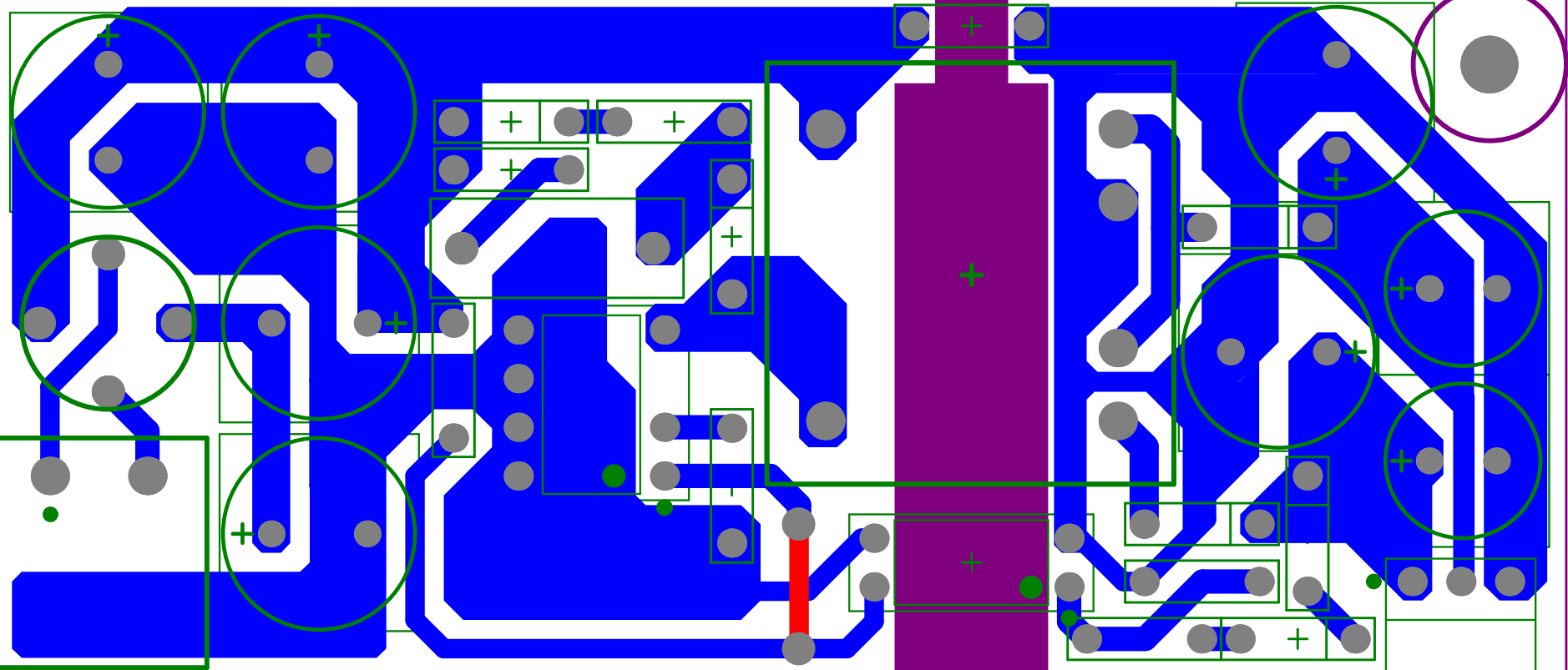


Title		
Size	Number	Revision
A4		
Date:	2012.11.06.	Sheet of
File:	E:\Work\...\PowerSource.SchDoc	Drawn By:

2b1k 5015
.x5m Am002
30V 8 U0E



Comment	Description	Designator	Footprint	LibRef	Quantity
2.2u 1kV	Capacitor	C1	TH	C	1
4.7u	Polarized Capacitor	C2	ELCO-10.17	CAP_POL	1
10u	Polarized Capacitor	C3, C4	ELCO-10.16	CAP_POL	2
10n 1kV	Capacitor	C5	MKP-5x11x13 - duplicate	C	1
100n 50V	Capacitor	C6	TH	C	1
470u 50V	Polarized Capacitor	C7, C10	ELCO-10.17	CAP_POL	2
100u 50V	Polarized Capacitor	C9, C12	ELCO-8.11	CAP_POL	2
Header 2P	2-Pin header	CON1	CPM5.08_2SQ	Header 2P	1
Header 3P	3-Pin header	CON2	POWER 3P 90D	Header 3P	1
RB-15	Graetz Bridge	D1	RB-15	GRAETZ	1
P6KE150A	Diode	D2	TH-D	DIODE	1
1N4007	Diode	D3	TH-D	DIODE	1
SF24G	Diode	D4, D5	TH-D	DIODE	2
BZX55C12	Diode	D6	TH-D	DIODE	1
1N5247BRL	Diode	D7	TH-D	DIODE	1
470u	Inductor	L1	ELCO-10.16	L	1
100	Resistor	R1	TH	R	1
1k	Resistor	R2	TH	R	1
3.6M	Resistor	R3	TH	R	1
390R	Resistor	R4	TH	R	1
2k	Resistor	R5	TH	R	1
TNY278	Flyback Transformer	T1	T-TNY27x	T-TNY27	1
TNY278	Flyback controller	U1	TNY-TH	TNY27x	1
LTV817M-V	Optocoupler 5kV	U2	LTV817	LTV817M-V	1