

## SSTC\_PFC\_Power\_Supply

Reference	Quantity	Value	Footprint	MFG_PN
C1 C2 C6	3	0.1uF	Capacitor_THT:C_Rect_L18.0mm_W6.0mm_P15.00mm_FKS3_FKP3	PHE840MB6100MB05R17
C10	1	0.47uF	Capacitor_THT:C_Rect_L18.0mm_W9.0mm_P15.00mm_FKS3_FKP3	B32922C3474K189
C11 C12 C13 C14 C15 C16	6	100uF	Capacitor_THT:CP_Radial_D18.0mm_P7.50mm	450BXW100MEFR18X30
C18 C19	2	0.1uF	Capacitor_SMD:C_0603_1608Metric	
C3 C4	2	4700pF	Capacitor_THT:C_Rect_L13.0mm_W4.0mm_P10.00mm_FKS3_FKP3_MKS4	R75PF1470AA01J
C5	1	1000pF	Capacitor_SMD:C_0805_2012Metric	
C7	1	10uF	Capacitor_SMD:C_1206_3216Metric	
C8 C9 C17	3	1uF	Capacitor_SMD:C_0805_2012Metric	
D1	1	GBU8G	Diode_THT:Diode_Bridge_Vishay_GBU	
D2	1	15V	Diode_SMD:D_SOD-123	
D3	1	S8MC-13	Diode_SMD:D_SMC	S8MC-13
D4	1	C6D10065E	Repowered_TO-SOT-SMD:TO-252-2_TabPin1_HV	C6D10065E
F1	1	31.8201	Fuse:Fuseholder_Cylinder-5x20mm_Schurter_0031_8201_Horizontal_Open	31.8201
FL1	1	744824101	Repowered_Transformers_CMC:Weurth_WE-CMB	744824101
H1 H2 H3 H4 H5 H6	6	#6	MountingHole:MountingHole_3.7mm_Pad	
HS1	1	RA-T2X-51E	Repowered_Heat_Sinks:Ohmite_RA-T2X-51E	RA-T2X-51E
J1 J2	2	1766246	Connector_Phoenix_GMSTB:PhoenixContact_GMSTBA_2,5_3-G-7,62_1x03_P7.62mm_Horizontal	1766246
L1 L2	2	33uH	Inductor_SMD:L_Wuerth_HCI-2212	74435583300
L3	1	100uH	Repowered_Inductors_THT:L_Bourns_1140-101K-RC	1140-101K-RC
PS1	1	IRM-02-15	Converter_ACDC:Converter_ACDC_MeanWell_IRM-02-xx_THT	
Q1	1	G3R75MT12D	Package_TO_SOT_THT:TO-247-3_Vertical	G3R75MT12D
R1 R2 R3 R5	4	0.2	Repowered_Resistors_SMD:R_2512_6332Metric_High_Power	TLRP3A30CR200FTE
R12	1	6.04k	Resistor_SMD:R_0805_2012Metric	
R13 R14	2	100k	Resistor_SMD:R_2512_6332Metric	
R15	1	22	Resistor_SMD:R_0805_2012Metric	
R4	1	122k	Resistor_SMD:R_0805_2012Metric	
R6 R16 R17	3	4.7k	Resistor_SMD:R_0805_2012Metric	
R7	1	220	Resistor_SMD:R_0805_2012Metric	
R8	1	2.2	Resistor_SMD:R_0805_2012Metric	
R9 R10 R11	3	330k	Resistor_SMD:R_1206_3216Metric	
RV1 RV2 RV3 RV4	4	390V	Varistor:RV_Disc_D15.5mm_W4.9mm_P7.5mm	MOV-14D391K
U1	1	ICE2PCS01	Package_SO:SOIC-8_3.9x4.9mm_P1.27mm	
U2	1	1ED44175N01B	Package_TO_SOT_SMD:SOT-23-6	1ED44175N01BXTSA1