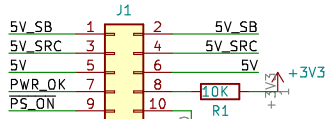
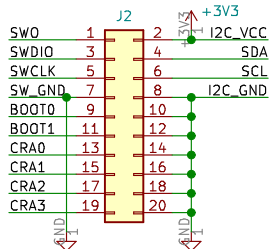


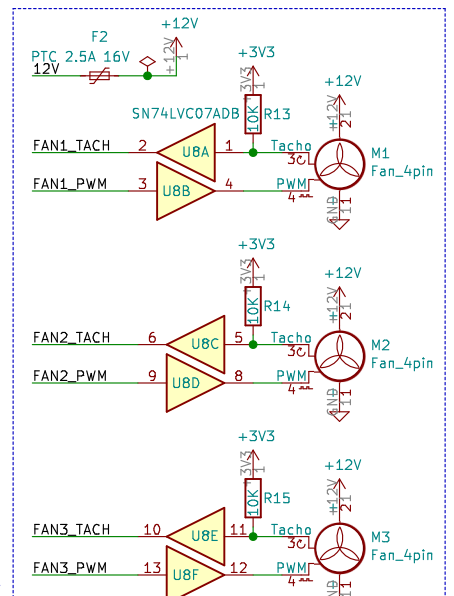
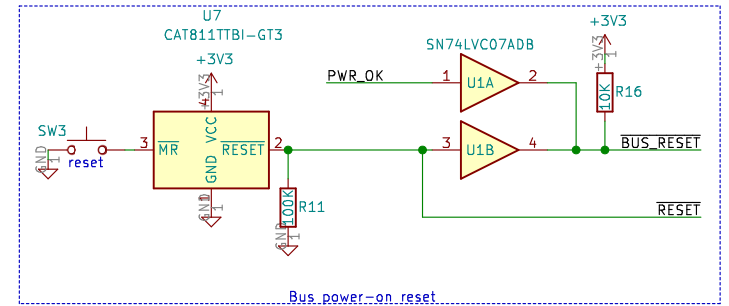
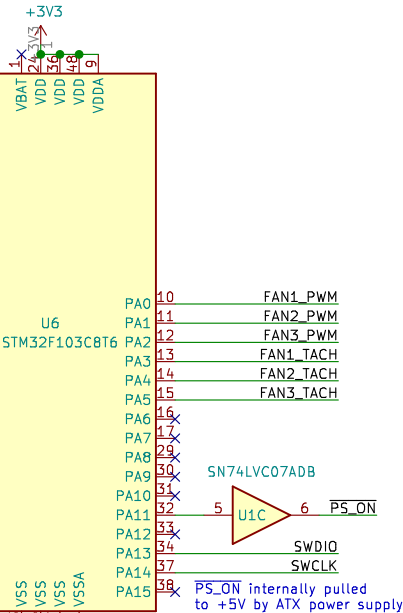
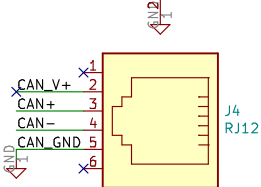
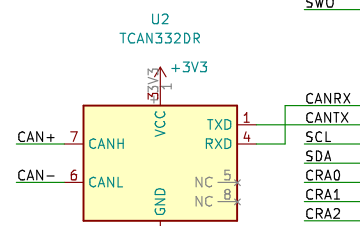
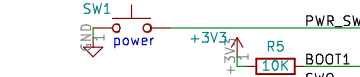
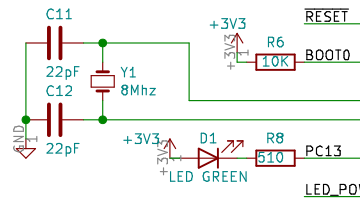
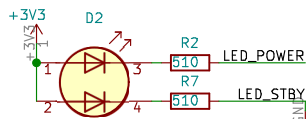
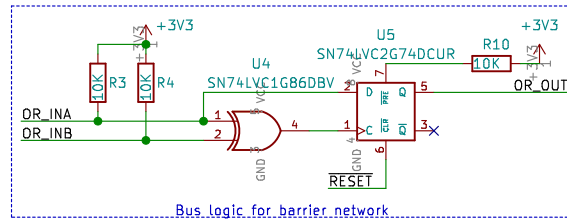
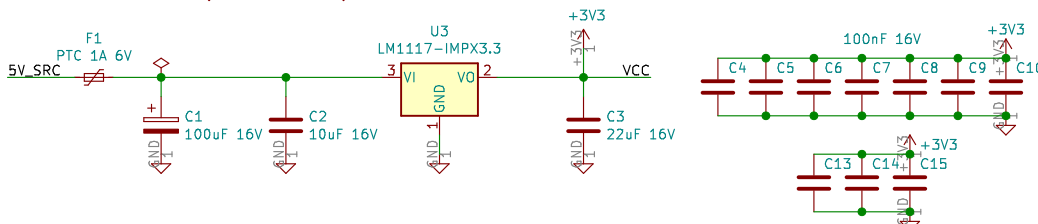
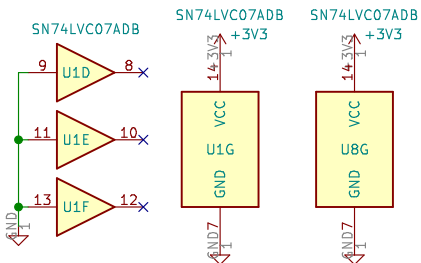
To backplane supervisor.
Use 26AWG ribbon cable for 2.2A max per conductor.



Notes:
Short 5V_SRC to 5V_SB or 5V to select power source.
Short PWR_OK to 3V3 pull if signal from backplane floats.
Short PS_ON to ground to force ATX power supply on.



Notes:
4-pin SWD interface used to program/debug STM32.
4-pin I2C used for off-board I2C sensors (TBD).
BOOT0=x BOOT1=0 boot from user flash
BOOT0=0 BOOT1=1 boot from system memory
BOOT0=1 BOOT1=1 boot from embedded SRAM
Set CRA to value from 0 to 15 (CRA + slot = node address).



Note: fan pulls up PWM internally to max of 5.25V

Crate 4-wire fan control

CERN-OHL-1.2

WorlickWerx

Sheet: /

File: supervisor.sch

Title: Mollibus Supervisor

Size: USLetter Date: 2020-11-27

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