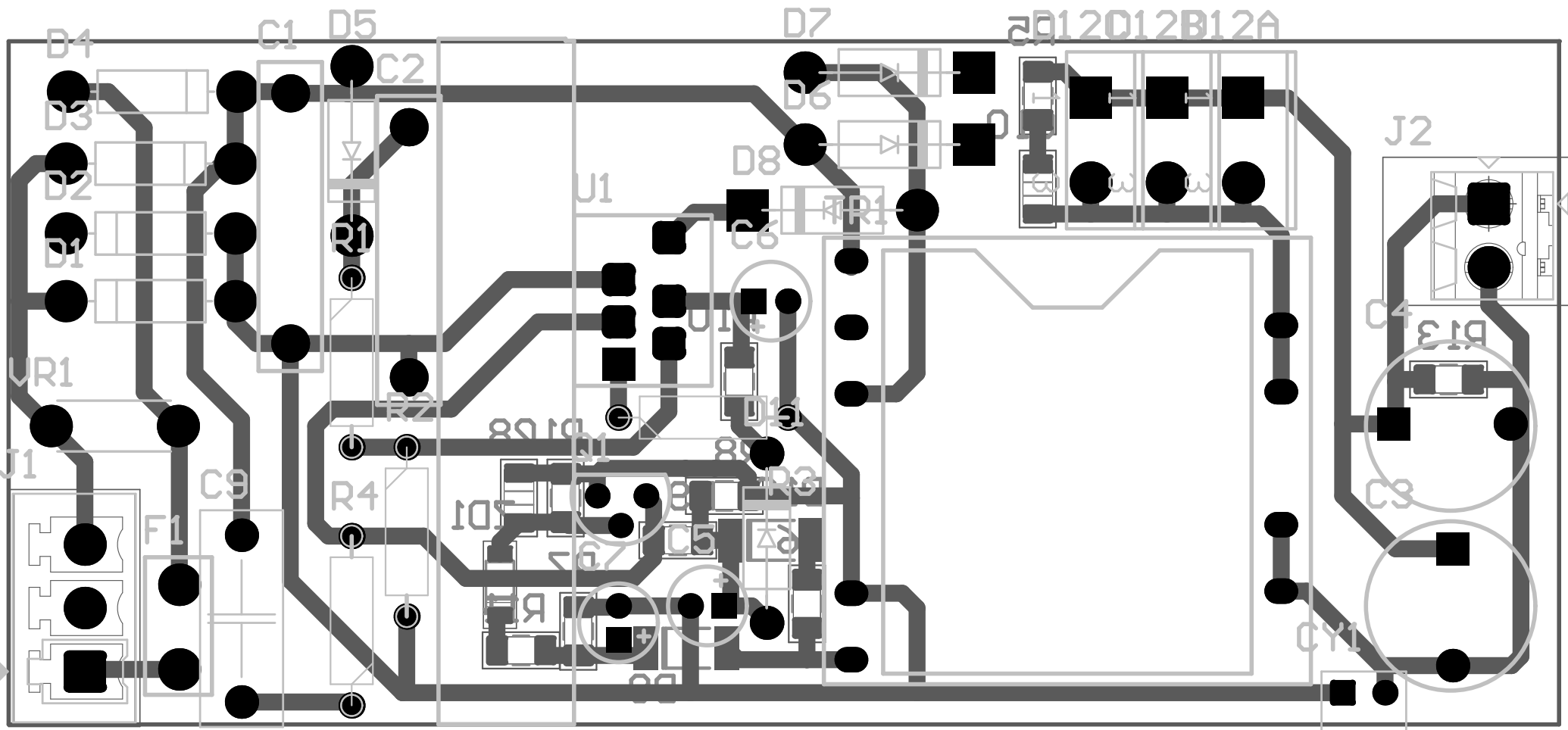


Title		
Size	Number	Revision
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Date:	15-Dec-15	Sheet of
File:	C:\Users\...\LNK420.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
0.22UF/400V		C1	220nF_15mm	Ceramic capacitor	1
0.22UF/400V		C2	220nF_15mm	Ceramic capacitor	1
470UF/63V		C3, C4	7mm	Electrolytic capacitor	2
10UF/63V		C5	PCBComponent_1	Component_1	1
4.7UF/63V		C6	PCBComponent_1	Component_1	1
1UF/50V		C7	PCBComponent_1	Component_1	1
approved sub OK	Capacitor SMD Cer 10uF 10% 16V X7R 1206	C8, C10	CAPC3216N	CAPC_10u_1206_16V	2
5.5NF/600V	Capacitor THT metallized polypropylene 6.8nF 5% 1kV 10.0mm pitch	C9	CAPMF13.0x5.0x11.0x10.0mm LxWxHxP	CAPMKP_6n8_1kV_P10.0mm	1
1N4007	Diode 1N4007 1A 1000V THD	D1, D2, D3, D4	DO-41	DIODE_1N4007_1000V_1A_DO-41	4
1N4007	1N4001	D5	1N400X	1N4001	1
P6KE200A	1N4001	D6	1N400X	1N4001	1
SF28	1N4001	D7	1N400X	1N4001	1
SF25	1N4001	D8	1N400X	1N4001	1
BAV21	Silicon Zener Diode	D9, D10	DL-41	DL4730A	2
UF4007	1N4001	D11	1N400X	1N4001	1
MUR420	Schottky Rectifier	D12A, D12B, D12C	TO-220AC	Diode 18TQ045	3
33D9		F1	Fuse	Fuse	1
OHMITE-RA-T2X-38E	HEATSINK	HS?	OHMITE-RA-T2X-38E	OHMITE-RA-T2X-38E	1
INPUT	Terminal Block THT 3-Position header 3.81mm pitch	J1	3P_PCB_TERM_BLOCK_HEADER	3P_TERM BLOCK HEADER	1
Stackable ScrewTerm	Terminal Block Screw Type THT 2-Position 3.81mm pitch	J2	2P_PCB_ScrewTerm_90S_3.81MM	2P_ScrewTerm_90S_3.81MM	1
2N5551	NPN Transistor	Q1	BC547	BC547	1
3.3M 1/4W	GENERIC THROUGH HOLE 1/4 WATT RESISTOR	R1, R4	R	R-GENERIC	2
330K 1/4W	GENERIC THROUGH HOLE 1/4 WATT RESISTOR	R2	R	R-GENERIC	1
24.9K 1/4W	GENERIC THROUGH HOLE 1/4 WATT RESISTOR	R3	R	R-GENERIC	1
Thick Film	Resistor SMD chip 22 milliohm 0.5W 2% 1206	R5, R6, R7, R8, R9, R10, R12, R13	RESC3216N	RES_0R022_1206_0.5W_2%	9
Component_1		TR1	PCBComponent_1	Component_1	1
LNK420EG		U1	LNK420EG switch	LNK420EG	1
Varistor	Varistor 420V min	VR1	Varistor_7.62and10mm	Varistor_MOV	1
DIODE_ZENER_28V_500mW	Diode Zener SMD 28V 0.5W	ZD1	SOD123	DIODE_ZENER_28V_500mW	1