

Sparkroad SCH V1.0

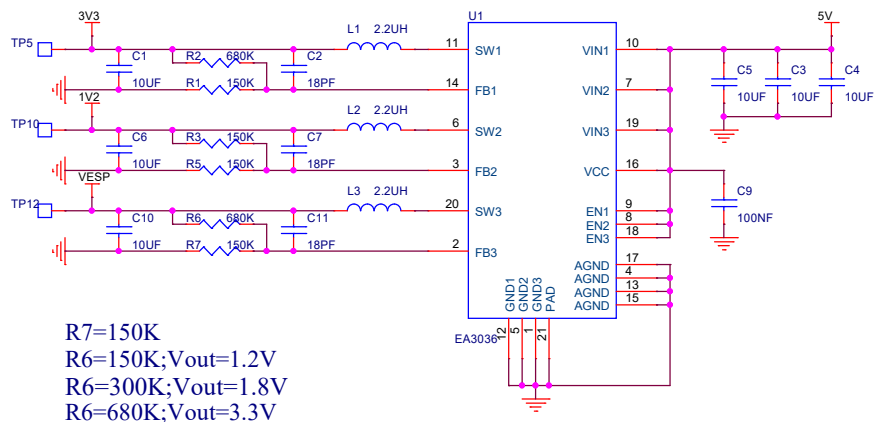
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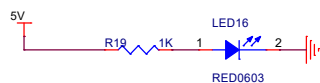
REVISION HISTORY

Date	Author	Version	Comments
2019.07.04	Sparkroad	0.1	Initial Release
2019.07.30	Sparkroad	1.0	

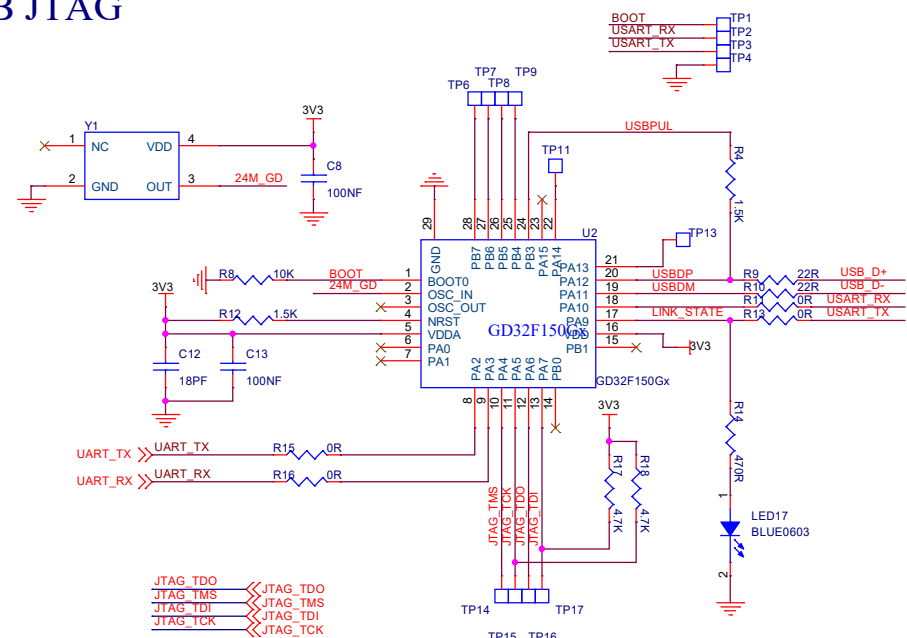
Power



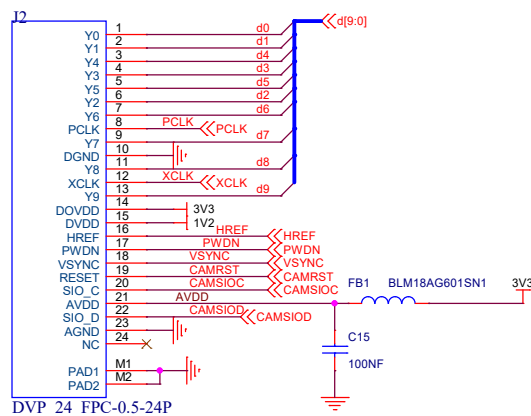
R7=150K
R6=150K;Vout=1.2V
R6=300K;Vout=1.8V
R6=680K;Vout=3.3V



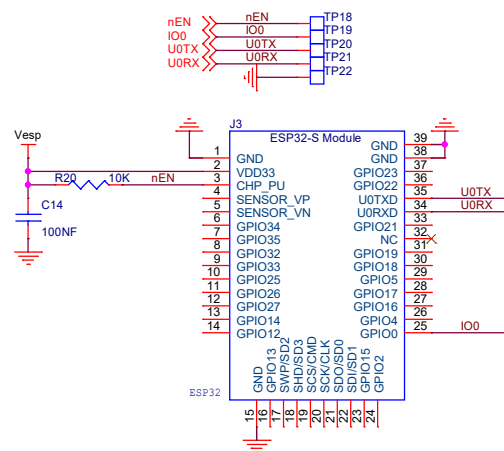
USB JTAG



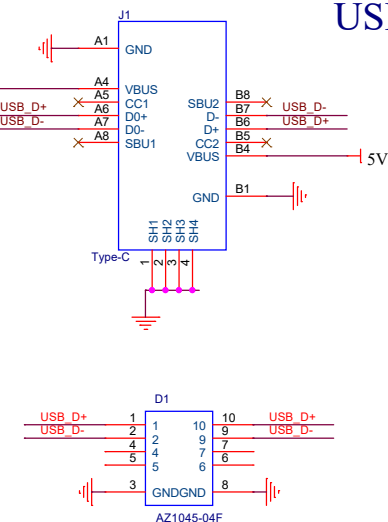
Interfaces



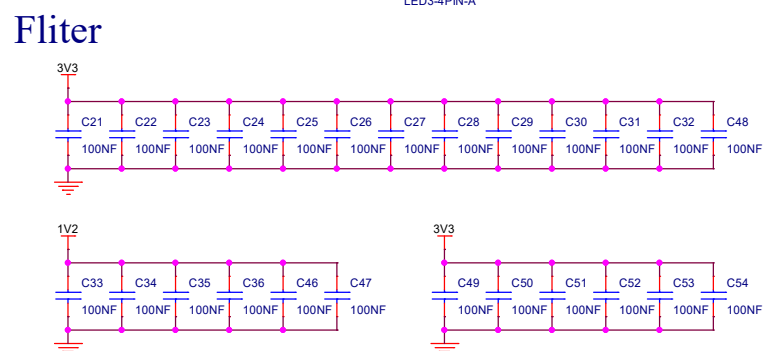
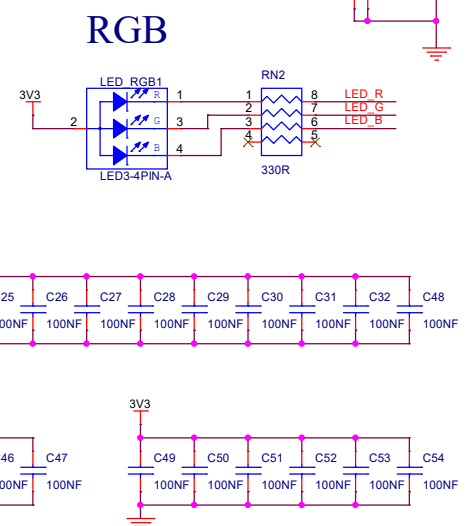
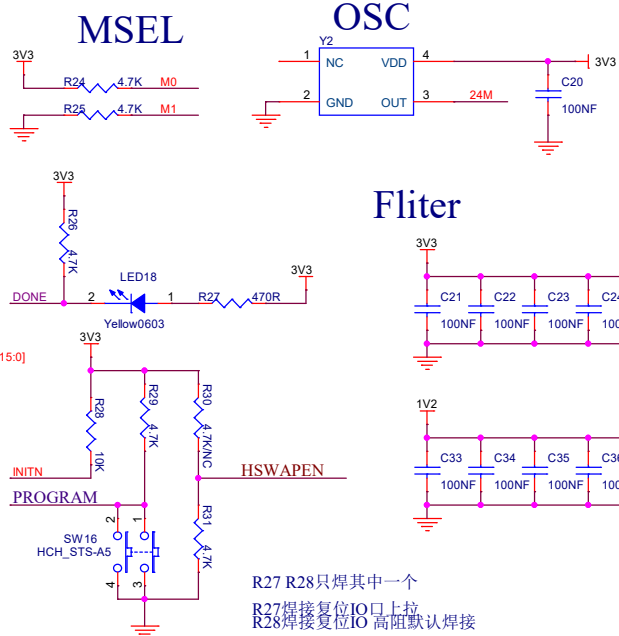
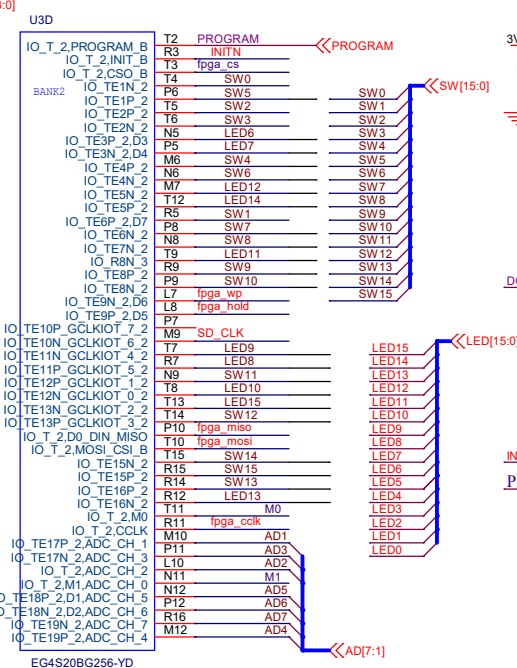
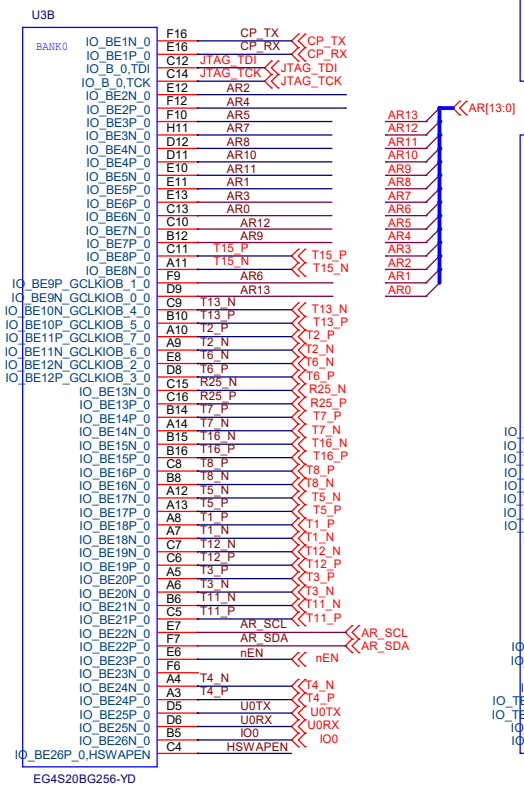
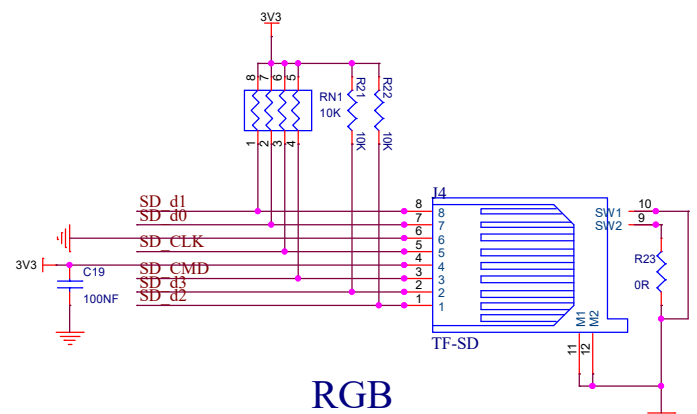
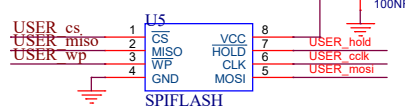
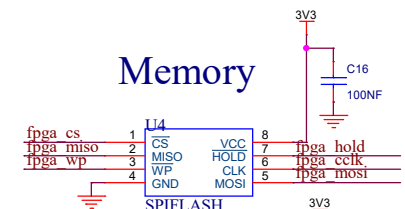
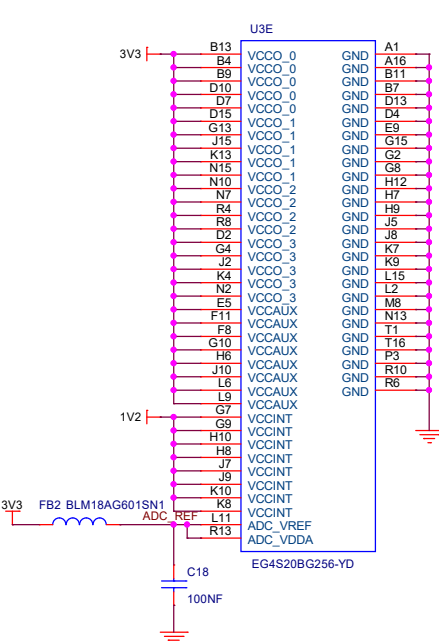
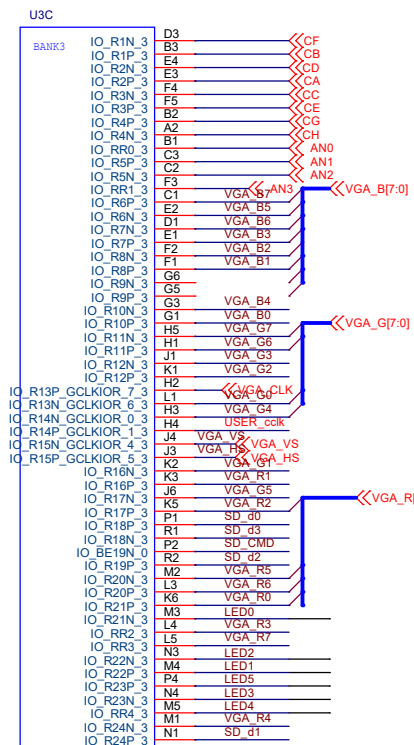
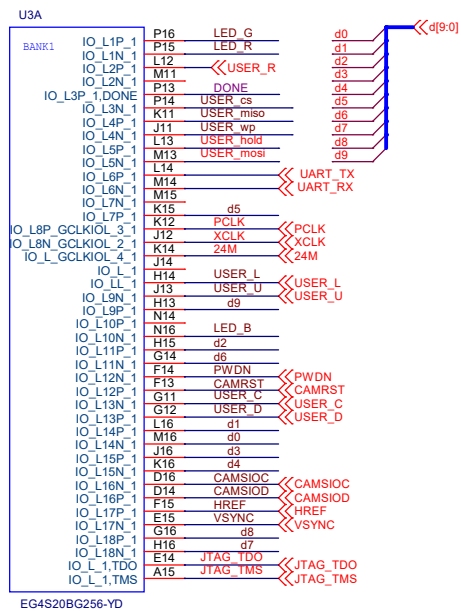
WIFI



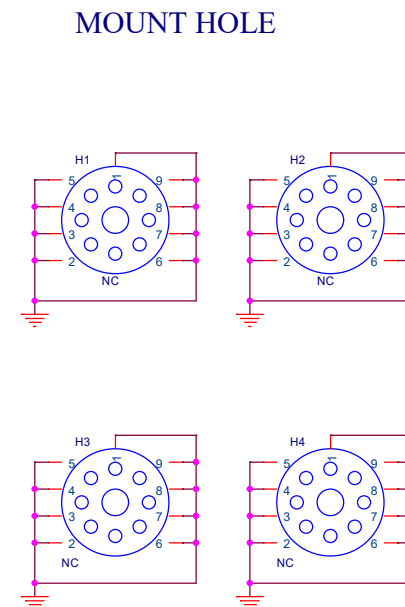
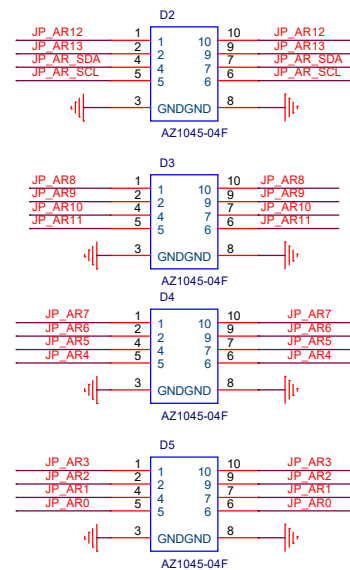
USB-C



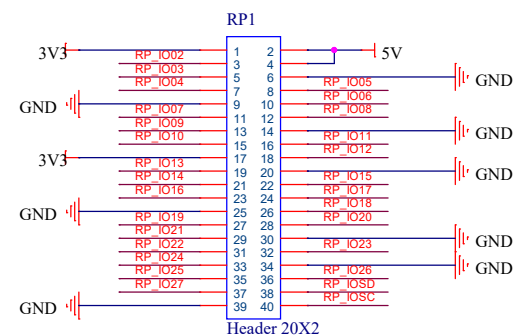
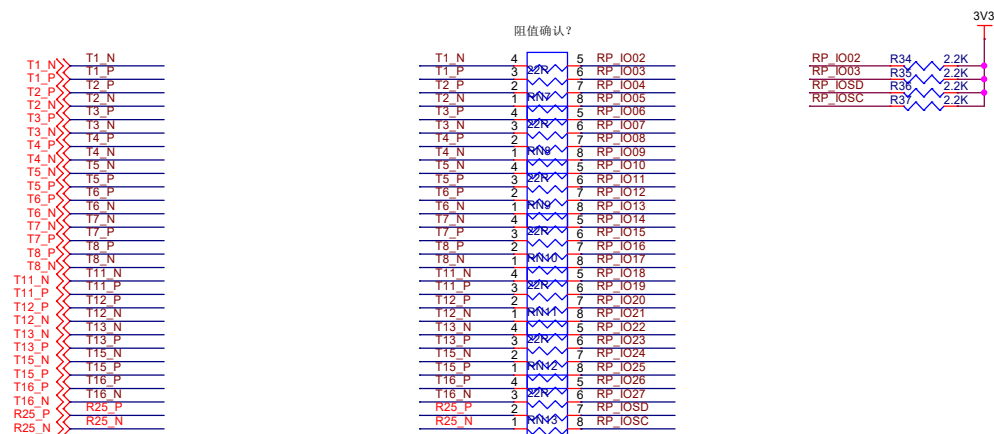
Title		POWER_JTAG_WIFI		Sparkroad	
Size	A3	Document Number	<Doc>	Rev	1.0
Date:	Tuesday, July 30, 2019	Sheet	2	of	6



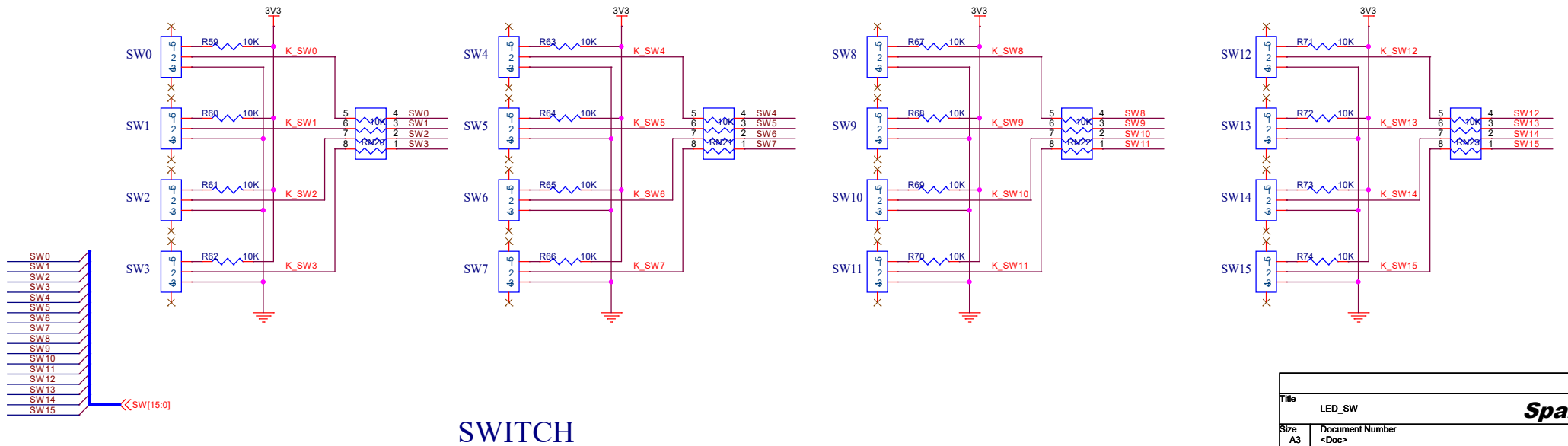
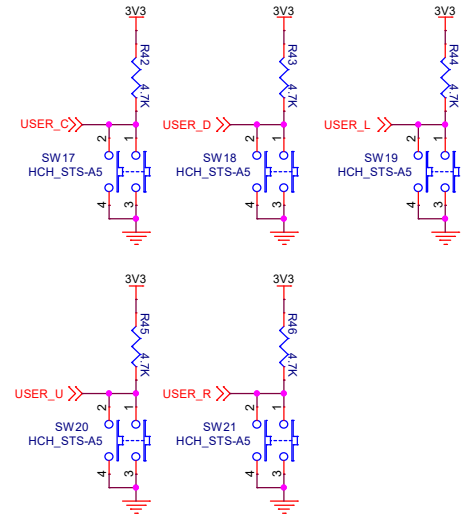
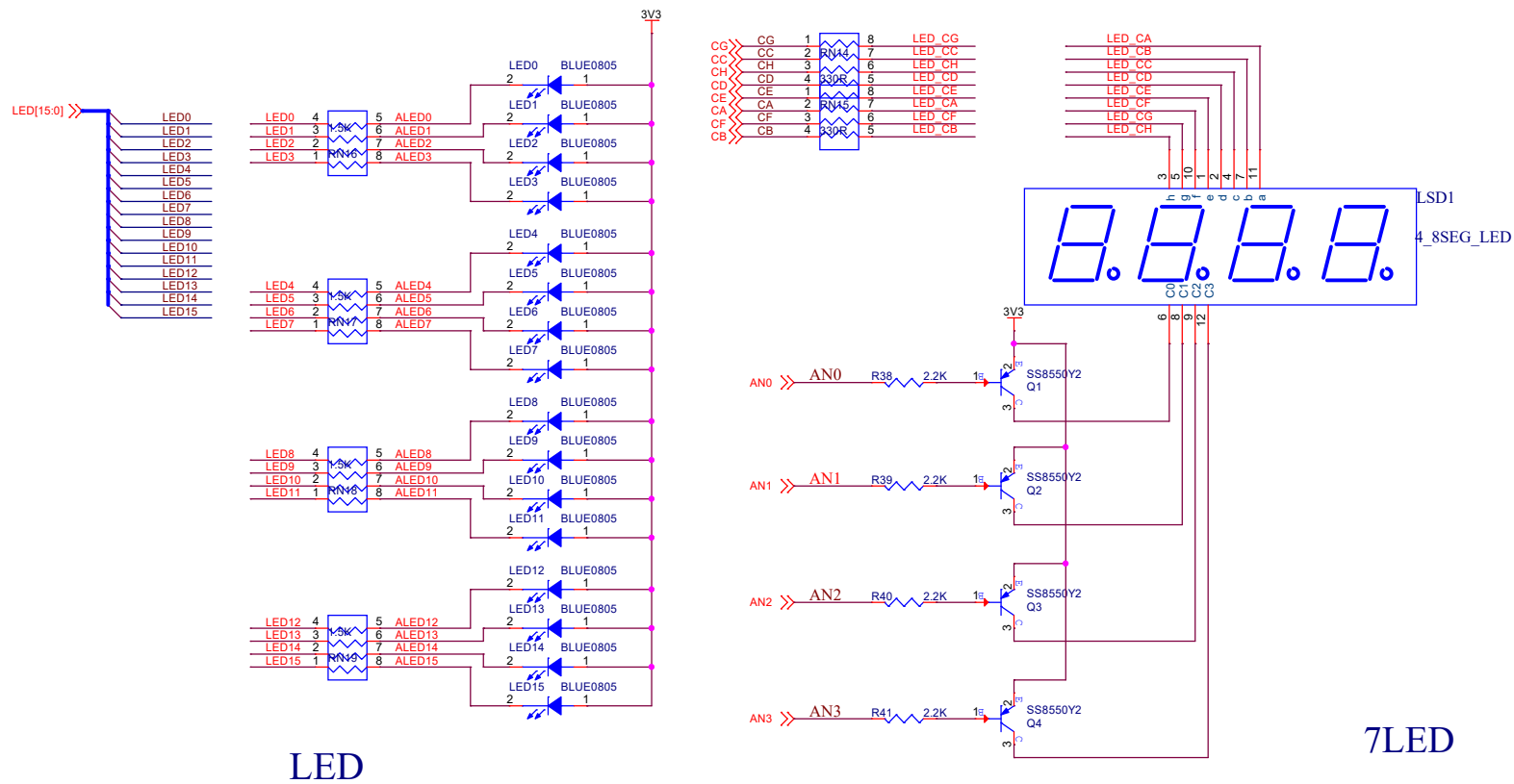
R27 R28只焊其中一个
R27焊接复位IO口上拉
R28焊接复位IO 高阻默认焊接

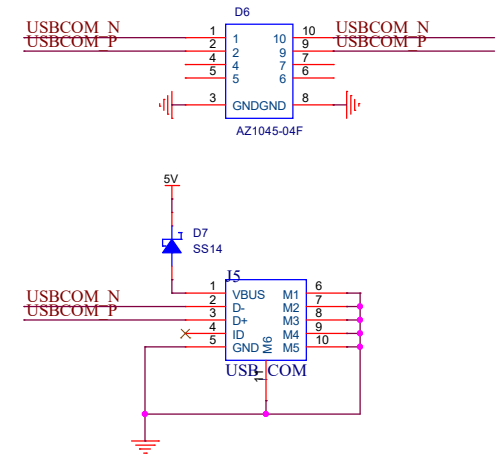


Arduino



Raspberry Pi





VGA

VGA_R0
VGA_R1
VGA_R2
VGA_R3
VGA_R4
VGA_R5
VGA_R6
VGA_R7
VGA_G0
VGA_G1
VGA_G2
VGA_G3
VGA_G4
VGA_G5
VGA_G6
VGA_G7
VGA_B0
VGA_B1
VGA_B2
VGA_B3
VGA_B4
VGA_B5
VGA_B6
VGA_B7
VGA_HS
VGA_VS
VGA_CLK

VGA_R[7:0]
VGA_G[7:0]
VGA_B[7:0]
VGA_HS
VGA_VS
VGA_CLK

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