

Item	Description	Mouser	DigiKey	Other/ PN
C1	Polypropylene Film Capacitors 1600V .15uF	5984-940C16P15K-F		
C4	10uF Leaded 10uF 100V 105c	647-UVY2A100MDD		
C5	1.5uF Polypropylene Film Capacitors 1.5uF 450volts 10%	870-B32674D4155K		
C11, C6, C3	1uF Polyester Film Capacitors 1.0uF 63volts 5%	80-R82DC4100DQ60J		
D1	1N4744 Zener Diodes 15 Volt 1.0 Watt	78-1N4744A		
D2	1N4744 Zener Diodes 15 Volt 1.0 Watt	78-1N4744A		
D3	MUR4100 Rectifiers 1000V 4A UltraFast	863-MUR4100EG		
D4	Rectifiers 1400 Volt 0.5A 300ns 20 Amp IFSM	625-RGP02-14E-E3		
D5	Rectifiers 1400 Volt 0.5A 300ns 20 Amp IFSM	625-RGP02-14E-E3		
D6	1N4937 Rectifiers 1.0a Rectifier Fast Recovery	512-1N4937		
D7	1N4937 Rectifiers 1.0a Rectifier Fast Recovery	513-1N4937		
D8	1N4937 Rectifiers 1.0a Rectifier Fast Recovery	514-1N4937		
D9	1N4937 Rectifiers 1.0a Rectifier Fast Recovery	515-1N4937		
J1	A30511-ND			All Elec
J3	A30511-ND			All Elec
L1	200uH Toroid Inductor			Fluxeon
Q1	25N120 IGBT Transistors Copak Discrete	512-FGA25N120ANTDTU	FGA25N120FTD-ND	
Q2	25N120 IGBT Transistors Copak Discrete	512-FGA25N120ANTDTU	FGA25N120FTD-ND	
R1	1kohm Metal Film Resistors 1K 1% 100PPM	660-MF1/4DC1001F		
R2	1kohm Metal Film Resistors 1K 1% 100PPM	661-MF1/4DC1001F		
R4	10k Metal Film Resistors 10K 1% 100PPM	660-MF1/2CCT52R1002F		
R5	10k Metal Film Resistors 10K 1% 100PPM	660-MF1/2CCT52R1002F		
*R8	20 ohm 3w Power resistors	660-MOS3CT631R200J		
*R9	20 ohm 3w Power resistors	660-MOS3CT631R200J		
*U1	MC14093 Gates 3-18V Quad 2-Input NAND	863-MC14093BCPG		
*U2	MC33151 MOSFET & Power Driver ICs 1.5A High Speed Dual	863-MC33151PG		Fluxeon
SW1	SSR, 15A, 15vdc control, zero-cross			
SW2	Relay, 15A DTST, 12VDC coil			