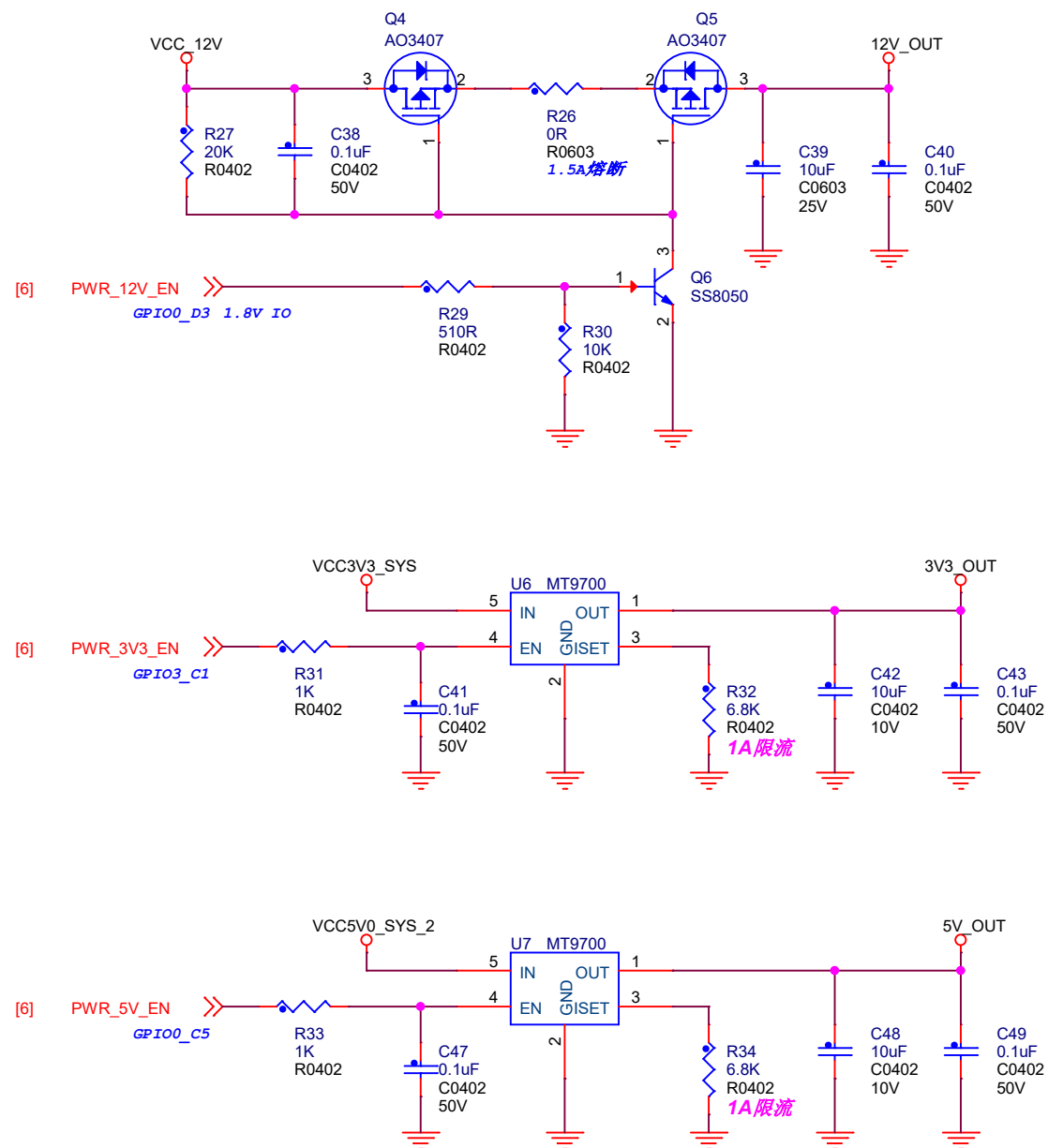
Fix Hole



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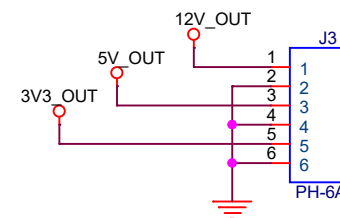
Power OutPut SW



Power Output

OCP: 3.3V 1A

OCP: 5V 1A



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Size
A4

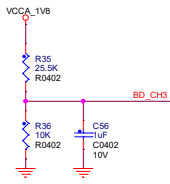
Document Number
POWER OUT PORT

Rev
V1.0

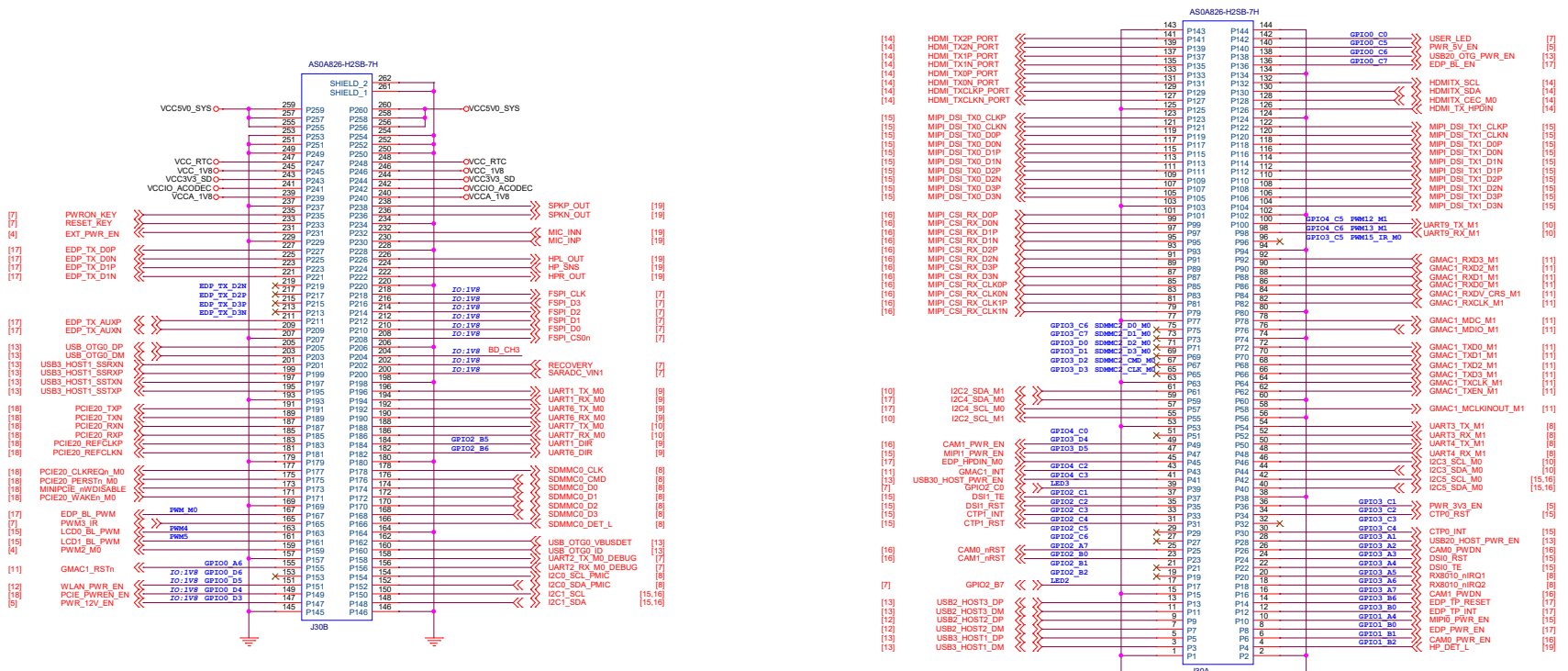
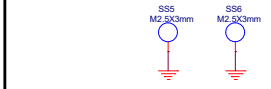
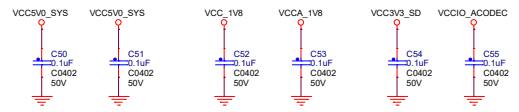
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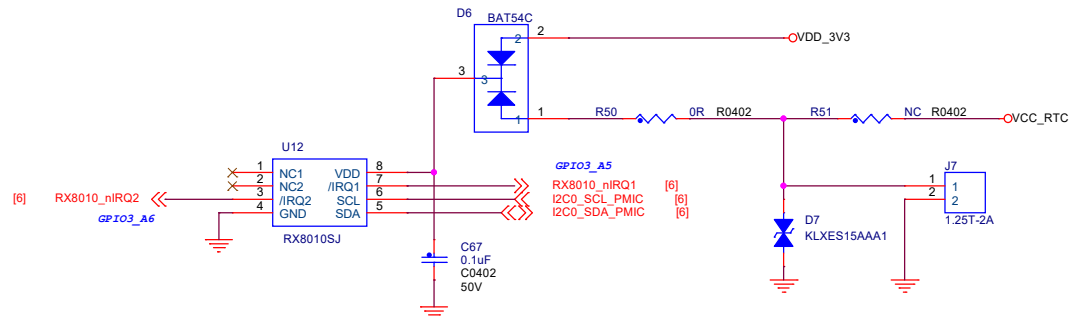
BD ID



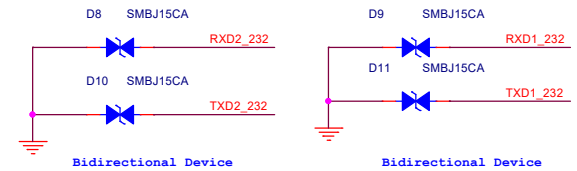
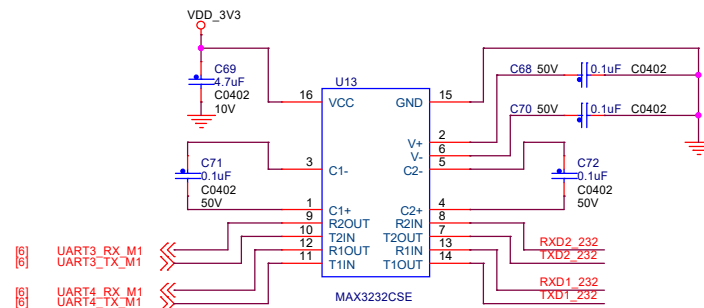
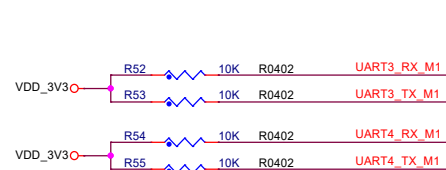
Board ID:09
BD_CH3:0.507V
ADC值:288



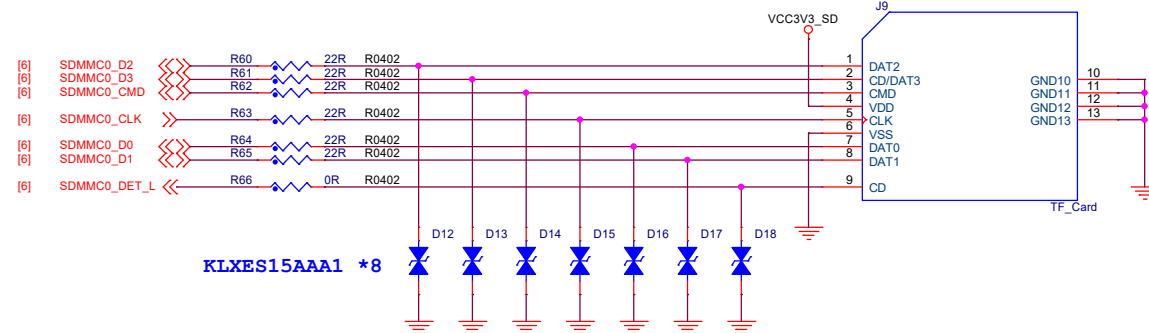
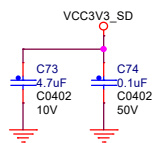
RTC



RS232 PORT

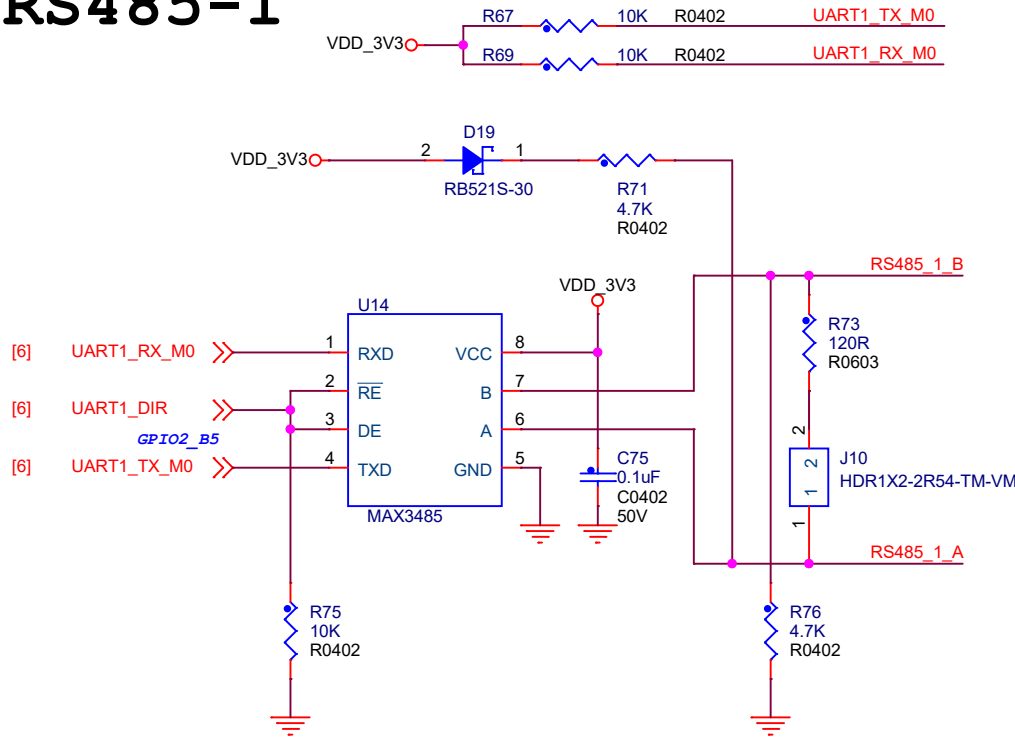


SD Card

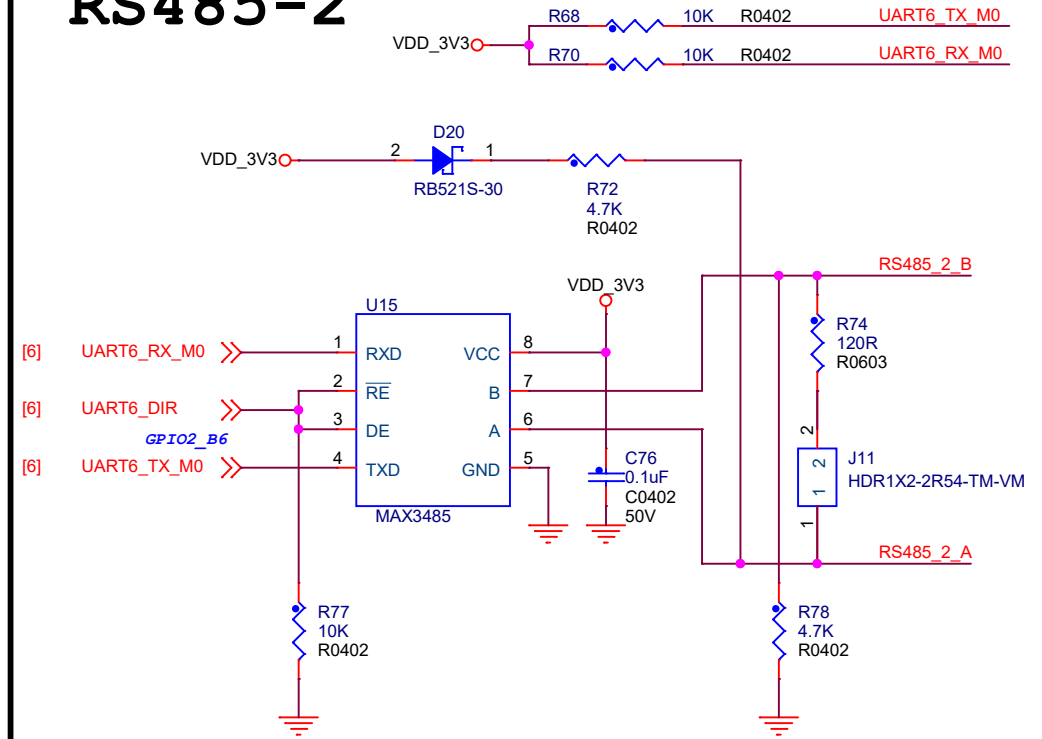


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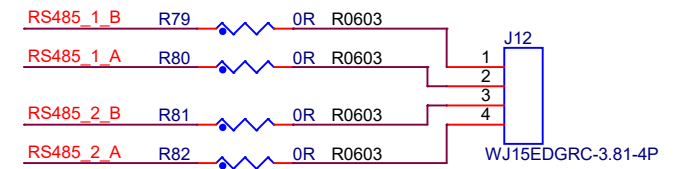
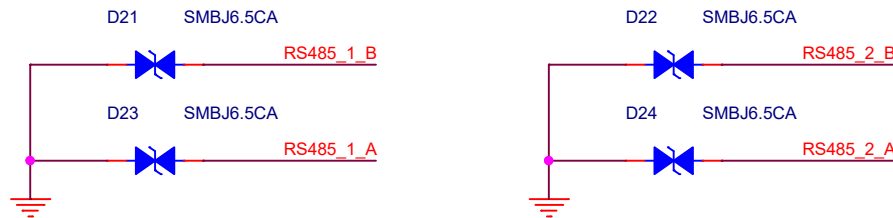
RS485-1



RS485-2



RS485 PORT



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Size
A4

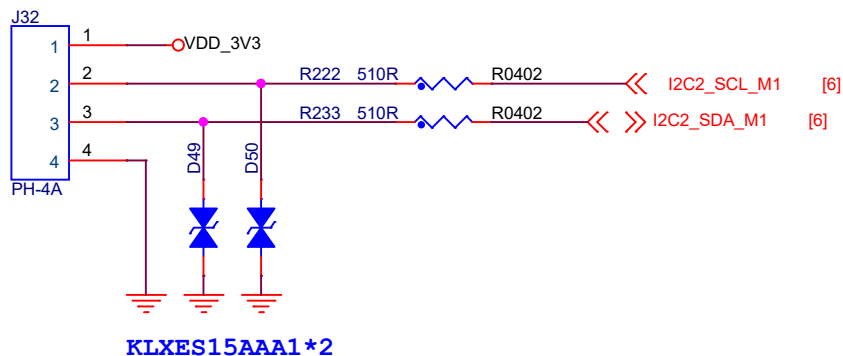
Document Number
RS485 PORT

Rev
V1.0

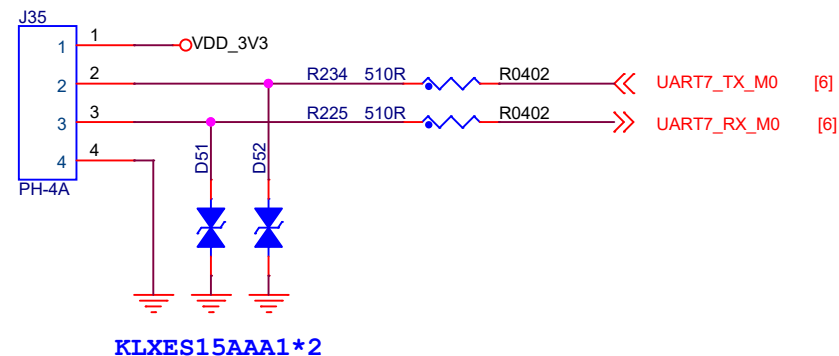
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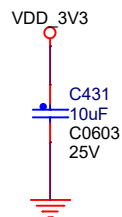
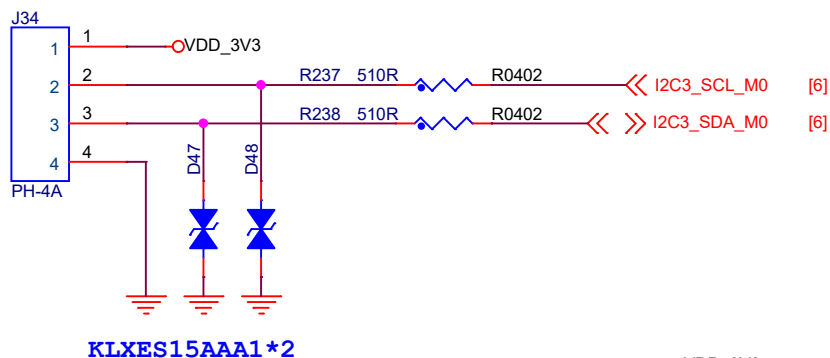
I2C PORT 0



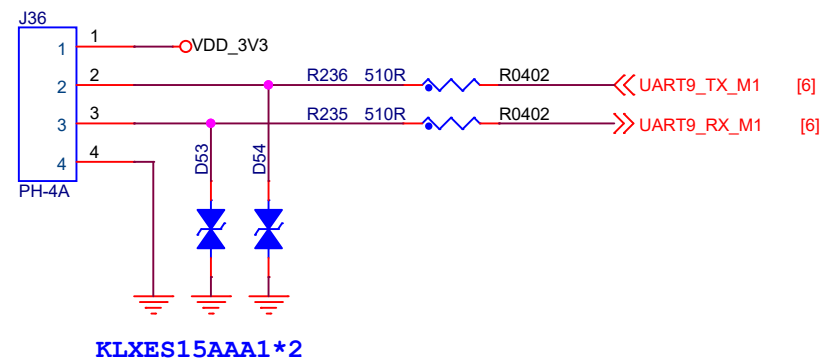
UART PORT 0



I2C PORT 1



UART PORT 1



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40P GPIO

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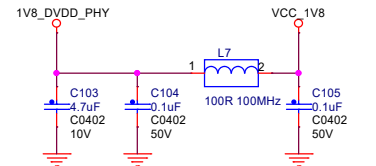
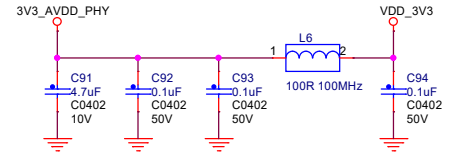
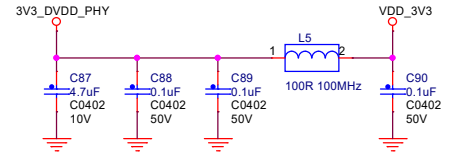
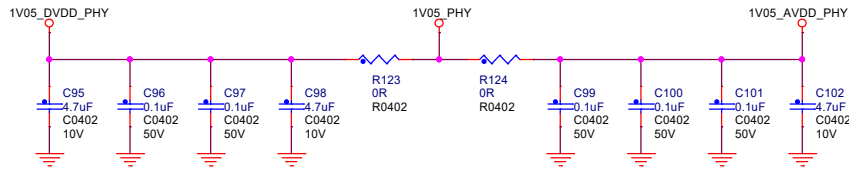
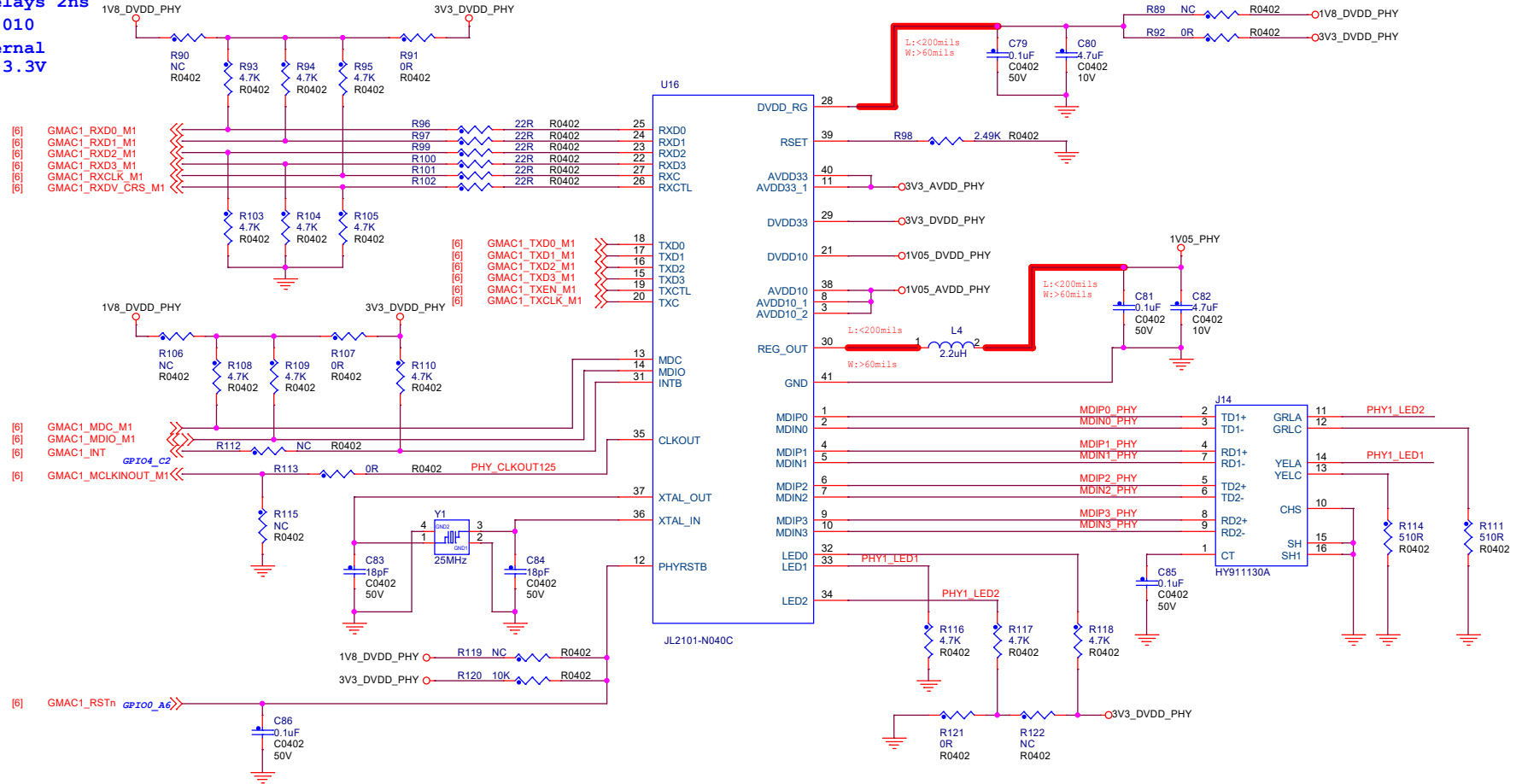
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ETH

TXC / RXC : delays 2ns

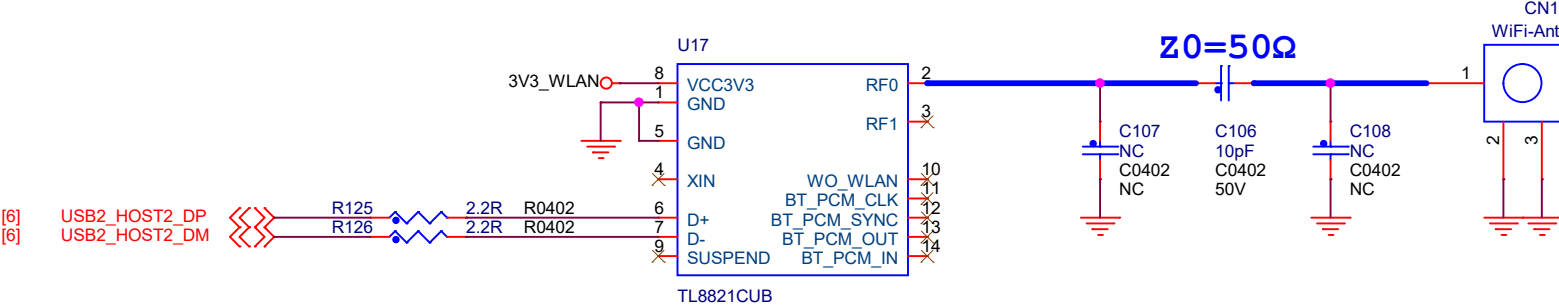
PHY Address : 010

IO use an external
power supply: 3.3V

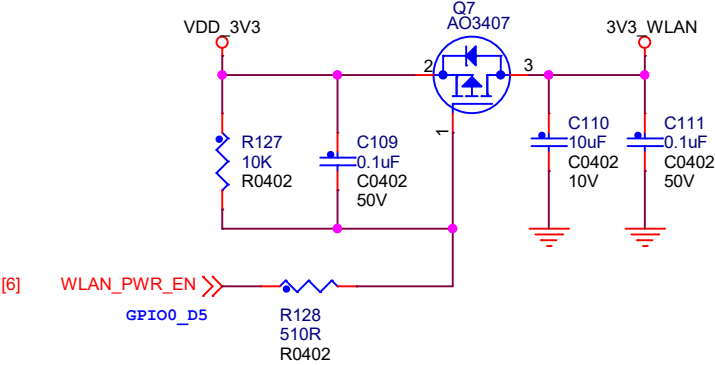


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WLAN & BT

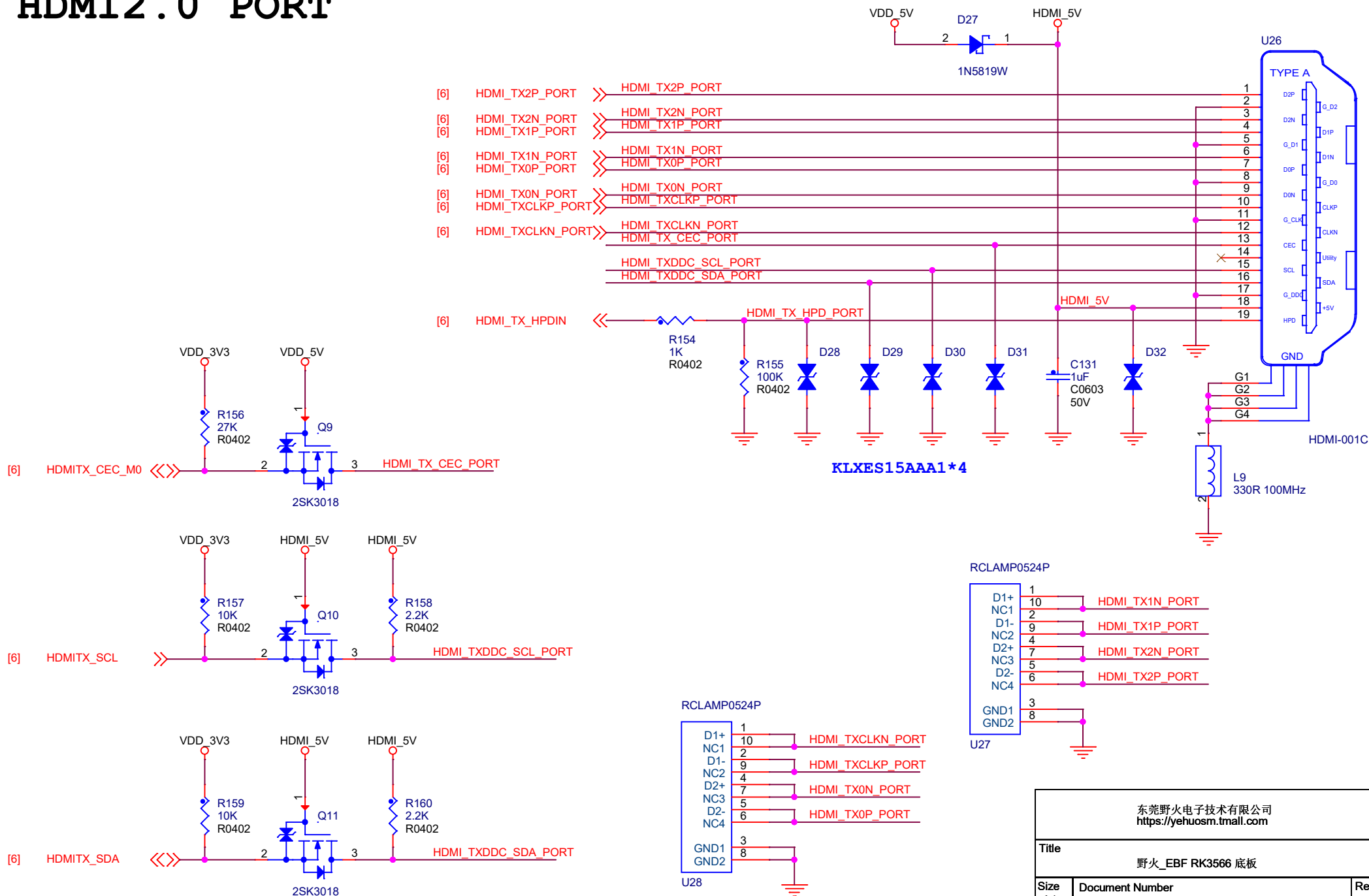


WLAN Power



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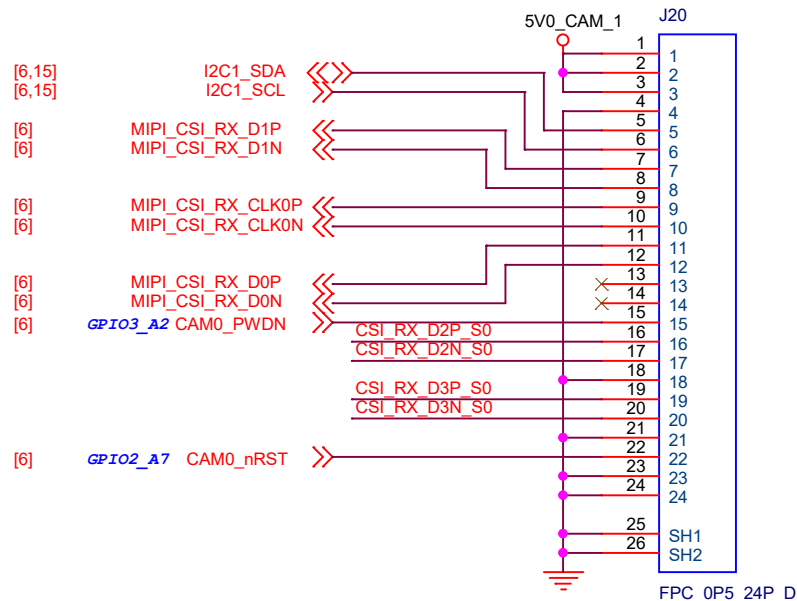
HDMI2.0 PORT



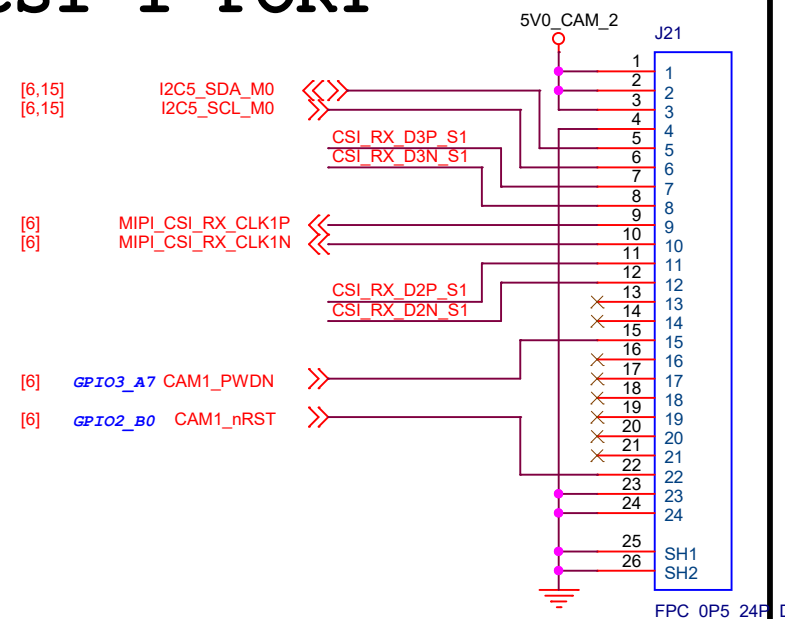
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野火_EBF RK3566 底板		
Size A4	Document Number HDMI PORT	Rev V1.0
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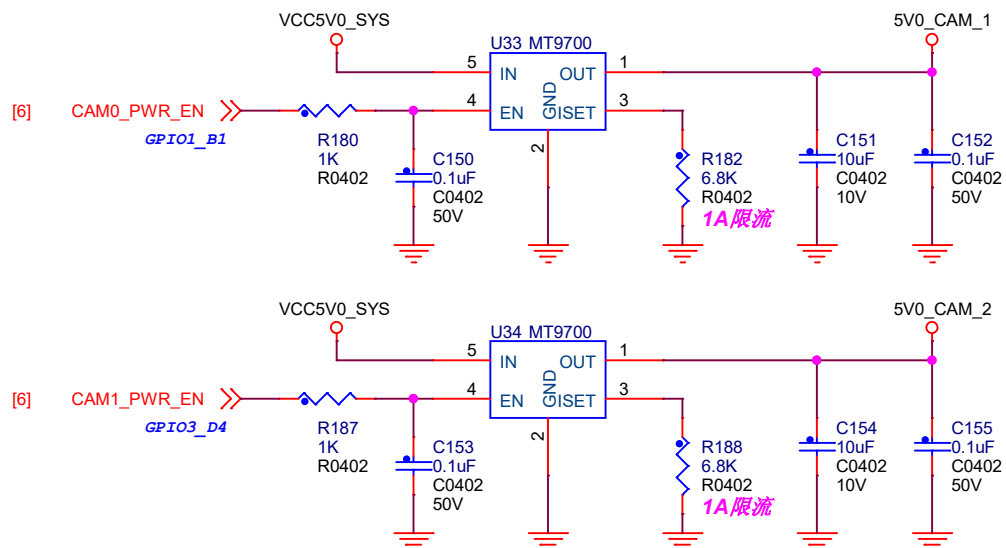
MIPI CSI 0 PORT



MIPI CSI 1 PORT

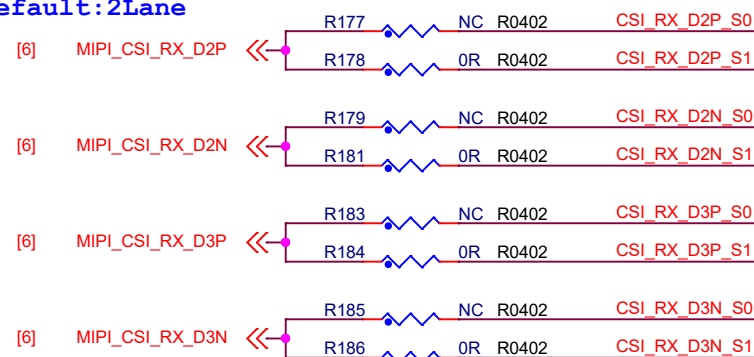


MIPI CSI Power



Channel Gating

Default: 2Lane



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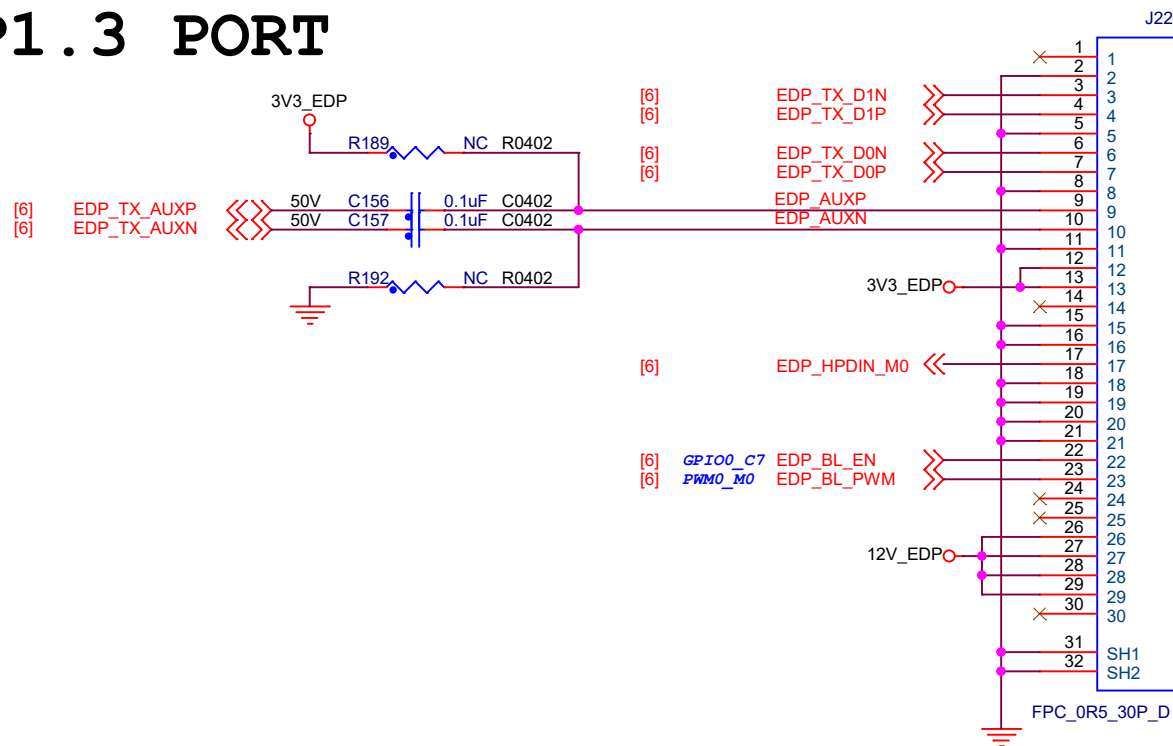
Document Number
MIPI CSI PORT

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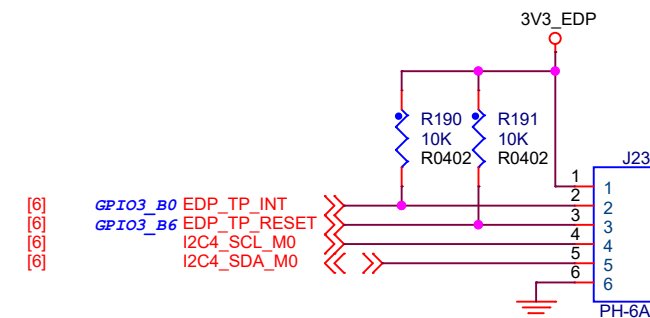
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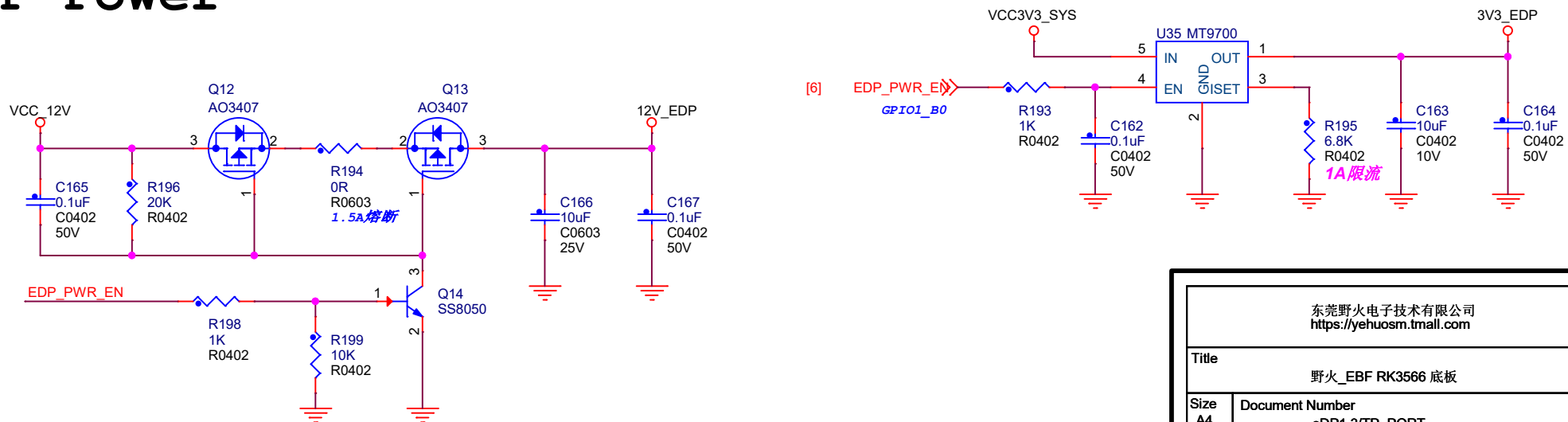
eDP1.3 PORT



EDP TOUCH



EDP Power



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Title

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Document Number
eDP1.3/TP_PORT

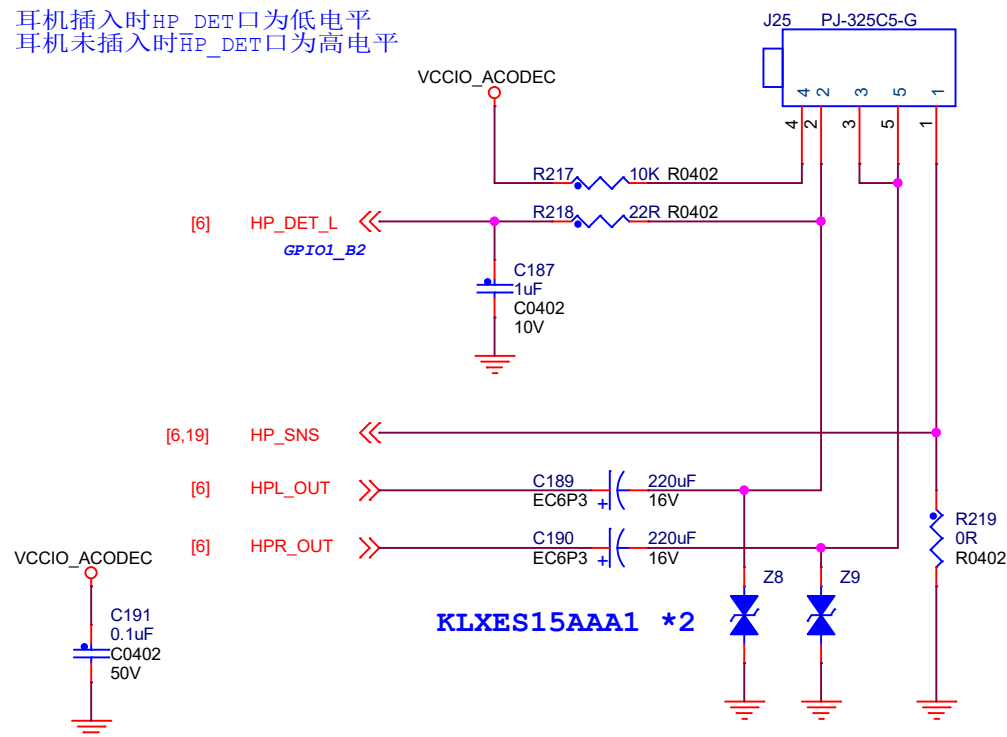
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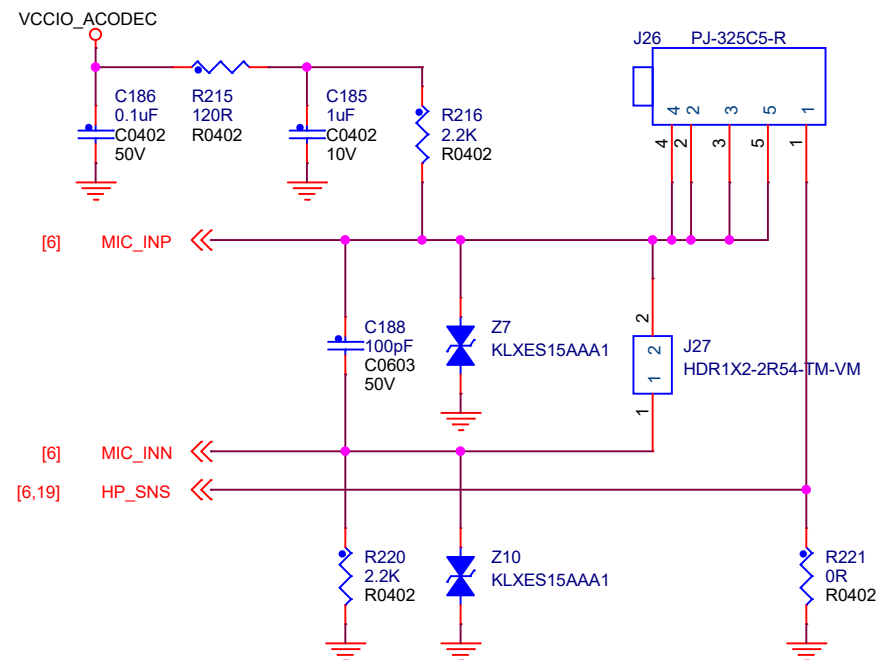
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EarPhone PORT

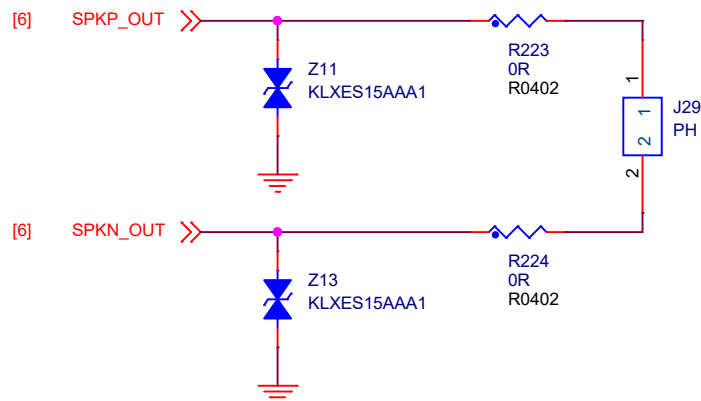
耳机插入时HP_DET口为低电平
耳机未插入时HP_DET口为高电平



MIC PORT



SPK PORT



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AUDIO PORT

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