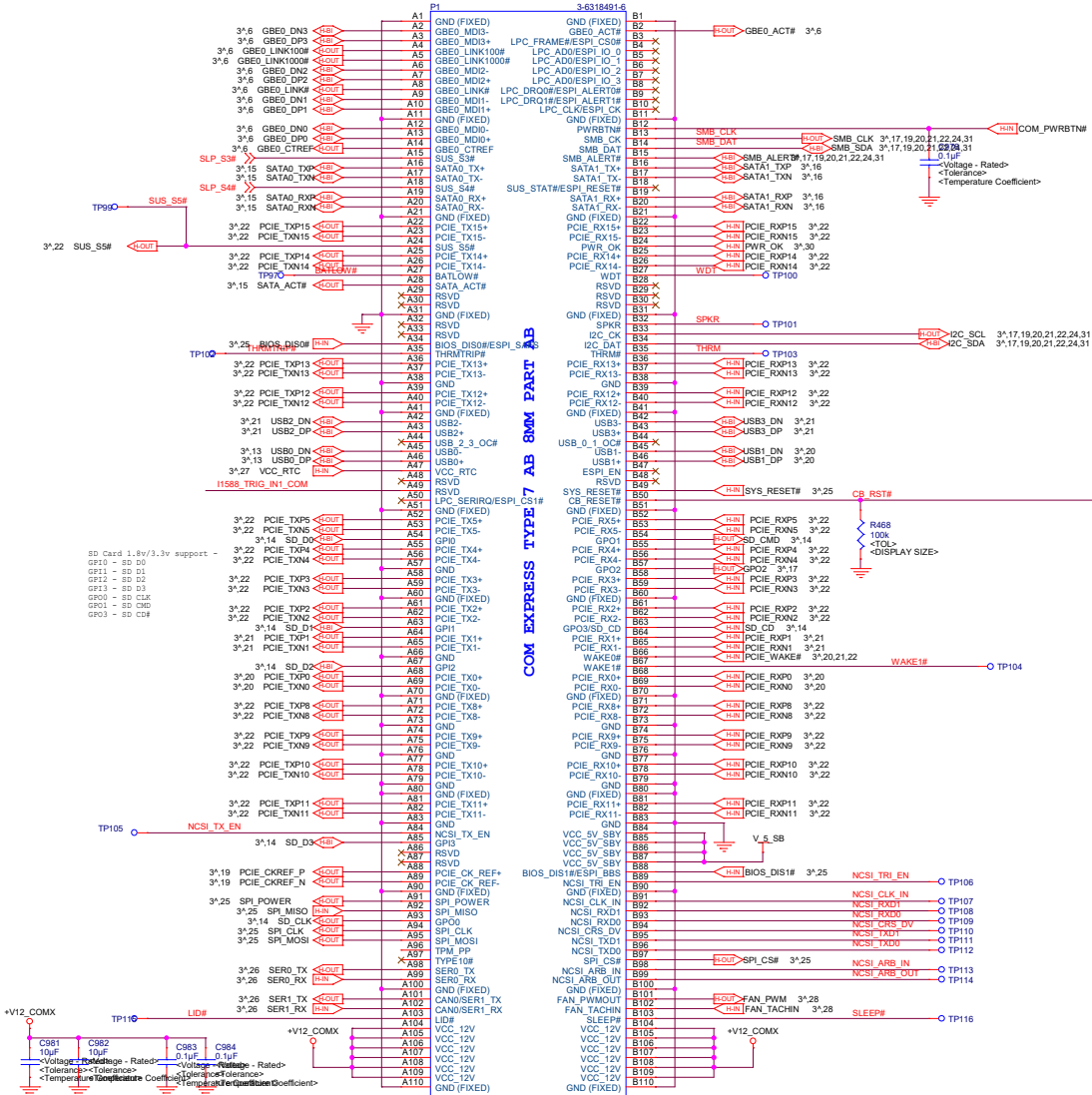


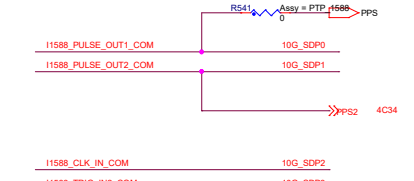
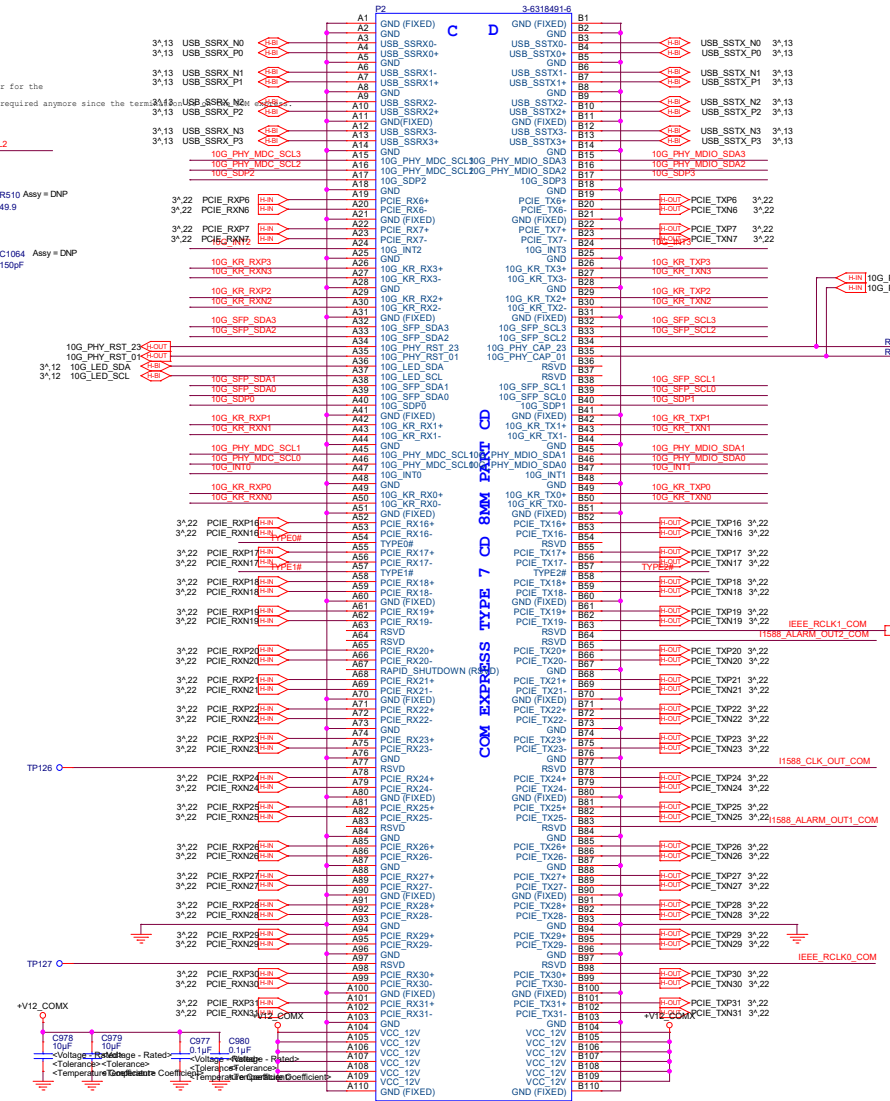
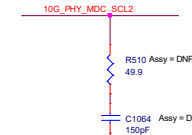
000 - I2C device -
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COM express type 7 AB connector



COM express type 7 AB connector

The below RC circuit is single ended filter for the 10G PHY MDC_SCL2

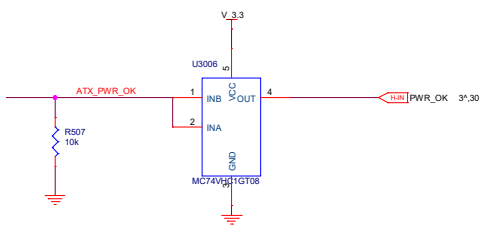
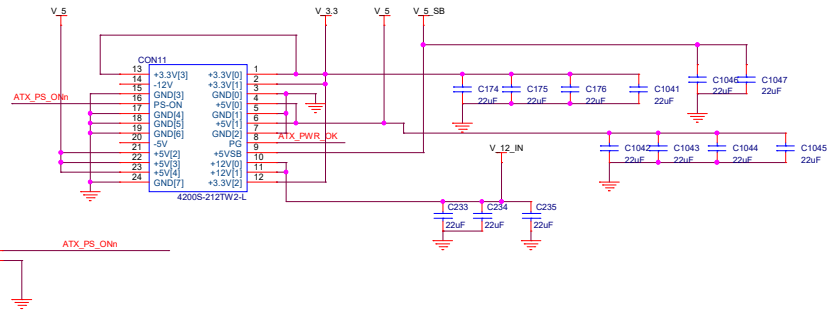


IEEE-1588 Access Header

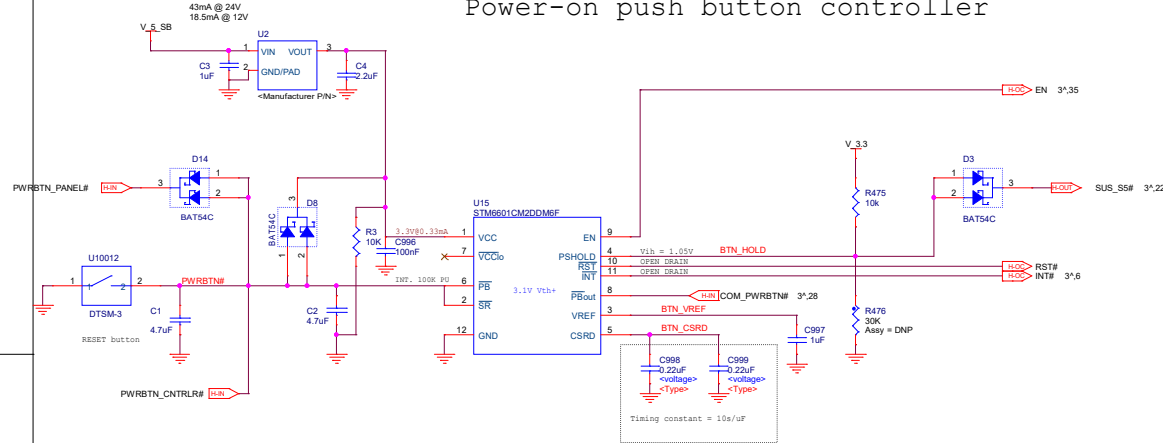


V_3.3_ATX V_3.3

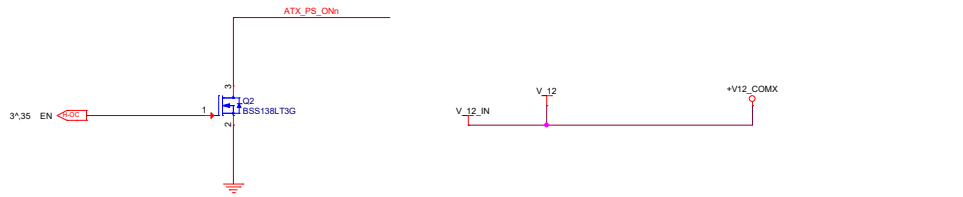
Only 12v part is used.
that enables the PSU.



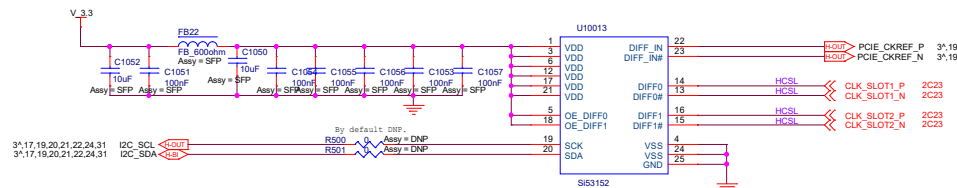
Power-on push button controller



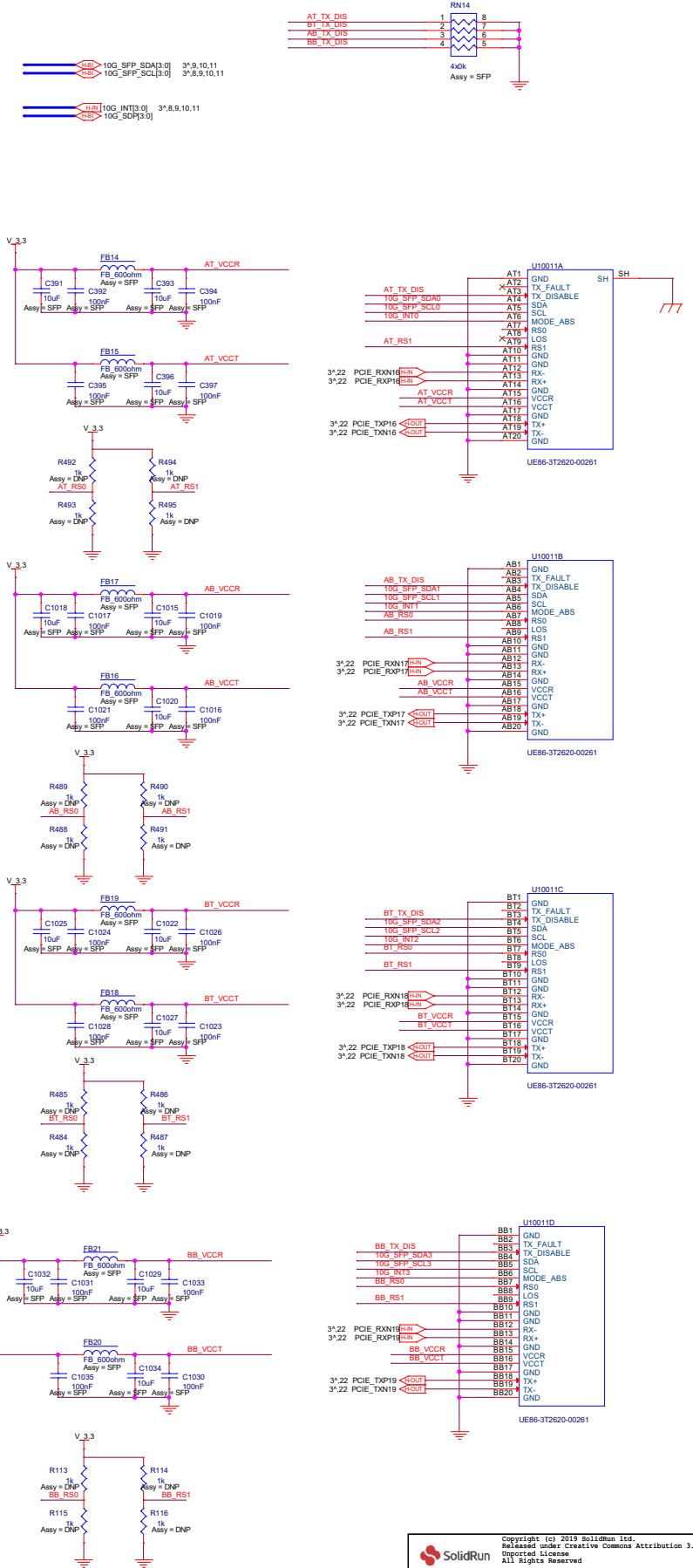
- Notes -
- 1. The push-button controller is configured in a way that powers-on when ATX PSU is available.
 - 2. COM express type 7 can shutdown the ATX PSU via SUE S5# signal.
 - 3. STM32 MCU (micro BMC) can shutdown the motherboard using PWRBTN_CNTRL# signal.
 - 4. PC workstation front panel can shutdown the motherboard via PWRBTN_PANEL# signal.
 - 5. COM express type #7 can get indication of power-button being pressed by COM_PWRBTN# (and thus start a shutdown process)



PCIe clock buffer. Input from COM express type 7 and output is connected to the NVME M.2 connector and PCIe x8 open-slot connector



2x2 SFP+ connector



1588v2 & SYNCE

