

A

B

C

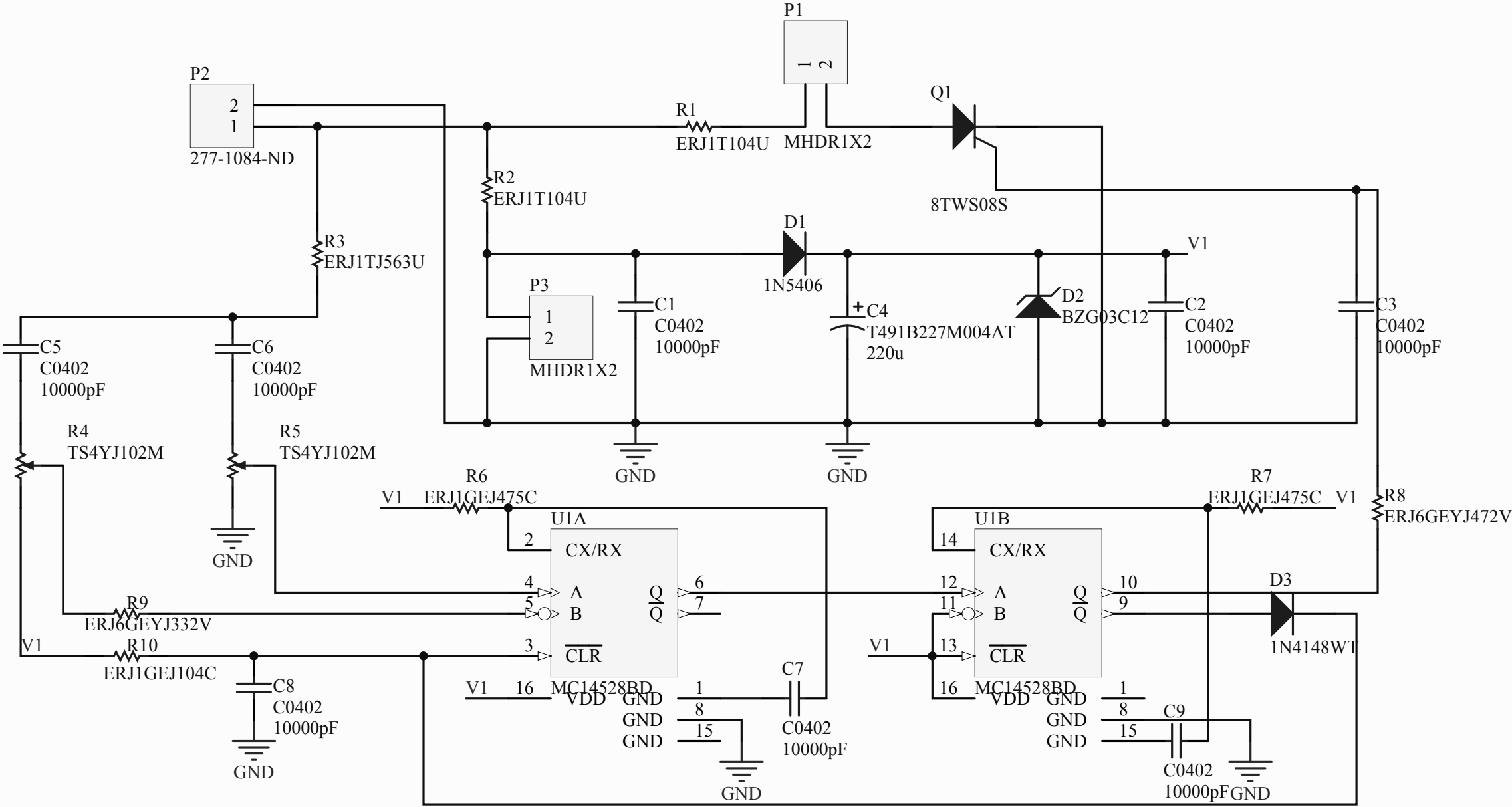
D

A

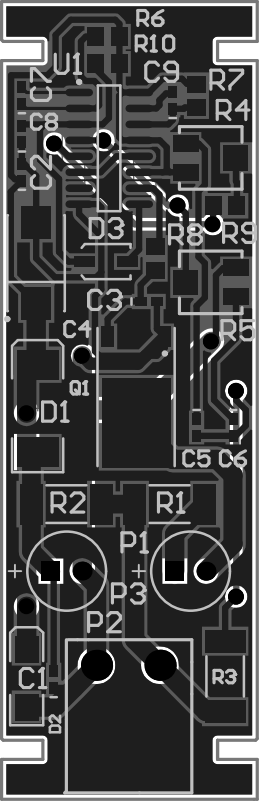
B

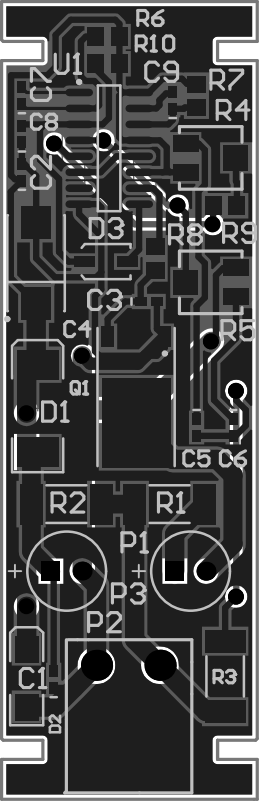
C

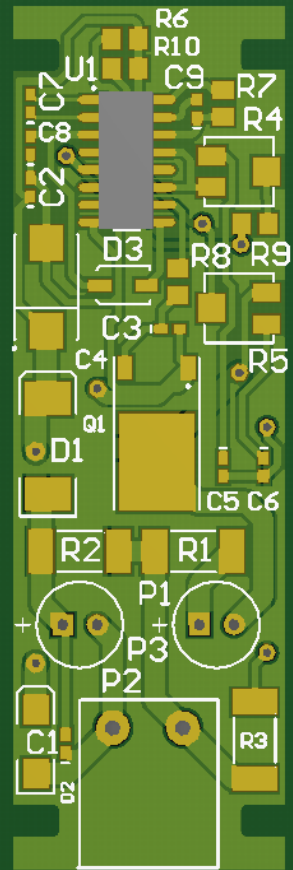
D

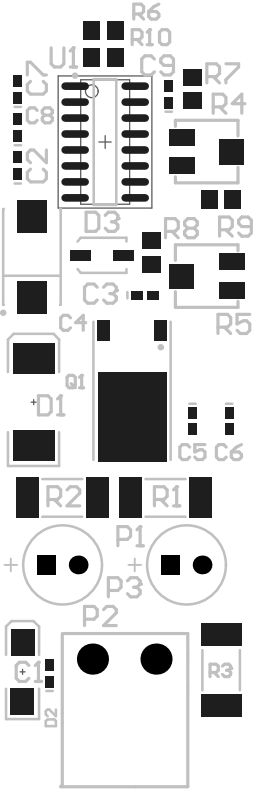


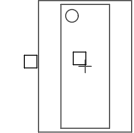
Title		
Size	Number	Revision
A		
Date:	3/12/2012	Sheet of
File:	C:\Users\...\BALLAST-TESTER.SchDoc	Drawn By:

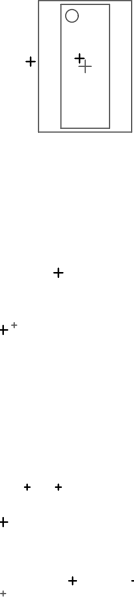


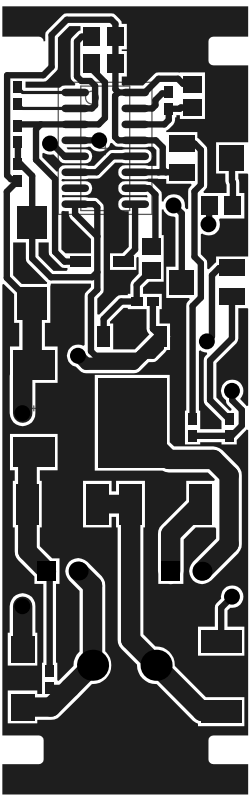


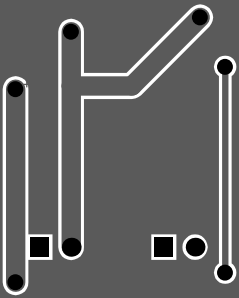
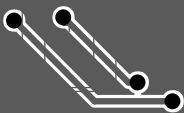


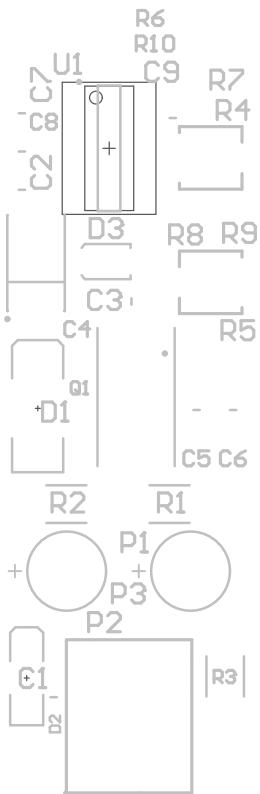


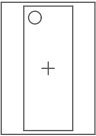






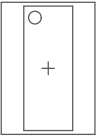






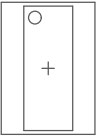
+

+



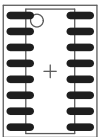
+

+



+

+

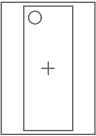


+



+



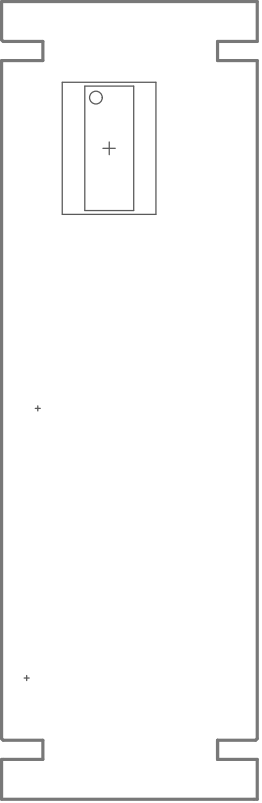


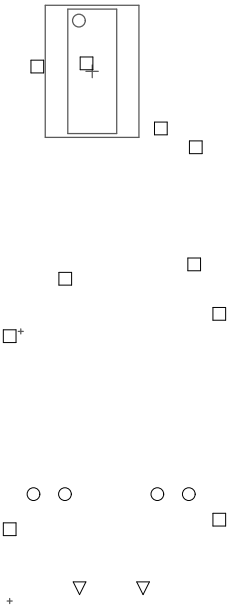
+

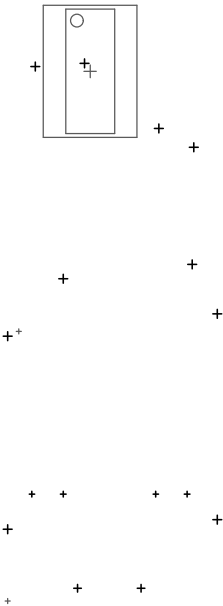


+









Bill of Materials

<Parameter Title not found>

Source Data From: ballast_tester.PrjPcb
 Project: ballast_tester.PrjPcb
 Variant: None

Creation Date: 3/12/2012 3:32:31 AM
 Print Date: 40980 40980.14765

Footprint	Comment	LibRef	Designator	Description	Quantity
0402	C0402	C0402	C1, C2, C3, C5, C6, C7, C8, C9	Ceramic Chip Capacitor - Standard	8
X	T491B227M004	T496X	C4	Solid Tantalum Chip Capacitor, T496	1
	AT			Series - Fail-Safe Fused	
DSO-C2/X3.3	1N5406	1N5406	D1	3.0 Ampere General Purpose Rectifier	1
DO214	BZG03C12	BZG03C12	D2	Silicon Zener Diode (3W)	1
SOD-123	1N4148WT	Diode	D3	1N4148W-TP	1
CAPPR2.5-6.3x5/H.9	MHDR1X2	MHDR1X2	P1, P3	Header, 2-Pin, BULBS	2
power_connector	277-1084-ND	MHDR1X2	P2	Header, 2-Pin	1
TO-252AA	8TWS08S	8TWS08S	Q1	Phase Control SCR	1
1T-2512	ERJ1T104U	ERJ1TRQ	R1, R2	Thick Film Chip Resistor, 1%, 2% and 5% Tolerance, 2512 Size, 3W	2
1T-2512	ERJ1TJ563U	ERJ1TRQ	R3	Thick Film Chip Resistor, 1%, 2% and 5% Tolerance, 2512 Size, 3W	1
POT4MM-2	TS4YJ102M	RPot SM	R4, R5	Square Trimming Potentiometer 1K	2
6-0805	ERJ1GEJ475C	ERJ1GE	R6, R7	Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 5% Tolerance, 0201 Size, 0.05 W	2
6-0805	ERJ6GEYJ472V	ERJ6GE	R8	Thick Film Chip Resistor, 1 Ohm to 10M Ohm Range, 5% Tolerance, 0805 Size, 0.125 W	1
6-0805	ERJ6GEYJ332V	ERJ6GE	R9	Thick Film Chip Resistor, 1 Ohm to 10M Ohm Range, 5% Tolerance, 0805 Size, 0.125 W	1
6-0805	ERJ1GEJ104C	ERJ1GE	R10	Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 5% Tolerance, 0201 Size, 0.05 W	1
751B-05_N	MC14528BD	MC14528BD	U1	Dual Monostable Multivibrator	1
					27

Approved	Notes

Design Rules Verification Report

Filename : C:\Users\lazmat\Dropbox\electronics projects\ballast tester\altium\ballast_tester_PC
B.PcbDoc

Warnings 0
Rule Violations 0

Warnings	
Total	0

Rule Violations	
Room BALLAST-TESTER (Bounding Region = (66.842mm, 43.688mm, 89.067mm, 109.601mm)	0
Net Antennae (Tolerance=0mm) (All)	0
Silk to Silk (Clearance=0.254mm) (All),(All)	0
Hole To Hole Clearance (Gap=0.254mm) (All),(All)	0
Hole Size Constraint (Min=0.025mm) (Max=2.54mm) (All)	0
Height Constraint (Min=0mm) (Max=25.4mm) (Preferred=12.7mm) (All)	0
Width Constraint (Min=0.254mm) (Max=1.54mm) (Preferred=0.5mm) (All)	0
Power Plane Connect Rule(Relief Connect)(Expansion=0.508mm) (Conductor Width=0.254mm) (Air Gap=0.254mm)	0
Clearance Constraint (Gap=0.254mm) (All),(All)	0
Un-Routed Net Constraint (All)	0
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Total	0