







Comment	Description	Designator	Footprint	LibRef	Quantity
0.01x630V	Capacitor	C1	C100N	Cap	1
0.1	Capacitor	C2, C3, C4	C0805	Cap	3
4700x25V	Polarized Capacitor (Radial)	C5	CPOL75L	Cap Pol	1
100x25V	Polarized Capacitor (Radial)	C6, C7	CPOL25	Cap Pol	2
0.1.	Capacitor	C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27	C0402	Cap	20
4700pF	Capacitor	C28	C0805	Cap	1
0.01.	Capacitor	C29, C30	C0402	Cap	2
3.3pF	Capacitor	C31	C0805	Cap	1
10x10V	Polarized Capacitor (Radial)	C32, C33	TA1206	Cap Pol	2
0.015	Capacitor	C34	C0805	Cap	1
1.0	Capacitor	C35, C36, C37, C38, C39, C40, C41, C42	C0805	Cap	8
Bridge DI158S		D1	SDIP	Bridge DI158S	1
BAV99		D2	SOT23-BAV99	BAV99	1
BAS216	Default Diode	D3, D4	D0805	Diode	2
1A	Fuse	F1	FUSE	Fuse	1
MINIFIT4		J1	MINIFIT4	HEAD4	1
MAINS3P		J2	MAINS3P	HEAD3	1
HEAD2		J3, J4	2SIP100	HEAD2	2
BNC-RJ-SD		JP1, JP2, JP3, JP4, JP5	BNC_RJ	BNC	5
33uH		L1	L050	INDUCTOR	1
18nH		L2	L0805	INDUCTOR	1
150nH		L3, L4, L5, L6, L7, L8	L0805	INDUCTOR	6
8.2nH		L9, L10, L11, L12	L0805	INDUCTOR	4
IRF5810	P-Channel MOSFET	Q1	TSOP6	IRF5810	1
510	Resistor	R1	R0805	Res	1
75	Resistor	R2, R4, R5, R6, R7, R8, R9	R0805	Res	7
1.8K	Resistor	R3, R10	R0805	Res	2
150.	Resistor	R11, R12	R0402	Res	2
1K	Resistor	R13	R0805	Res	1
113	Resistor	R14	R0805	Res	1
365	Resistor	R15	R0805	Res	1
0*	Resistor	R16	R0402	Res	1
75.	Resistor	R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28	R0402	Res	12
56	Resistor	R29, R30, R31, R32	R0805	Res	4
10K	Resistor	R33, R34	R0805	Res	2
RK1-12V		RE1	RELAY RK	RELAY RK1	1
RK1R-12V		RE2	RELAY RK	RELAY RK1R	1
TR 2x9/777mA		TR1	TR14VA	TR 2x9/777mA	1
PT5101A		U1	PT5101A-LOW	PT5101A	1
GS9024		U2	SO-14	GS9024	1
GS9035A		U3	PLCC-28	GS9035A	1
GS9028		U4, U5, U6, U7	SO-8	GS9028	4