

Reference	Qty	Value	Footprint
C1	1	100n	Capacitors_THT:C_Disc_D5.0mm_W2.5mm_P5.00mm
C2	1	22uF	Capacitors_THT:CP_Radial_D8.0mm_P3.50mm
D1 D2 D3 D4 D5 D6	6	1N5402	Diodes_THT:D_DO-201AD_P15.24mm_Horizontal
J1 J2	2	JST XH	Connectors_JST:JST_XH_B02B-XH-A_02x2.50mm_Straight
J3 J4 J5 J6	4	KF301-2	Connectors_Terminal_Blocks:TerminalBlock_Pheonix_MKDS1.5-2pol
Q1 Q2	2	TIP41C	TO_SOT_Packages_THT:TO-220_Vertical
Q3 Q4	2	TIP42C	TO_SOT_Packages_THT:TO-220_Vertical
R1	1	15k	Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm
R2	1	47k	Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm
R3 R4	2	470k	Resistors_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P10.16mm
RV1	1	100k	Potentiometers:Potentiometer_Trimmer_Bourns_3266W
RV2	1	10k	Potentiometers:Potentiometer_Trimmer_Bourns_3266W
U1	1	LM324	Housings_DIP:DIP-14_W7.62mm