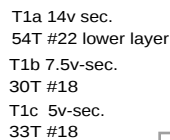
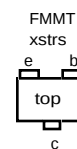
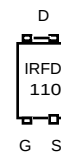
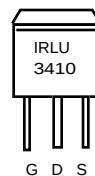


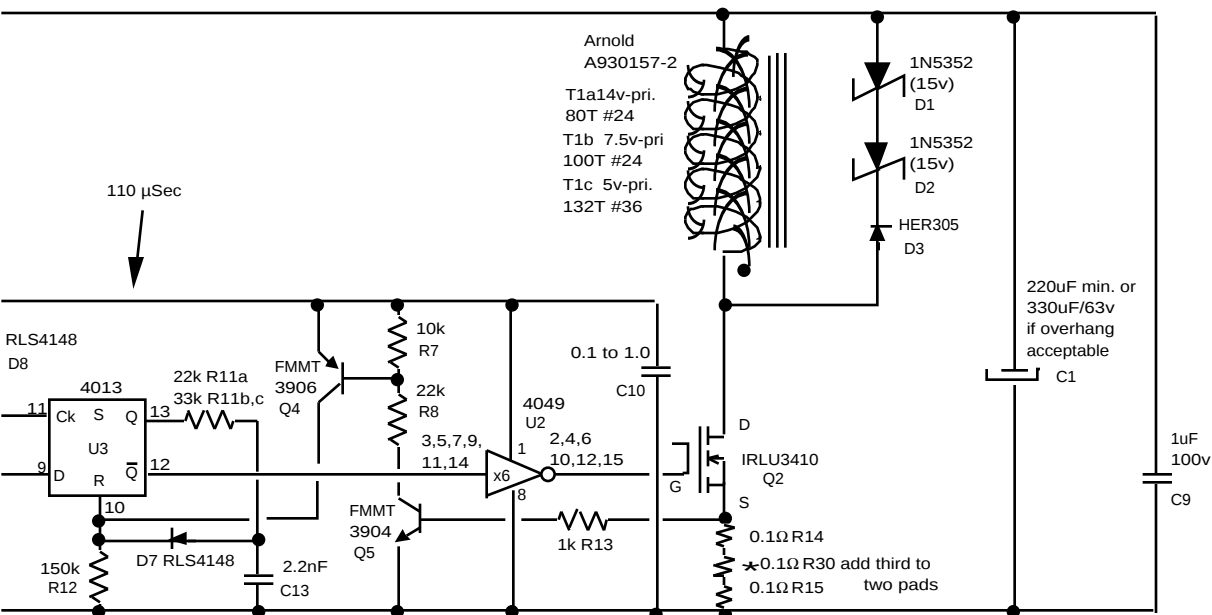
1. Disconnect primary of T1 and put it in short circuit. Run and U2 outputs should show drive.
2. Power the output p4 and p1 with a 5V source. U3p9 and adj output supply up and down. It is gated on and off at the right voltage.
3. Reconnect the primary of T1 and recheck the output. Make sure U4p13 pulse is about 80%.



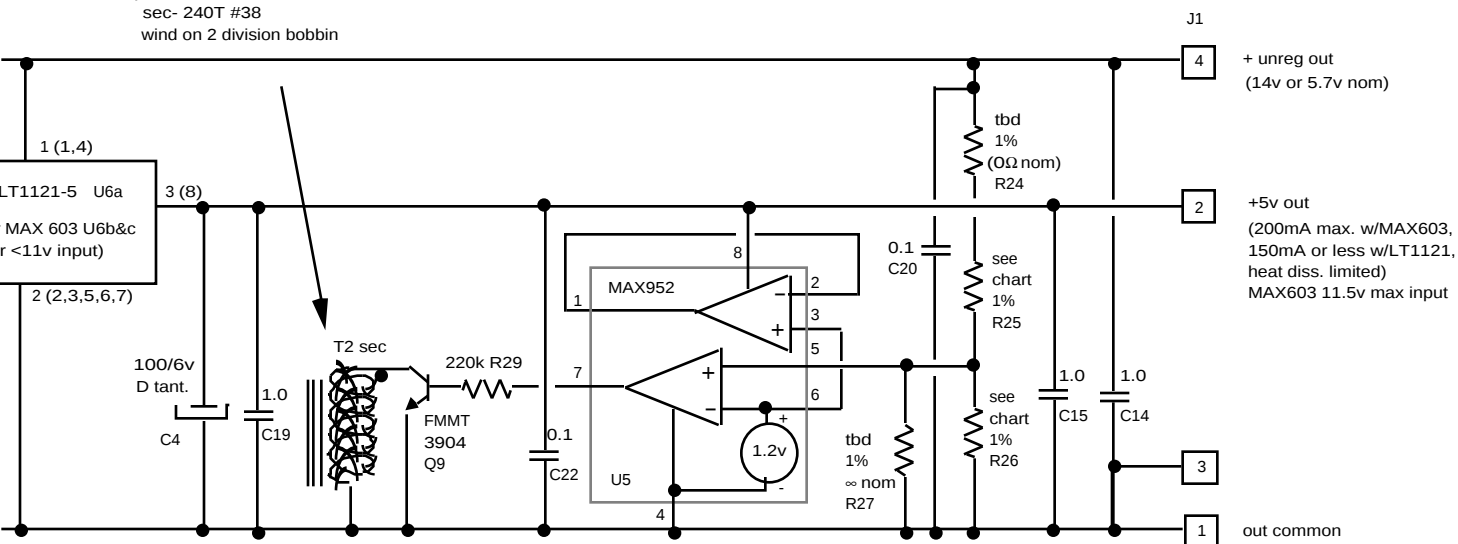
D5a,b 14v-
1N5352B
(15v) or
D5c 5.7v-
1N5342B
(6.8v)



power to input side, U1 should
 ve pulses
 an external supply ~5v. Look at
 d down to verify that pulses are
 ge.
 remove supply on output. The regulator should run.
 0% of flyback of T1.



T2 1408-A250-3B9 pot core
 pri - 240T #38
 sec- 240T #38
 wind on 2 division bobbin



	R25	R26
"a" 14.5v	6.81 MΩ	619 kΩ
"b" 7.5v	2.00 MΩ	383 kΩ
"c" 5.7v	2.00 MΩ	511 kΩ

Note: R3 and R23 are installed values and may be changed in final checkout

Note: board hack required on 5.7v "c" version to reduce coupling from sync rectification to U5 input
 - pads for R24, R25, & R26 are removed and R25 angle mounted - see photos

Note: rev.1 boards require mounting hack to install extra R15a resistor - see photos

Isolated HV Regulator		proj #830690
A. Bradley	IV-27-2004	rev II-25-2005