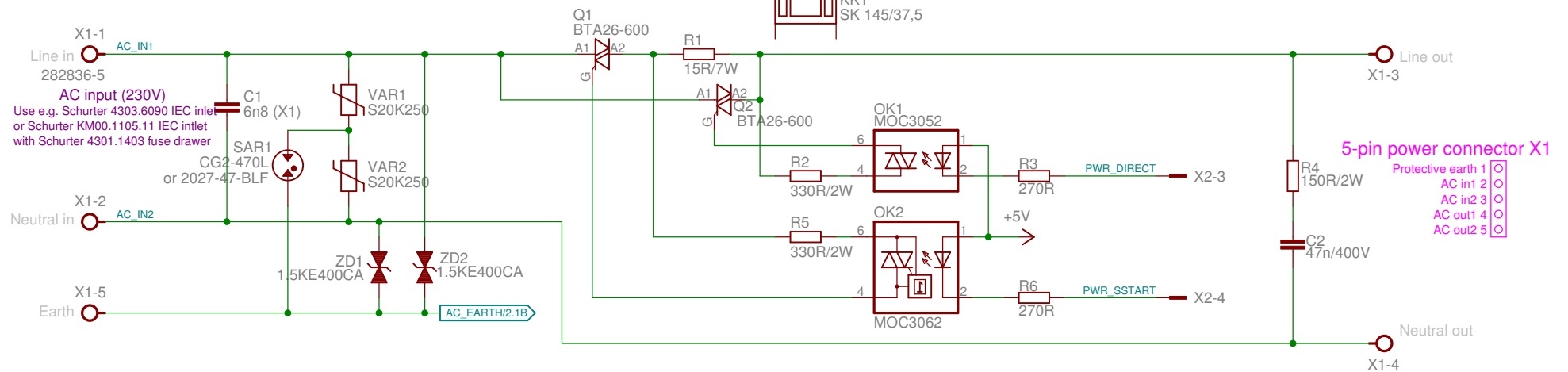
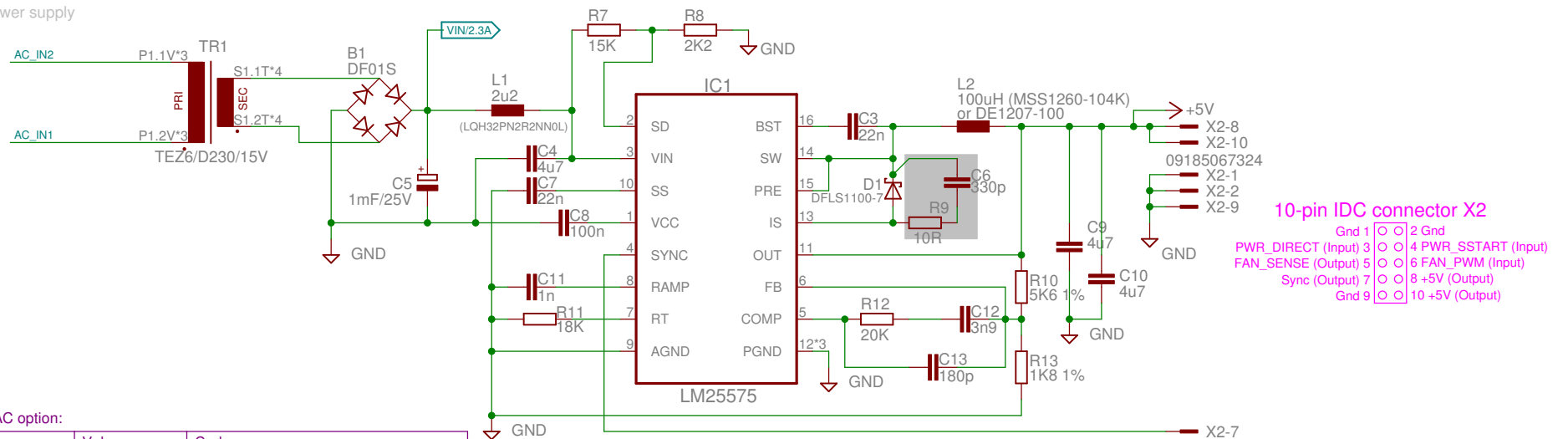


AC input protection and soft-start/stand-by



5V power supply



115VAC option:

Name	Value	Code
SAR1	2027-23-BLF	Farnell: 1780455, TME: CG2-230L
TR1	VPP28-180	Digikey: 237-1086-ND Mouser: 553-VPP28-180 Newark: 37B9209
VAR1, VAR2	S20K140	Farnell: 1004387, TME: SIOV-S20K140
ZD1, ZD2	1.5KE200CA	Farnell: 1837117, TME: 1.5KE200CA

AC input protection, in-rush current limiter
+5V/1A power supply

TITLE: EEZ AUX PS r5B8

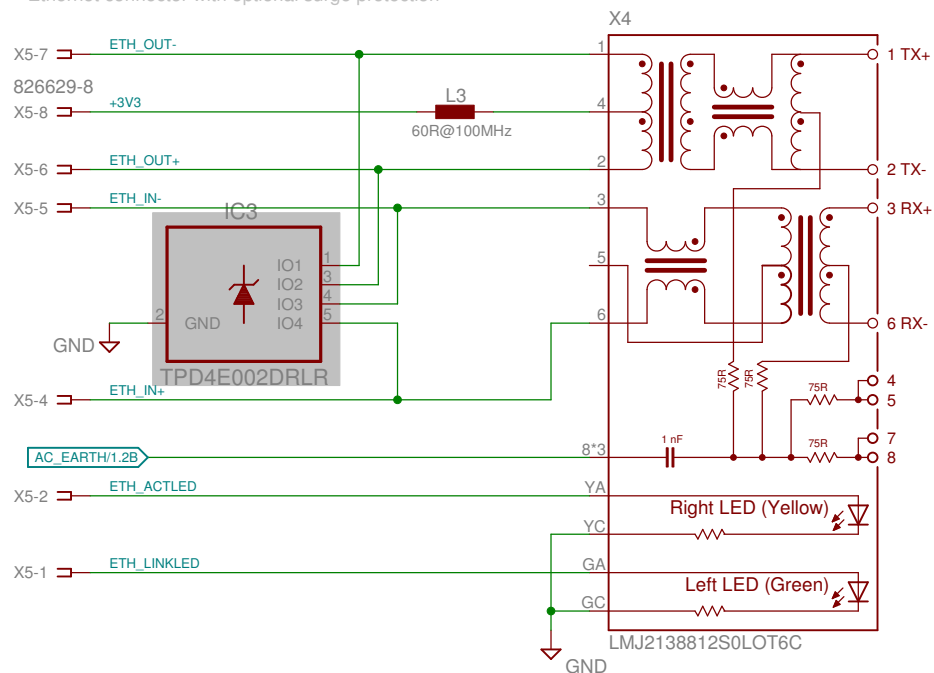
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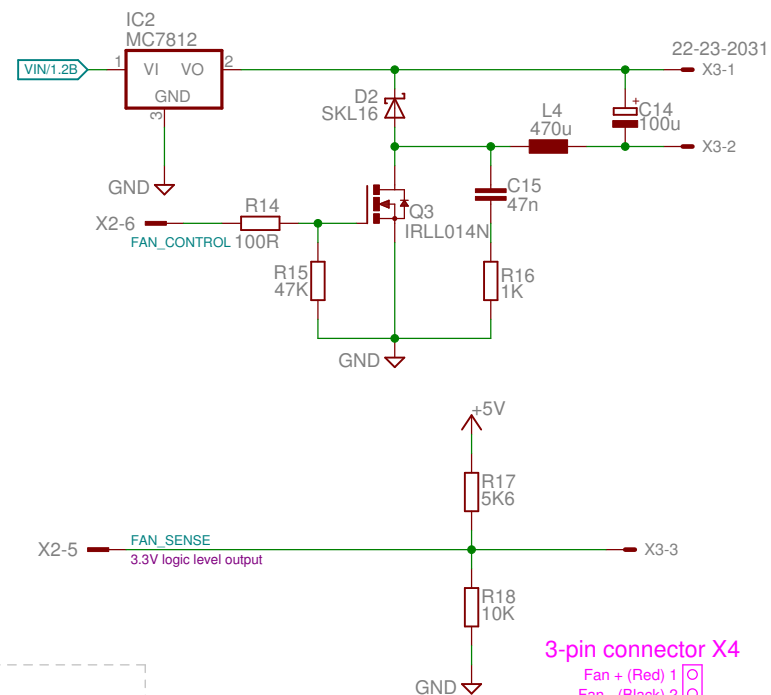
Ethernet connector with optional surge protection



8-pin connector X5

- LED Link (Input) 1
- LED Act (Input) 2
- Shield 3
- RX+ (Output) 4
- RX- (Output) 5
- TX+ (Input) 6
- TX- (Input) 7
- +3.3V (Input) 8

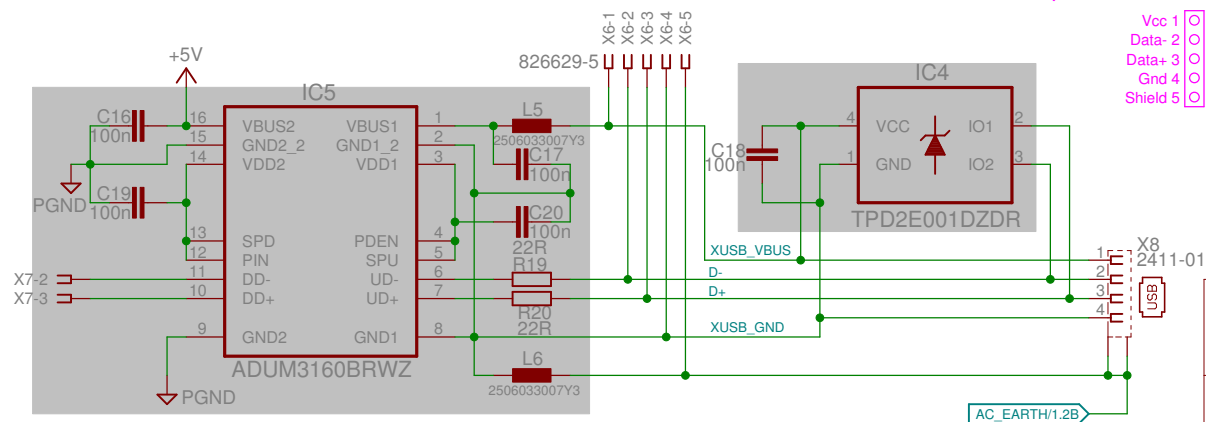
12VDC fan control



3-pin connector X4

- Fan + (Red) 1
- Fan - (Black) 2
- Fan sense (Yellow) 3

USB connector with optional isolator and surge protection



5-pin connector X6, X7

- Vcc 1
- Data- 2
- Data+ 3
- Gnd 4
- Shield 5

Note 2.1: Mount X4 and X8 on the opposite (top) side of the PCB. Use 14 mm (e.g. Bossard B3X14/BN3320) for enclosure with 3 mm rear panel

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 More info at <http://www.envox.hr/eez>
 Repository: <https://github.com/eez-open>

Ethernet and USB PCB connectors
 12VDC fan driver (max. 300 mA)

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