

Sheet: /DebugInterface1/SWD10_Conn/
File: SWD10_Conn.sch

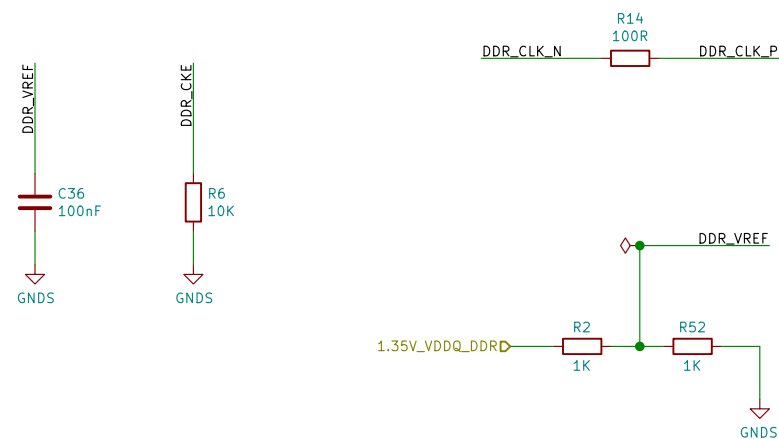
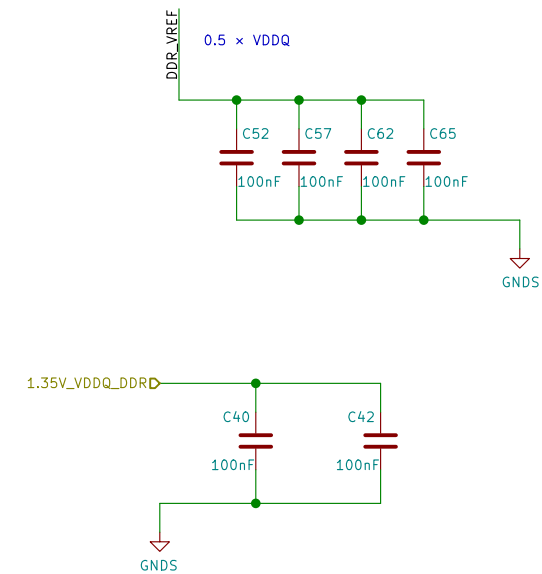
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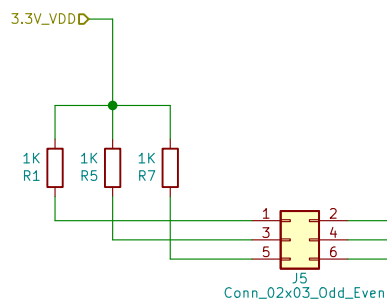
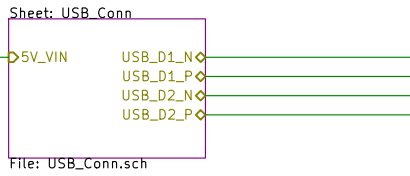
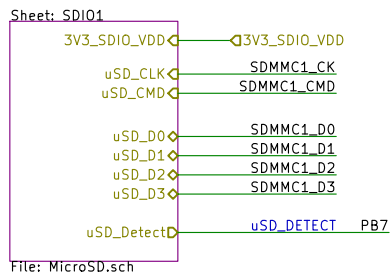
Size: A4 Date: 2021-06-13

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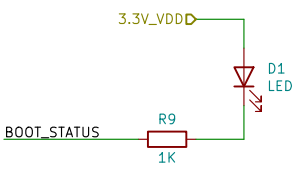
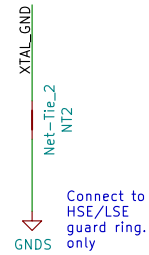
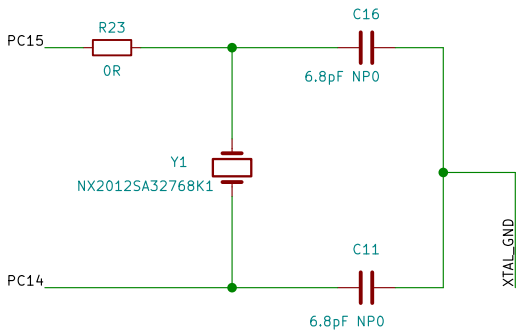
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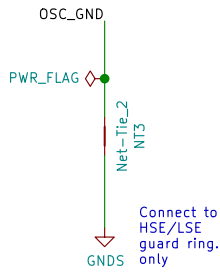
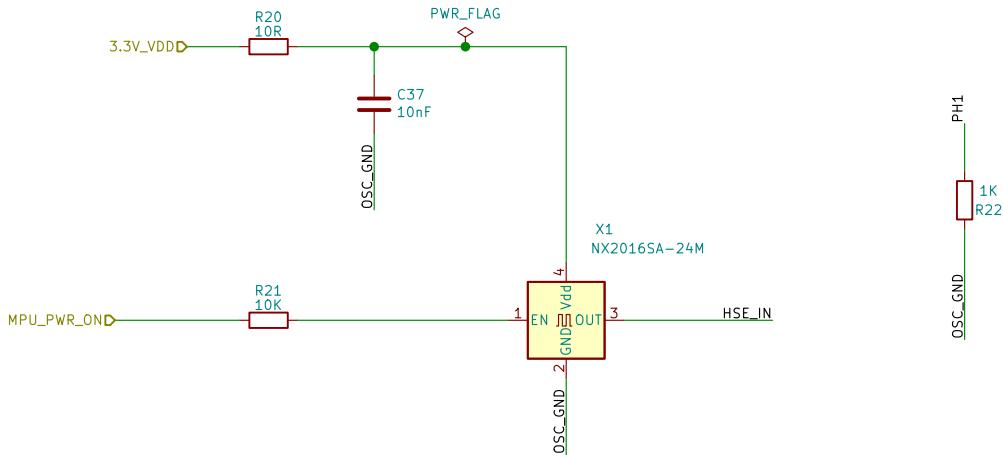


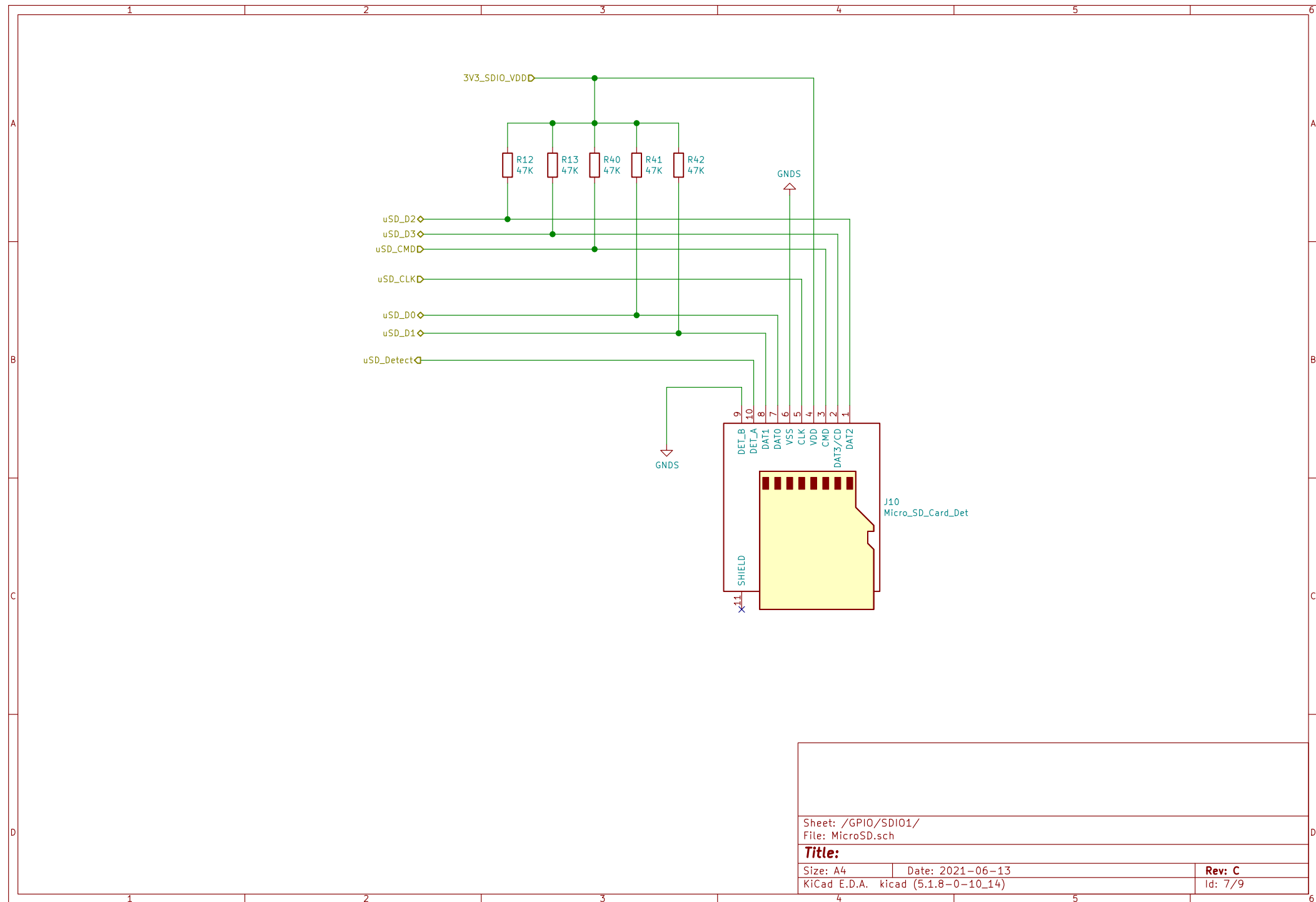


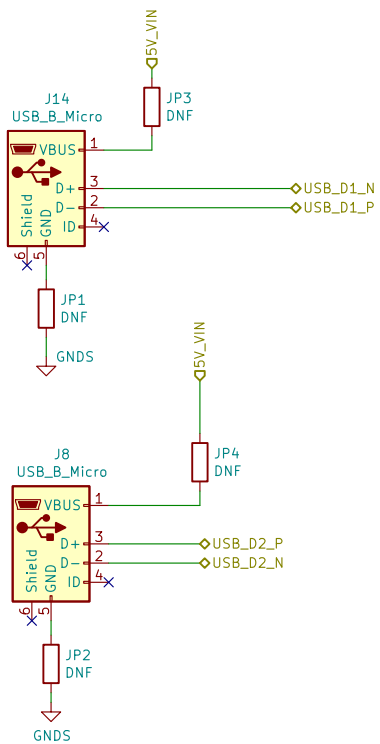
BOOT MODE	BOOT2	BOOT1	BOOT0
SDCard	1	0	1
Forced UART/USB	0	0	0
Disable Flash boot	1	0	0



- 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/USB_Conn/
File: USB_Conn.sch

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Size: A4 Date: 2021-06-13

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