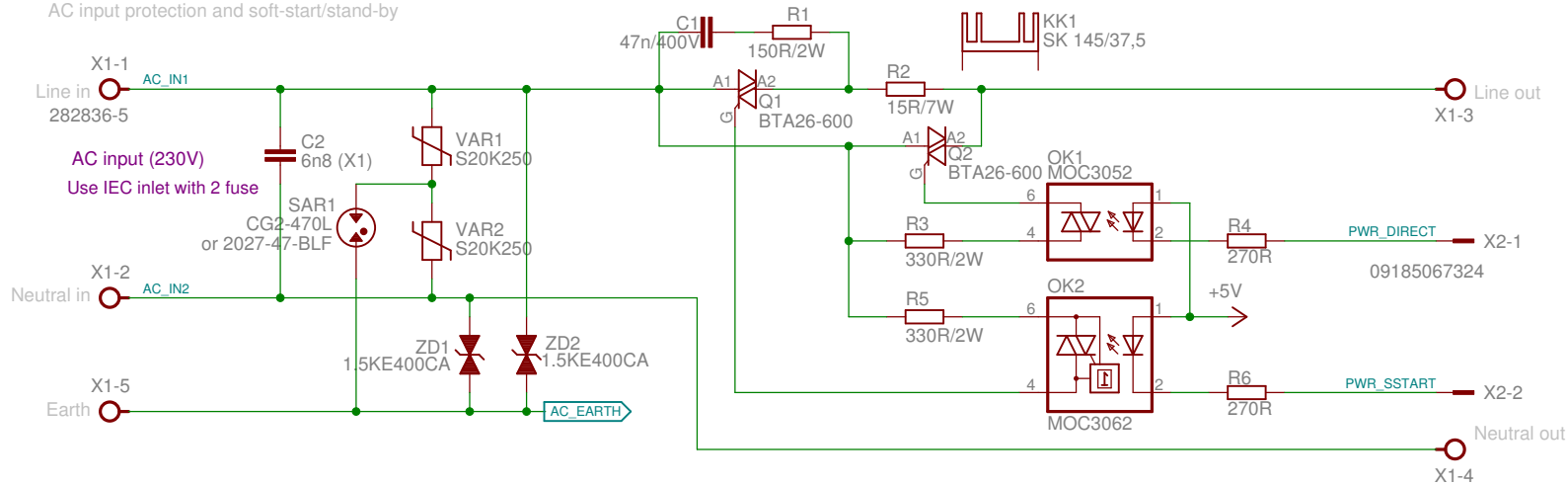


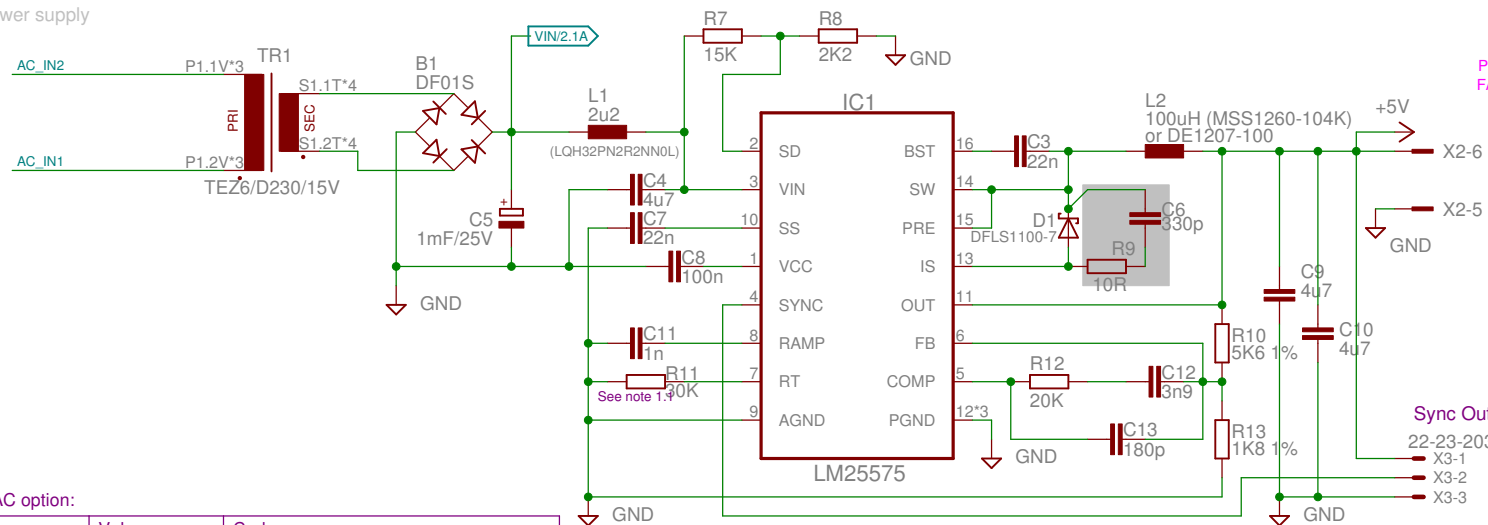
# AC input protection and soft-start/stand-by



## 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)

## 3-pin connector X3

Slave +5V	1	
Sync Out	2	
Slave Gnd	3	

## 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	SK20K140	Farnell: 1004387, TME: SIOV-S20K140
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

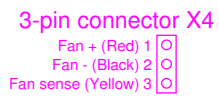
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Date: 01. 05. 2016. 22:42

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12VDC fan driver (max. 300 mA)	
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