

## psg14a\_power

Ref	Qty	Value	Art
C1, C3, C5, C7, C9,	20	10nF	2253
C2, C4, C6, C8, C10,	20	1uF 50V	15347
D1, D4, D7, D10, D13,	20	BZX85_C12	31111
D3, D6, D9, D12, D15,	20	UF4007	17804
D16, D2, D5, D8, D11, D14,	20	green	4773
H1, H2, H3,	3	Mech	
J1,	1	Power	
J2,	1	In	
J3,	1	Out	
Q1, Q2, Q3, Q4, Q5,	5	IRF9Z24N	
R2, R1, R5, R4, R8, R7, R11, R10, R14, R13,	100	10K	150145
R3, R6, R9, R12, R15,	100	5k1	3729
R16,	1	5K1	

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Cmp name	Footprint
C_Small	Capacitors_SMD:C_0805_HandSoldering
C_Small	Capacitors_SMD:C_0805_HandSoldering
D_Zener_Small	Diodes_THT:D_DO-41_SOD81_P5.08mm_Vertical_AnodeUp
D_Small	Diodes_THT:D_DO-41_SOD81_P5.08mm_Vertical_AnodeUp
LED_Small	LEDs:LED_0805_HandSoldering
MountingHole	Mounting_Holes:MountingHole_3.2mm_M3
Screw_Terminal_01x02	TerminalBlocks_Phoenix:TerminalBlock_Phoenix_PT-3.5mm_2pol
Conn_01x06	TerminalBlocks_Phoenix:TerminalBlock_Phoenix_MPT-2.54mm_6pol
Conn_01x06	TerminalBlocks_Phoenix:TerminalBlock_Phoenix_MPT-2.54mm_6pol
IRF9540N	TO_SOT_Packages_THT:TO-220-3_Vertical
R_Small	Resistors_SMD:R_0805_HandSoldering
R_Small	Resistors_SMD:R_0805_HandSoldering
R_Small	Resistors_SMD:R_0805_HandSoldering

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### Description

Unpolarized capacitor, small symbol

Unpolarized capacitor, small symbol

Zener diode, small symbol

Diode, small symbol

Light emitting diode, small symbol

Mounting Hole without connection

Generic screw terminal, single row, 01x02, script generated (kicad-library-utils/schlib/autogen/connector/)

Generic connector, single row, 01x06, script generated (kicad-library-utils/schlib/autogen/connector/)

Generic connector, single row, 01x06, script generated (kicad-library-utils/schlib/autogen/connector/)

-23A Id, -100V Vds, HEXFET P-Channel MOSFET, TO-220

Resistor, small symbol

Resistor, small symbol

Resistor, small symbol

Vendor