

NUCLEO-WL5JC

MB1389

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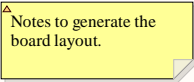
Sheet 8: ST-LINK/V3E-SWD Power Module

U_MB1389_Top
MB1389_Top.SchDoc



Legend

- General comment such as function title, configuration, ...
- Text to be added to silkscreen.
- Warning text.



OPEN PLATFORM LICENSE AGREEMENT

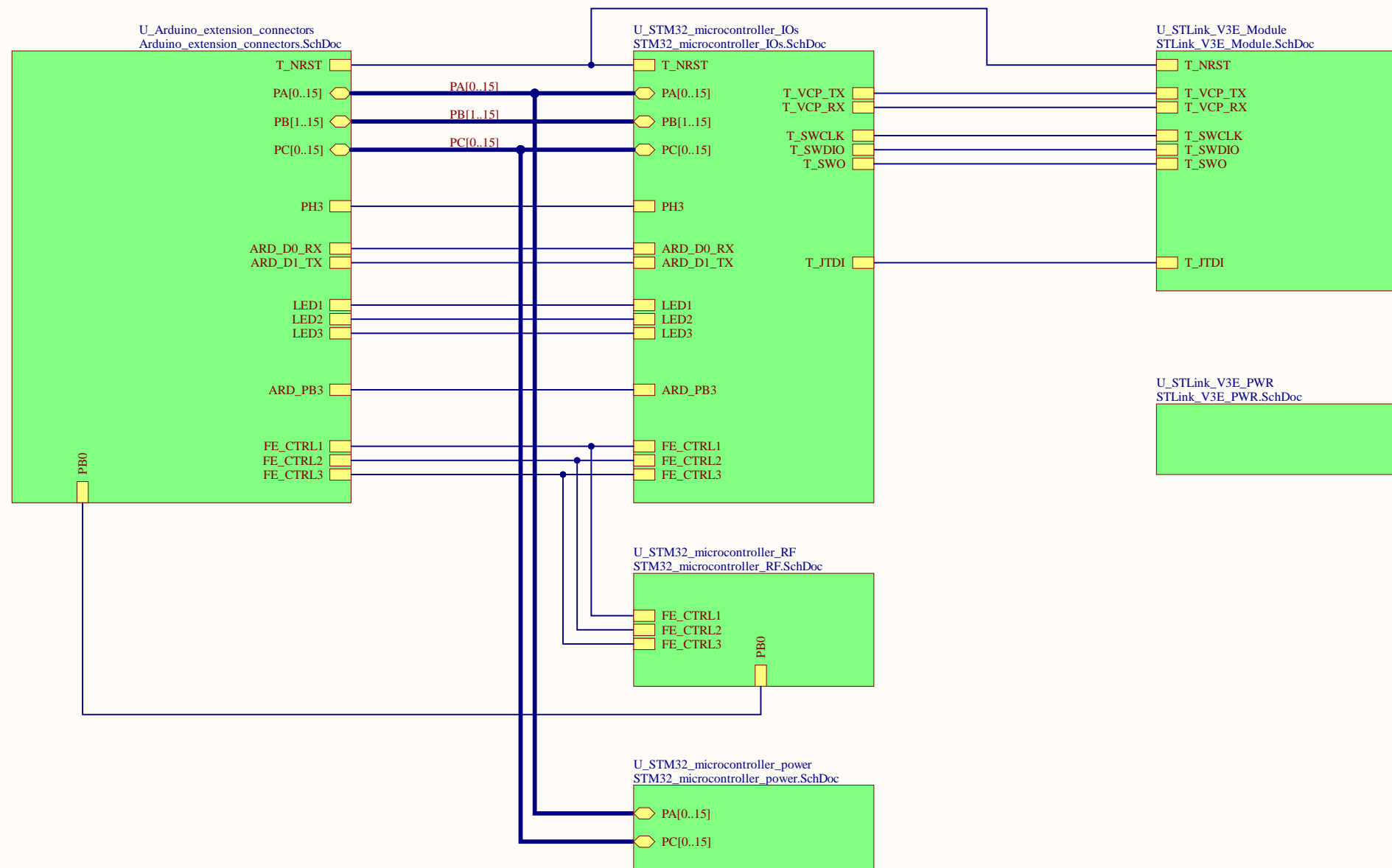
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Title: Project overview		
Project: NUCLEO-WL5JC		
Variant: High-band		
Revision: D-04	Reference: MB1389	
Size: A4	Date: 2020-July-24	Sheet: 1 of 8





HW100
PCB
MBxxxxx

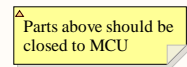
HW101
BOARD REF
MB1389D-01 sywwxxxxx

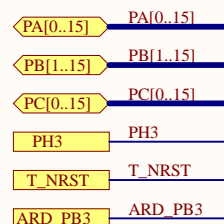
HW102
BOARD CPN
Board CPN

HW108
ES
ES

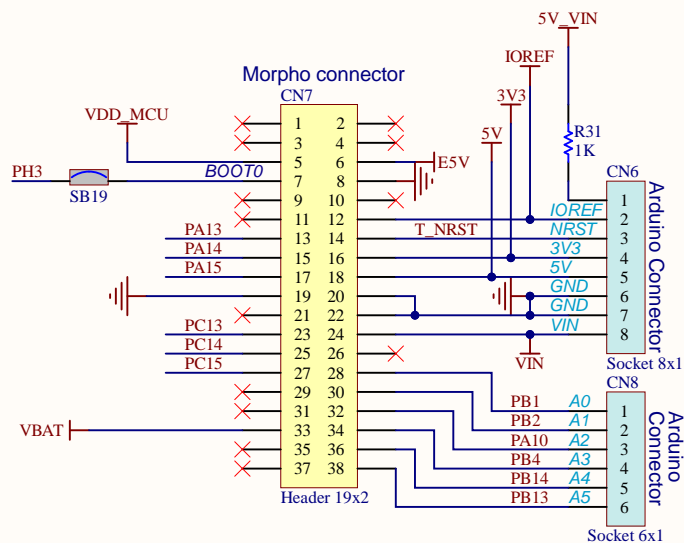
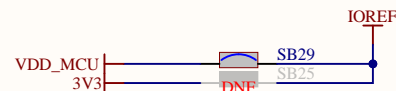
Title: Top hierarchical view		
Project: NUCLEO-WLSJC		
Variant: High-band		
Revision: D-04	Reference: MB1389	
Size: A4	Date: 2020-July-24	Sheet: 2 of 8



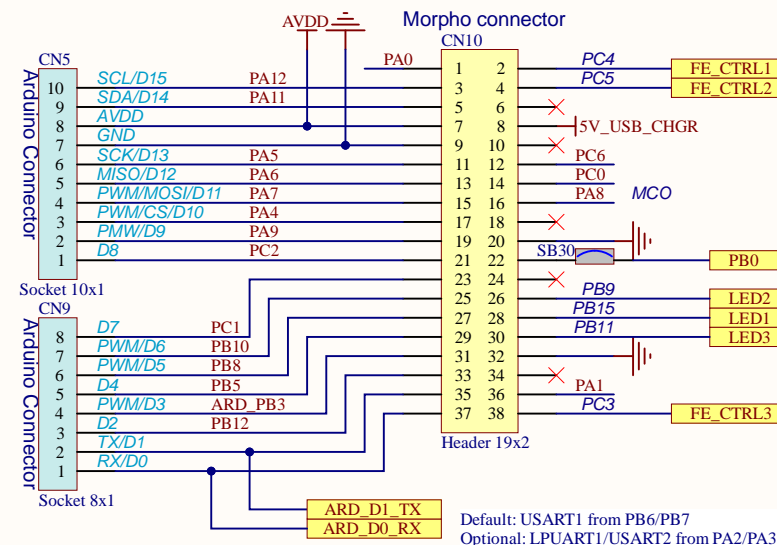




WARNING voltage applied to VIN <11.5V

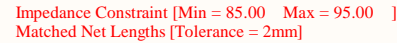


MCU



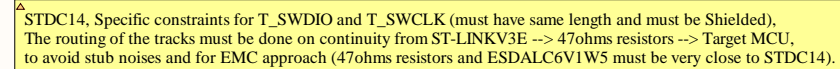
Default: USART1 from PB6/PB7
Optional: LPUART1/USART2 from PA2/PA3

5V_USB_CHGR



ESD protections for connectors

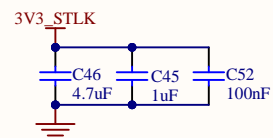
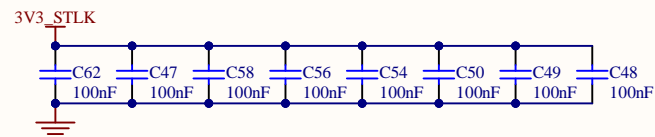
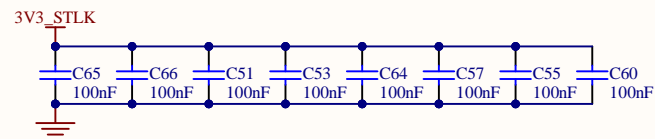
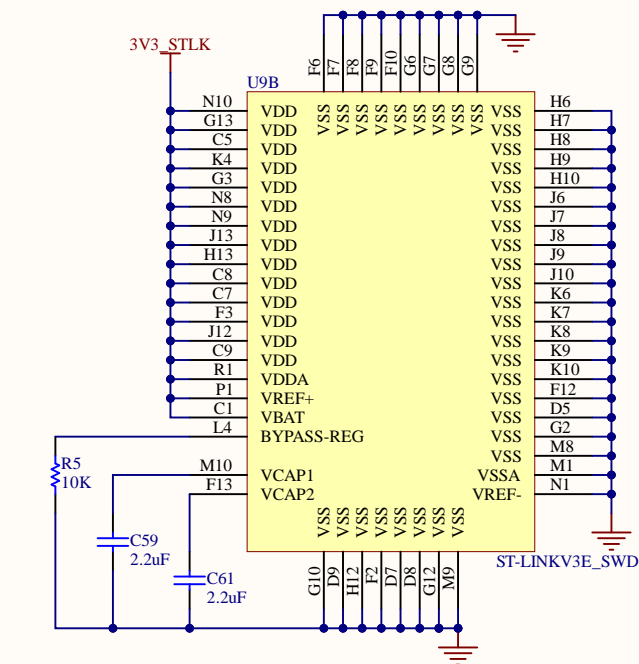
HW11 HW12 HW13 HW14 HW15 HW16



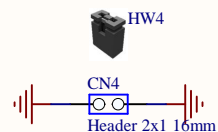
Connector must be on the border of the PCB



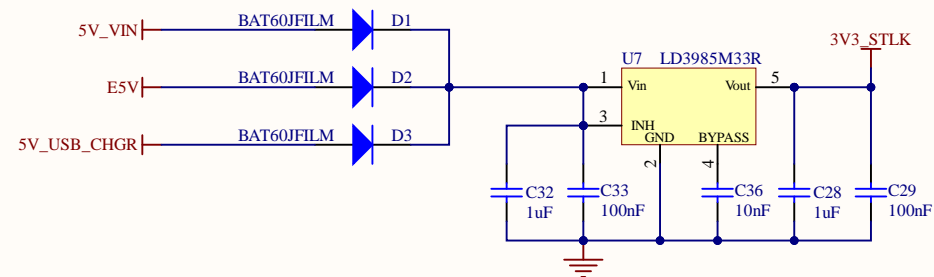
ST-LINKV3E SWD MCU POWER



GND

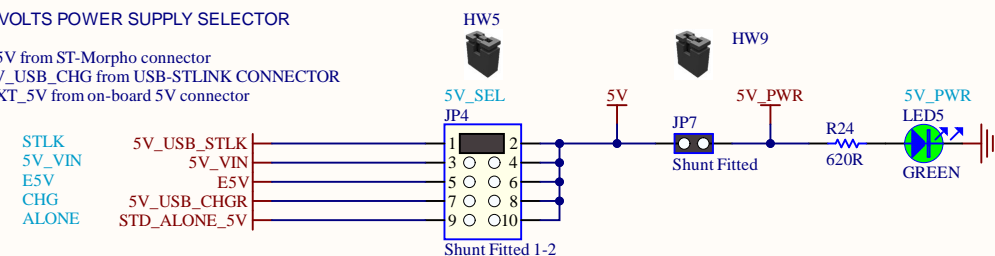


3.3 VOLTS POWER SUPPLY FOR ST-LINK

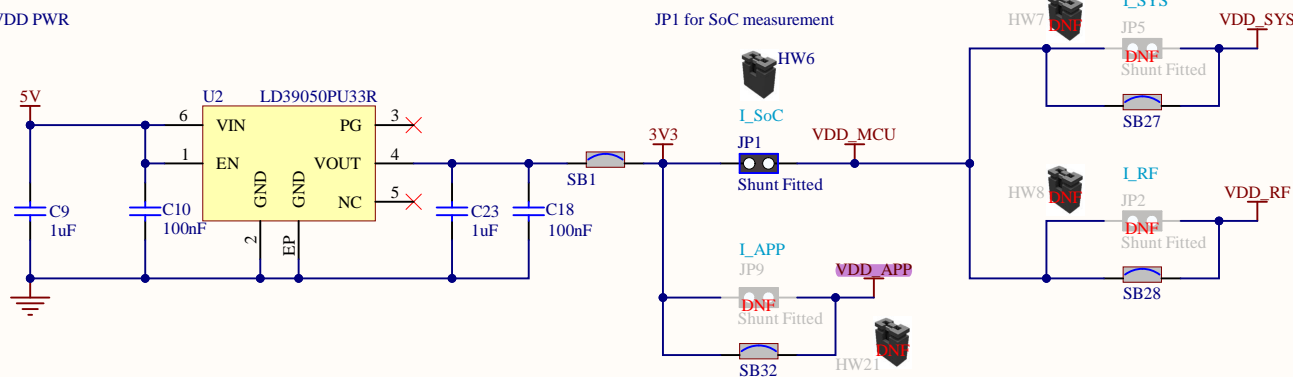


5 VOLTS POWER SUPPLY SELECTOR

E5V from ST-Morpho connector
5V_USB_CHG from USB-STLINK CONNECTOR
EXT_5V from on-board 5V connector



VDD PWR



VIN / 5V PWR

