

Sheet1

Reference(s)	Value	LibPart
C1	100pF	Device:C
C2	220pF	Device:C
D1	1N914	Device:D
D2	1N914	Device:D
D3	red	Device:LED
D4	Z5V1	Device:D_Zener
D5	1N914	Device:D
D6	1N914	Device:D
D7	1N914	Device:D
D8	1N914	Device:D
D9	1N914	Device:D
J1	Input-	Connector:Conn_01x01_Male
J2	Input+	Connector:Conn_01x01_Male
J3	V+	Connector:Conn_01x01_Male
J4	Output	Connector:Conn_01x01_Male
J5	V-	Connector:Conn_01x01_Male
J6	GND	Connector:Conn_01x01_Male
L1	22μH	Device:L
Q1	BC560C	Device:Q_PNP_CBE
Q2	KSA992	Device:Q_PNP_ECB
Q3	KSA992	Device:Q_PNP_ECB
Q4	BC550C	Device:Q_NPN_CBE
Q5	BC550C	Device:Q_NPN_CBE
Q6	BC550C	Device:Q_NPN_CBE
Q7	BC556C	Device:Q_PNP_CBE
Q8	BC546C	Device:Q_NPN_CBE
Q9	BD139	Device:Q_NPN_ECBC
Q10	BD140	Device:Q_PNP_ECBC
R1	2k2	Device:R
R2	100R	Device:R
R3	100R	Device:R
R4	2k2	Device:R
R5	2k2	Device:R
R6	22k	Device:R
R7	39R	Device:R
R8	2k2	Device:R
R9	220R	Device:R
R10	22R	Device:R
R11	100R	Device:R
R12	5R6	Device:R
R13	5R6	Device:R

Sheet1

Footprint

Capacitor_THT:C_Disc_D5.0mm_W2.5mm_P2.50mm
Capacitor_THT:C_Disc_D5.0mm_W2.5mm_P2.50mm
Diode_THT:D_DO-35_SOD27_P2.54mm_Vertical_KathodeUp
Diode_THT:D_DO-35_SOD27_P2.54mm_Vertical_KathodeUp
LED_THT:LED_D3.0mm
Diode_THT:D_DO-35_SOD27_P2.54mm_Vertical_AnodeUp
Diode_THT:D_DO-35_SOD27_P10.16mm_Horizontal
Diode_THT:D_DO-35_SOD27_P10.16mm_Horizontal
Diode_THT:D_DO-35_SOD27_P2.54mm_Vertical_KathodeUp
Diode_THT:D_DO-35_SOD27_P2.54mm_Vertical_KathodeUp
Diode_THT:D_DO-35_SOD27_P2.54mm_Vertical_KathodeUp
Connector_Pin:Pin_D1.1mm_L8.5mm_W2.5mm_FlatFork
Connector_Pin:Pin_D1.1mm_L8.5mm_W2.5mm_FlatFork
Connector_Pin:Pin_D1.1mm_L8.5mm_W2.5mm_FlatFork
Connector_Pin:Pin_D1.1mm_L8.5mm_W2.5mm_FlatFork
Connector_Pin:Pin_D1.1mm_L8.5mm_W2.5mm_FlatFork
Connector_Pin:Pin_D1.1mm_L8.5mm_W2.5mm_FlatFork
Inductor_THT:L_Axial_L6.6mm_D2.7mm_P2.54mm_Vertical_Vishay_IM-2
TAC:TO-92
TAC:TO-92
TAC:TO-92
TAC:TO-92
TAC:TO-92
TAC:TO-92
TAC:TO-92
TAC:TO-92
TAC:to225_std
TAC:to225_std
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical