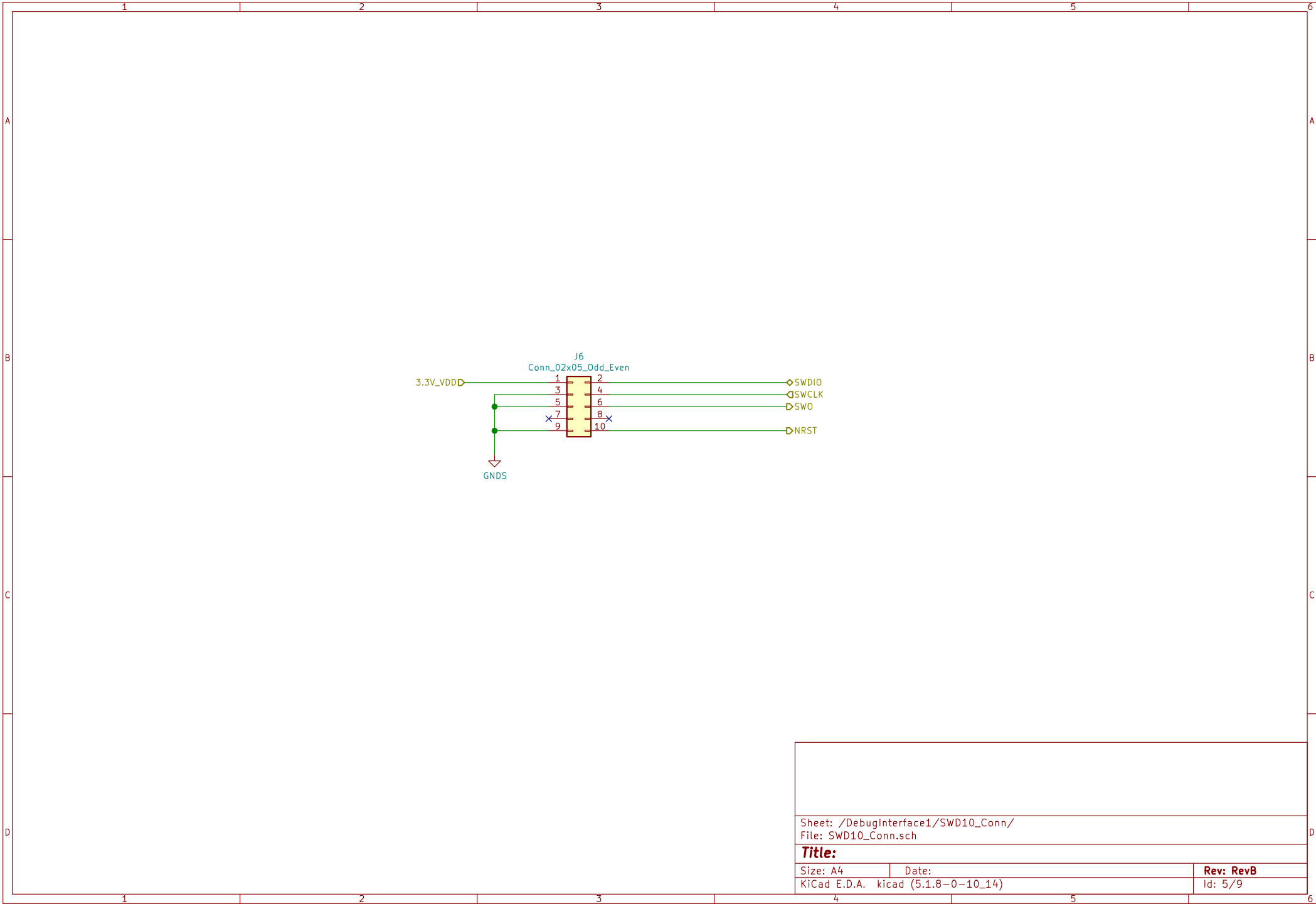
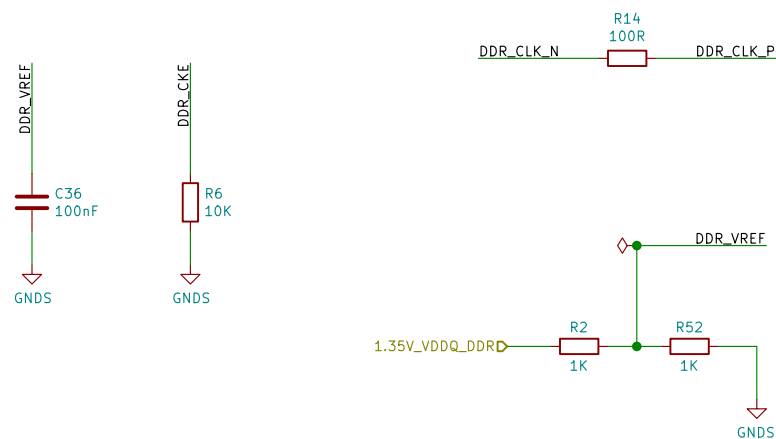
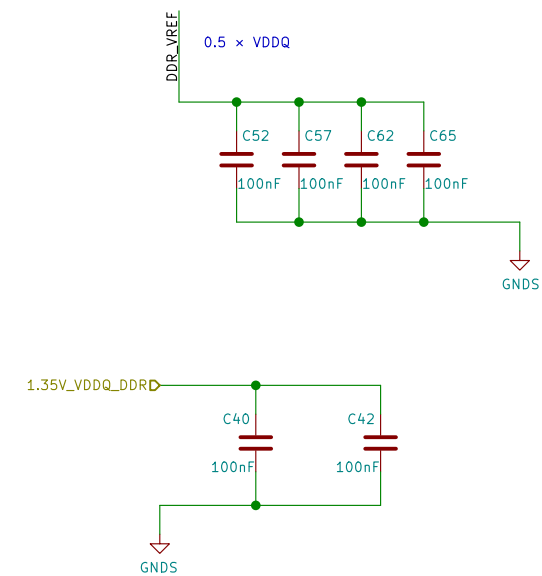
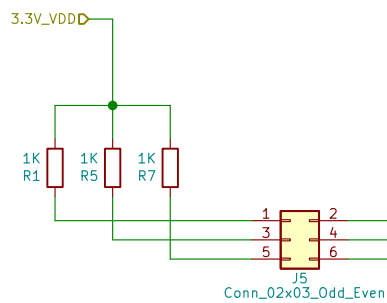
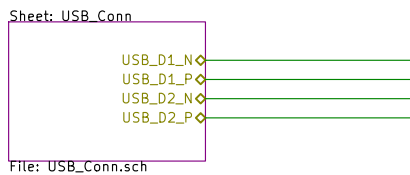
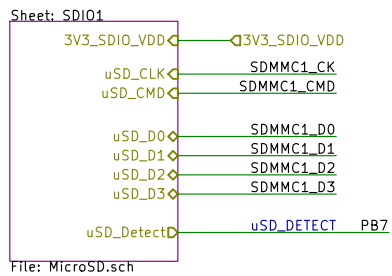


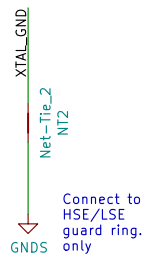
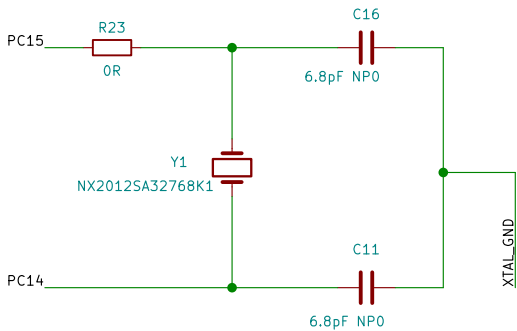
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<b>Title:</b>		
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KiCad E.D.A. kicad (5.1.8-0-10_14)		Id: 4/9





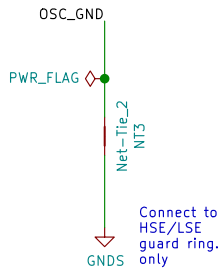
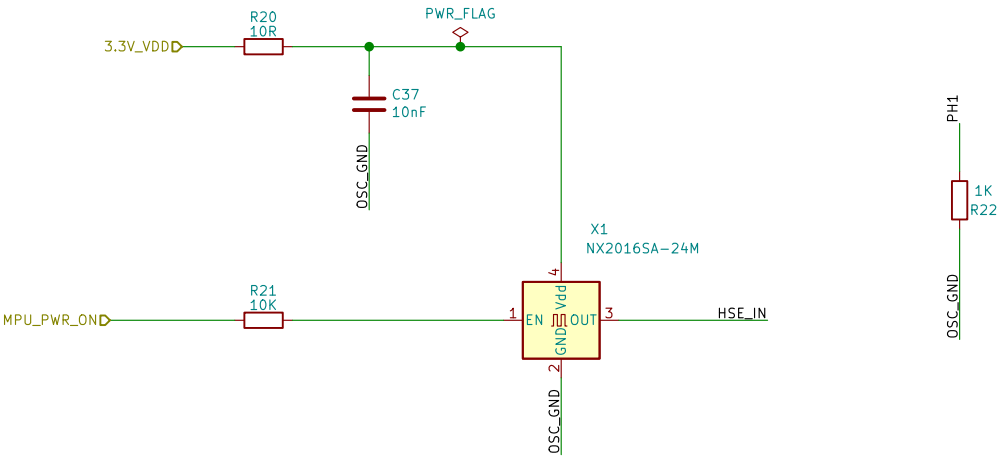


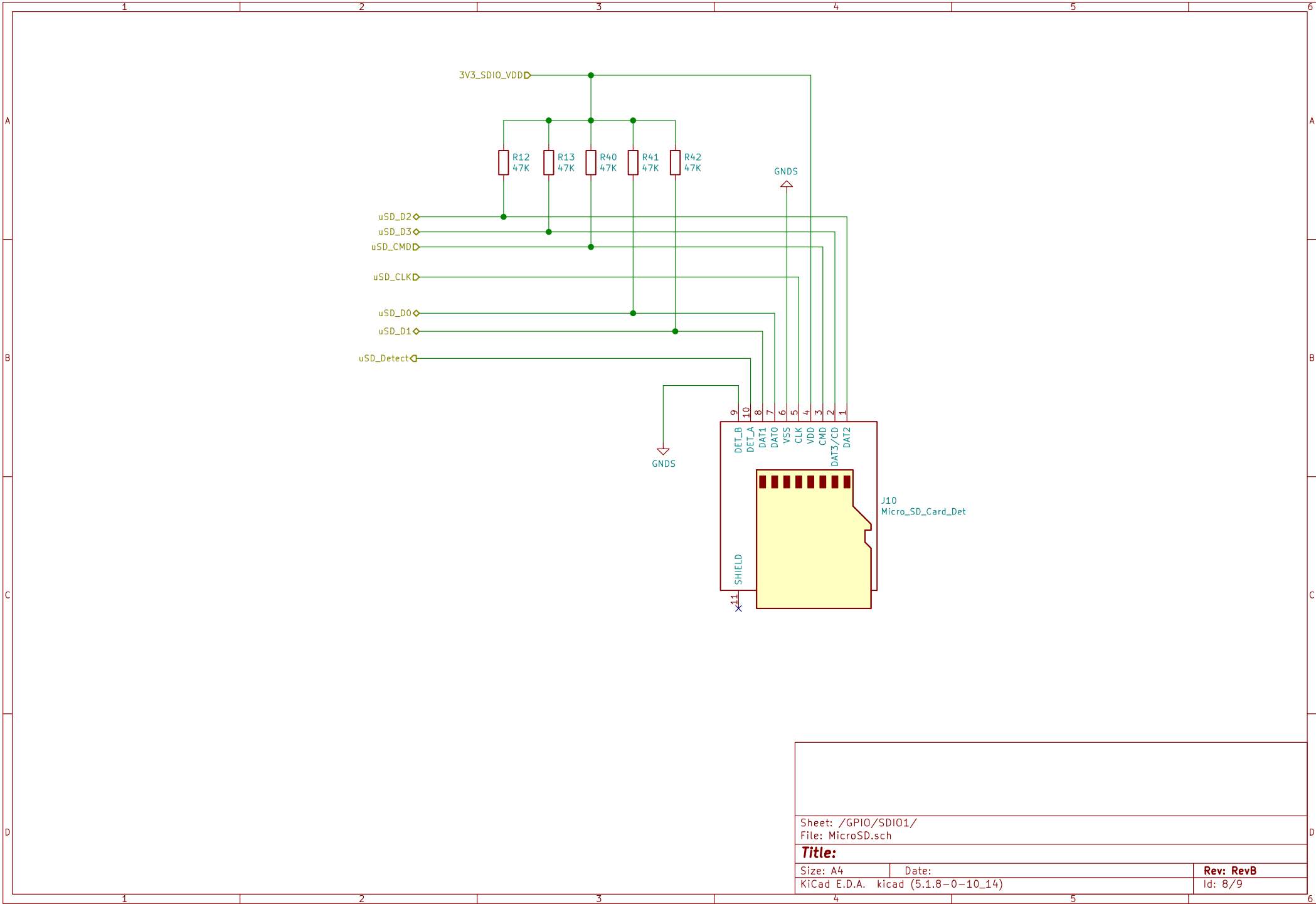
BOOT MODE	BOOT2	BOOT1	BOOT1
SDCard	1	0	1
Forced UART/USB	0	0	0
Disable Flash boot	1	0	0



PA13 specific behavior (AN5031 – STM32MP1 HW Development):

- During boot phase, in case of boot failure, the PA13 pin is set to low open-drain (that is the error LED lights bright).
- During UART/USB boot, the PA13 pin toggles open-drain at a rate of about 5 Hz until a connection is started (that is error LED blinks fast).
- With BOOT[2:0] = 0b100 (no boot, used for specific debug). PA13 toggles open-drain at a rate of about 5 KHz (that is error LED lights weak).
- In all other cases, the PA13 is kept in its reset value, that is high–z until software setting.





Sheet: /GPIO/SDI01/  
File: MicroSD.sch

**Title:**

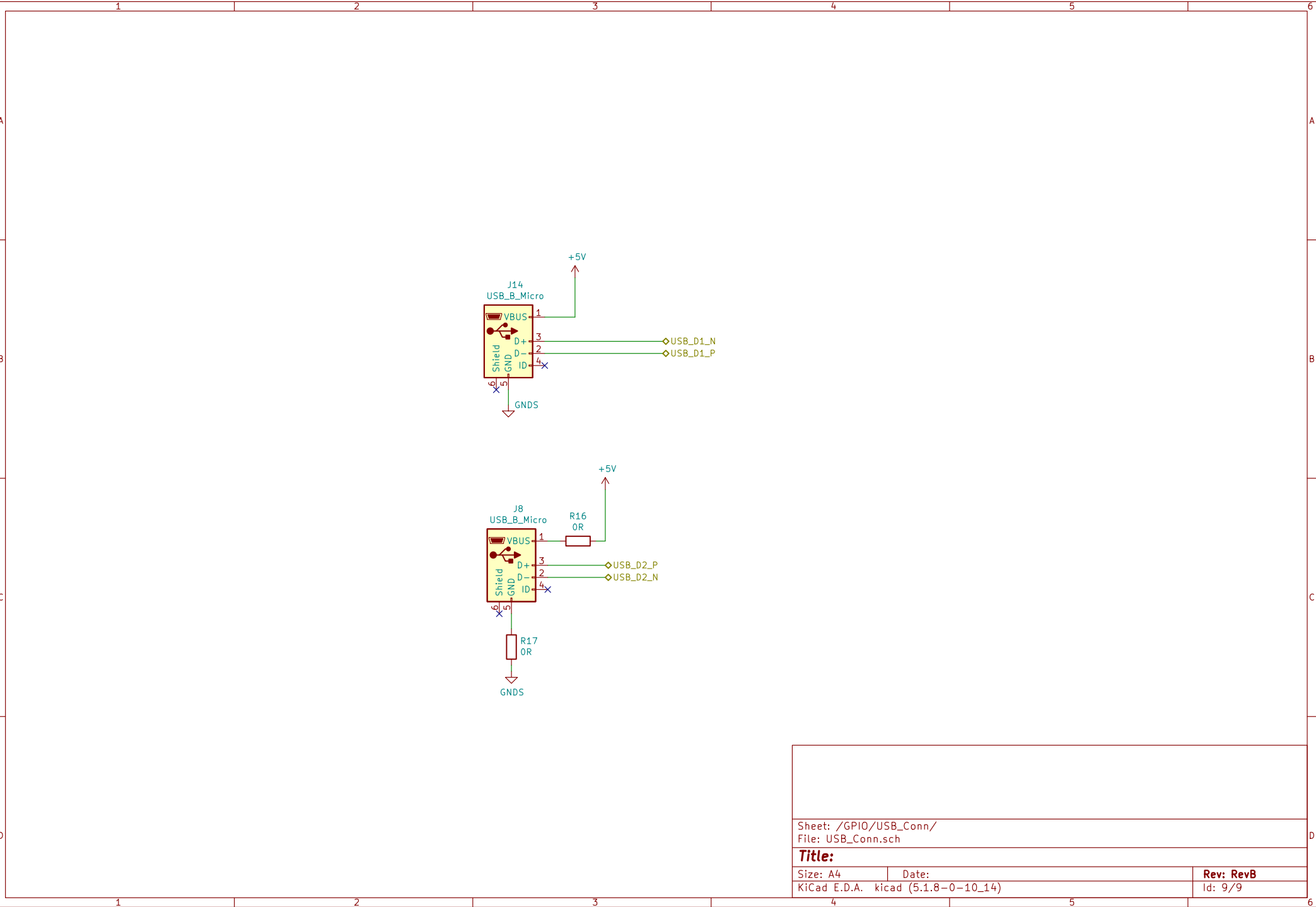
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Date:

Rev: RevB

Id: 8/9





Sheet: /GPIO/USB_Conn/		
File: USB_Conn.sch		
Title:		
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