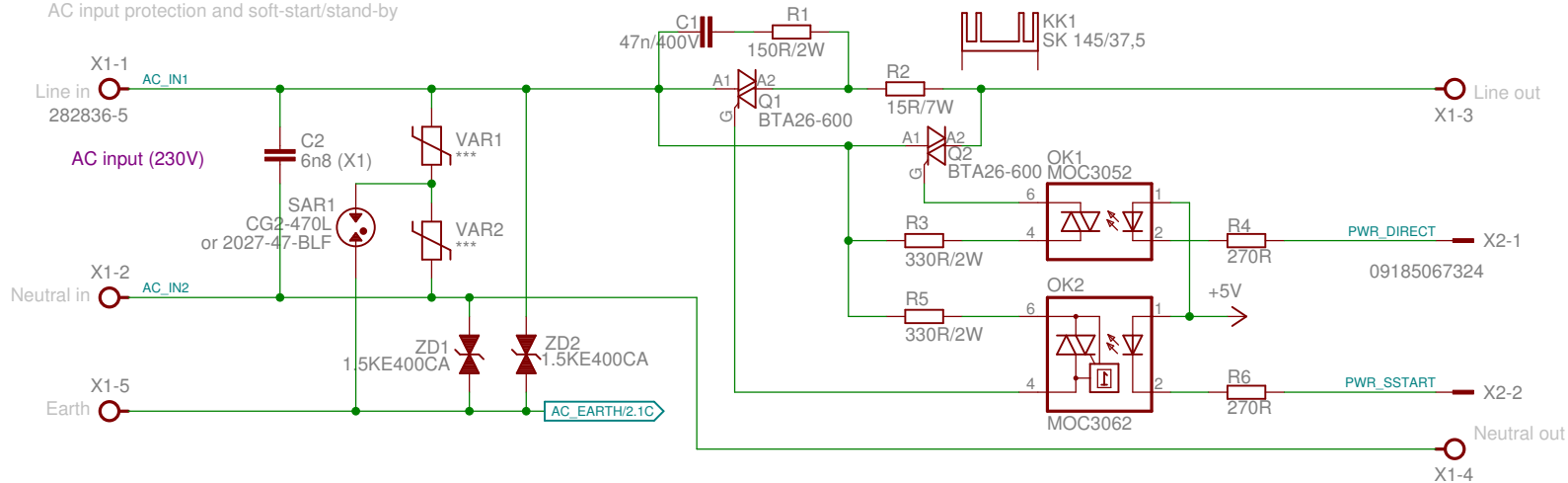


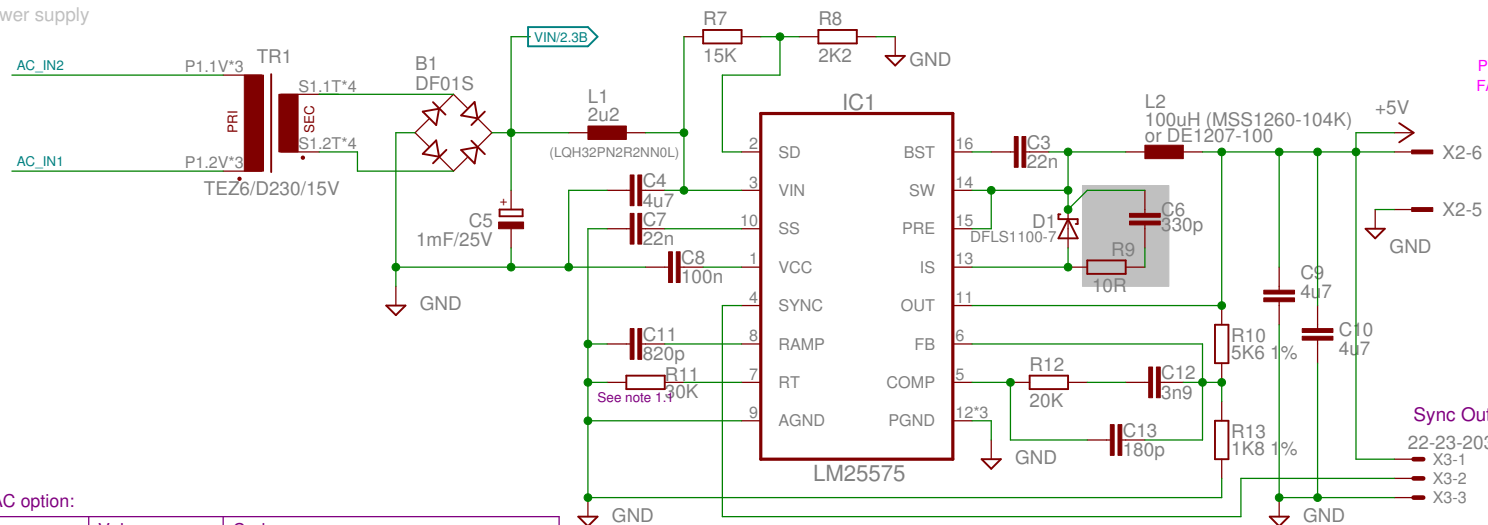
AC input protection and soft-start/stand-by



5-pin power connector X1

Protective earth 1	○
AC in1 2	○
AC in2 3	○
AC out1 4	○
AC out2 5	○

5V power supply



6-pin IDC connector X2

PWR_DIRECT (Input) 1	○	2 PWR_SSTART (Input)	○
FAN_SENSE (Output) 3	○	4 FAN_PWM (Input)	○
Gnd 5	○	6 +5V (Output)	○

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	***	***
ZD1, ZD2	1.5KE200CA	Farnell: 1837117, TME: 1.5KE200CA

Note 1.1: replace with 33K or 36K (to decrease frequency) if sync with power board is required

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

TITLE: EEZ AUX PS r5B6a

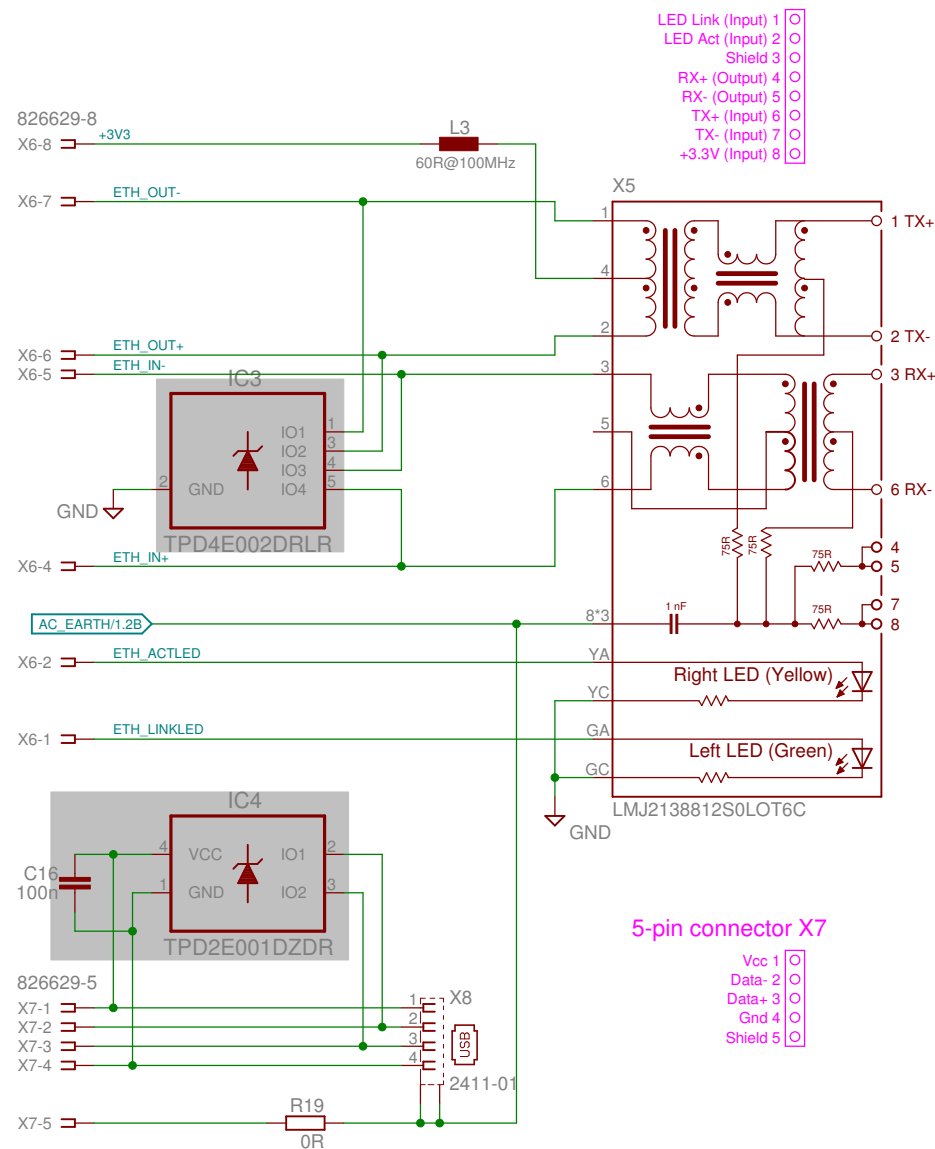
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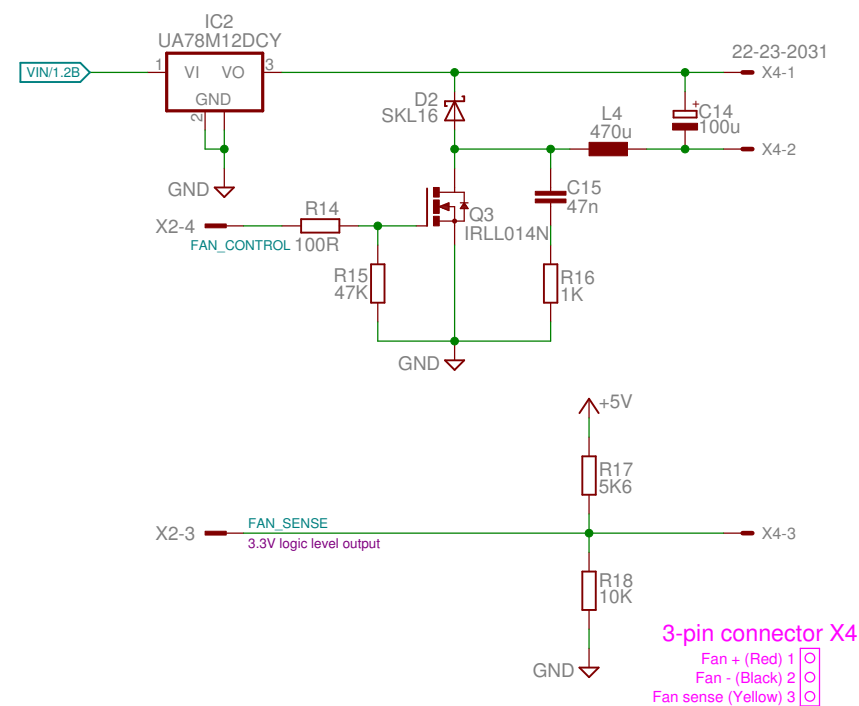
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Ethernet and USB connectors with optional surge protection



Note 2.1: Mount X5 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

12VDC fan control



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

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Date: 05. 04. 2016. 18:06

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