

Ref	Qty	Value	Cmp name	Footprint
C11, C12, C14	6	470uF, 200V	C	Capacitor_THT:CP_Radial_D25.0mm_P10.00mm_SnapIn
C21, C22, C24,				
C13, C23,	2	47uF, 200V	C	Capacitor_THT:CP_Radial_D10.0mm_P5.00mm
C101, C103, C201, C203,	4	10uF	C	Capacitor_THT:CP_Axial_L37.0mm_D20.0mm_P43.00mm_Horizontal
C102, C202,	2	50uF, 50V	C	Capacitor_THT:CP_Radial_D10.0mm_P5.00mm
C102byp1,	1	1uF, 50V	C	Capacitor_THT:C_Rect_L41.5mm_W9.0mm_P37.50mm_MKS4
C104, C204,	2	50uF, 50V	C	Capacitor_THT:CP_Radial_D8.0mm_P5.00mm
C202byp1,	1	1uF, 50V	C	Capacitor_THT:C_Rect_L41.5mm_W9.0mm_P37.50mm_MKS4
Cchassis1,	1	user	C	Capacitor_THT:CP_Radial_D8.0mm_P5.00mm
Cs1, Cs2,	2	150nF, 400V	C	Capacitor_THT:C_Rect_L7.2mm_W4.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2
Cx1, Cx2,	2	10nF, 400V	C	Capacitor_THT:C_Rect_L7.2mm_W4.5mm_P5.00mm_FKS2_FKP2_MKS2_MKP2
D11, D12, D13, D14,	8	1N4007	1N4007	Diode_THT:D_DO-41_SOD81_P10.16mm_Horizontal
D21, D22, D23, D24				
D15, D25,	2	LED	LED	LED_THT:LED_D3.0mm
Q11, Q21,	2	FQP19N20	Q_NMOS_GDS	Package_TO_SOT_THT:TO-220-3_Vertical
Q101, Q201,	2	STP30N10F7	Q_NMOS_GDS	Package_TO_SOT_THT:TO-220-3_Vertical
Q102, Q202,	2	FQP12P20	Q_PMOS_GDS	Package_TO_SOT_THT:TO-220-3_Vertical
Q103, Q203,	2	DN2535	Q_NMOS_GDS	Package_TO_SOT_THT:TO-220-3_Vertical
R11, R21,	2	100	R_US	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal
R12, R22,	2	6k8	R_US	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal
R13, R102, R103, R110	8	220	R_US	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal
R23, R202, R203, R210				
R15, R105, R109,	6	47k	R_US	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal
R25, R205, R209,				
R106, R206,	2	1Meg	R_US	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal
R107, R207,	2	1R	R_US	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal
Rg1,	1	1k	R_US	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal
Rg2,	1	10k	R_US	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal
Rlim1, Rlim2,	2	10R	R_US	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal
Rs1, Rs2,	2	user	R_US	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal
Rsch1,	1	10k	R_US	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal
Rsch2,	1	100k	R_US	Resistor_THT:R_Axial_DIN0414_L11.9mm_D4.5mm_P15.24mm_Horizontal
RV101, RV201,	2	500R	R_Pot_Trim	_Bourns_3296W_Vertical
RV102, RV103, RV203,	3	10k	R_Pot_Trim	_Bourns_3296W_Vertical
RV202,	1	100k	R_Pot_Trim	_Bourns_3296W_Vertical
TH_chassis1,	1	Thermistor_NTC	Thermistor_NTC	Varistor:RV_Disc_D7mm_W3.4mm_P5mm
Z11,	1	15V, 0.25 W	D_Zener_Filled	Diode_THT:D_DO-15_P12.70mm_Horizontal
Z12, Z22,	2	75V, 1W min	D_Zener_Filled	Diode_THT:D_DO-15_P12.70mm_Horizontal
Z13, Z14,	2	15V, 0.5W	D_Zener_Filled	Diode_THT:D_DO-15_P12.70mm_Horizontal
Z21,	1	15V, 0.25W	D_Zener_Filled	Diode_THT:D_DO-15_P12.70mm_Horizontal
Z23, Z24,	2	24V, 0.5W	D_Zener_Filled	Diode_THT:D_DO-15_P12.70mm_Horizontal