

BP\_15v\_40v\_200v

Reference	Quantity	Value	Footprint
C1 C15 C29 C30	4	THT 10uF 400v	Capacitor_THT:CP_Radial_D10.0mm_P5.00mm
C11 C13 C25 C27	4	SMD 100nF 50v	Capacitor_SMD:C_0805_2012Metric
C12 C14 C26 C28	4	THT 10uF 50V	Capacitor_THT:CP_Radial_D5.0mm_P2.50mm
C2 C16 C31 C32	4	THT 2.2nF 1kV	Capacitor_THT:C_Disc_D10.5mm_W5.0mm_P7.50mm
C19 C20	2	THT ECC-D3A220JGE 22pF 1kV	Capacitor_THT:C_Disc_D8.0mm_W2.5mm_P5.00mm
C21 C22	2	THT 100v 220uF	Capacitor_THT:CP_Radial_D12.5mm_P5.00mm
C23 C24	2	THT 100uF 100V	Capacitor_THT:CP_Radial_D10.0mm_P5.00mm
C3 C17 C33 C34	4	SMD 0805 10uF 25V	Capacitor_SMD:C_0805_2012Metric
C37 C38	2	THT ECC-D3A150JGE 15pF 1kV	Capacitor_THT:C_Disc_D8.0mm_W2.5mm_P5.00mm
C39 C40	2	THT 250v 47uF	Capacitor_THT:CP_Radial_D12.5mm_P5.00mm
C4 C18 C35 C36	4	THT CD12-E2GA222MYNS 2.2nF 250V	Capacitor_THT:C_Disc_D10.5mm_W5.0mm_P7.50mm
C41 C42	2	THT 250V 10uF	Capacitor_THT:CP_Radial_D10.0mm_P5.00mm
C5 C6	2	THT B37979N1820J054 82pF 100v	Capacitor_THT:C_Disc_D8.0mm_W2.5mm_P5.00mm
C7 C8	2	THT 25v 2200uF	Capacitor_THT:CP_Radial_D12.5mm_P5.00mm
C9 C10	2	THT 220uF 25V	Capacitor_THT:CP_Radial_D8.0mm_P3.80mm
D1 D3 D4 D6 D8 D9 D12 D13 D16 D17	10	THT UF4007	Diode_THT:D_DO-35_SOD27_P7.62mm_Horizontal
D10	1	THT 1N4747A (Zener 20V)	Diode_THT:D_DO-35_SOD27_P10.16mm_Horizontal
D11	1	DB107	Diode_THT:Diode_Bridge_DIP-4_W7.62mm_P5.08mm
D18 D19	2	THT 1N4764A (Zener 100V)	Diode_THT:D_DO-35_SOD27_P10.16mm_Horizontal
D2 D7 D14 D15	4	THT P6KE180A200B	Diode_THT:D_DO-35_SOD27_P10.16mm_Horizontal
D5	1	THT 1N4737A (Zener 7.5V)	Diode_THT:D_DO-35_SOD27_P10.16mm_Horizontal
F1	1	THT 1A 5x20mm	Fuse:Fuseholder_Cylinder-5x20mm_Schurter_0031_8201_Horizontal_Open
J1	1	Conn_01x06_KF2510	Connector_KF2510:KF2510_6pin
J2	1	Conn_01x07_KF2510	Connector_KF2510:KF2510_7pin
J3	1	Conn_01x08_KF2510	Connector_KF2510:KF2510_8pin
J4	1	Terminal block 301-021-12	TerminalBlock_Phoenix:TerminalBlock_Phoenix_PT-1,5-2-5.0-H_1x02_P5.00mm_Horizontal
L1 L2 L3 L4 L5 L6	6	THT RL822-3R3K-RC 3,3uH 2,6A	Inductor_THT:L_Radial_D8.7mm_P5.00mm_Fastron_07HCP
R13 R14	2	THT 0.25W 470 Ohm 5%	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
R15	1	THT 0.25W 9.1kOhm 1%	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
R1 R2 R9 R10 R17 R18 R19 R20	8	THT 0.25W 4.7MOhm 5%	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
R21 R22	2	THT 2W 36kOhm 5%	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P7.62mm_Vertical
R25 R26	2	THT 0.5W 680 Ohm 5%	Resistor_THT:R_Axial_DIN0309_L9.0mm_D3.2mm_P12.70mm_Horizontal
R27 R28	2	THT 0.25W 47kOhm 1%	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
R3 R11 R29 R30	4	THT 1W 100kOhm 5%	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P5.08mm_Vertical
R4 R12 R23 R24	4	SMD 0805 1kOhm 1%	Resistor_SMD:R_0805_2012Metric
R5 R6 R8 R16	4	THT 0.25W 130 Ohm 5%	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
R7	1	THT 0.25W 3.9kOhm 1%	Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm_Horizontal
RV1 RV2 RV4	3	3329H-1-332LF (3.3kOhm)	Potentiometer_THT:Potentiometer_Bourns_3339H_Vertical
RV3	1	3329H-1-103LF (10kOhm)	Potentiometer_THT:Potentiometer_Bourns_3339H_Vertical
RV5 RV6	2	3329H-1-473LF (47kOhm)	Potentiometer_THT:Potentiometer_Bourns_3339H_Vertical
T1	1	EF25 E25/13/7 w1-5: 84; w7-8: 15; w8-9: 11	Transformer_THT:Transformer E25.13.7 (EF25)
T2	1	EF25 E25/13/7 w1-5: 84; w7-8: 34; w8-9: 29	Transformer_THT:Transformer E25.13.7 (EF25)
T3 T4	2	EF25 E25/13/7 w1-5: 84; w7-9: 128	Transformer_THT:Transformer E25.13.7 (EF25)
TH1	1	Thermistor JNR08S220L	Capacitor_THT:C_Disc_D8.0mm_W5.0mm_P5.00mm
U1 U4 U7 U8	4	TNY279P	Package_DIP:PowerIntegrations_PDIP-8C
U2 U5 U9 U10	4	LTV-817	Package_DIP:DIP-4_W7.62mm
U3 U6	2	LM337_TO220	Package_TO_SOT_THT:TO-220-3_Vertical