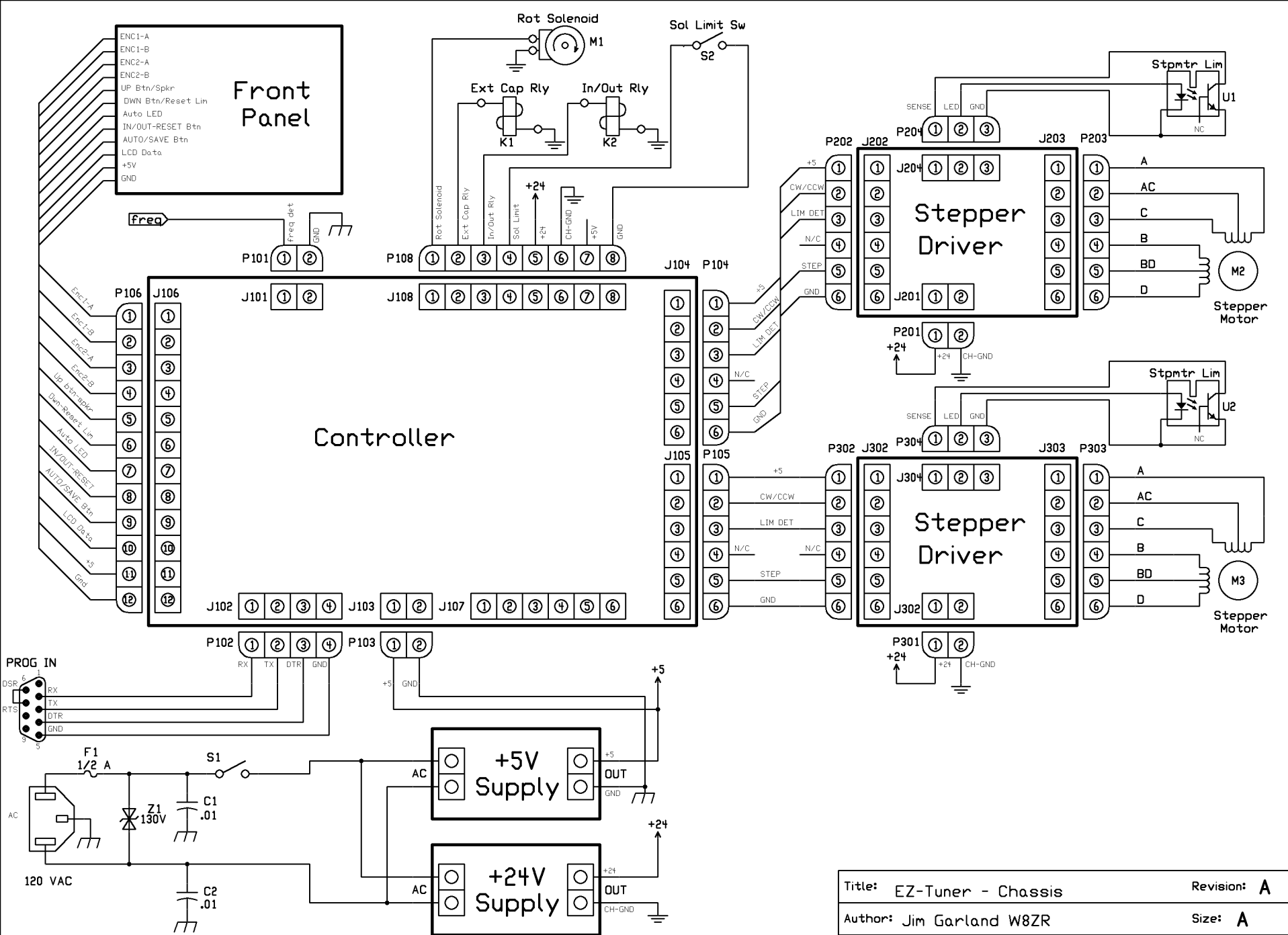
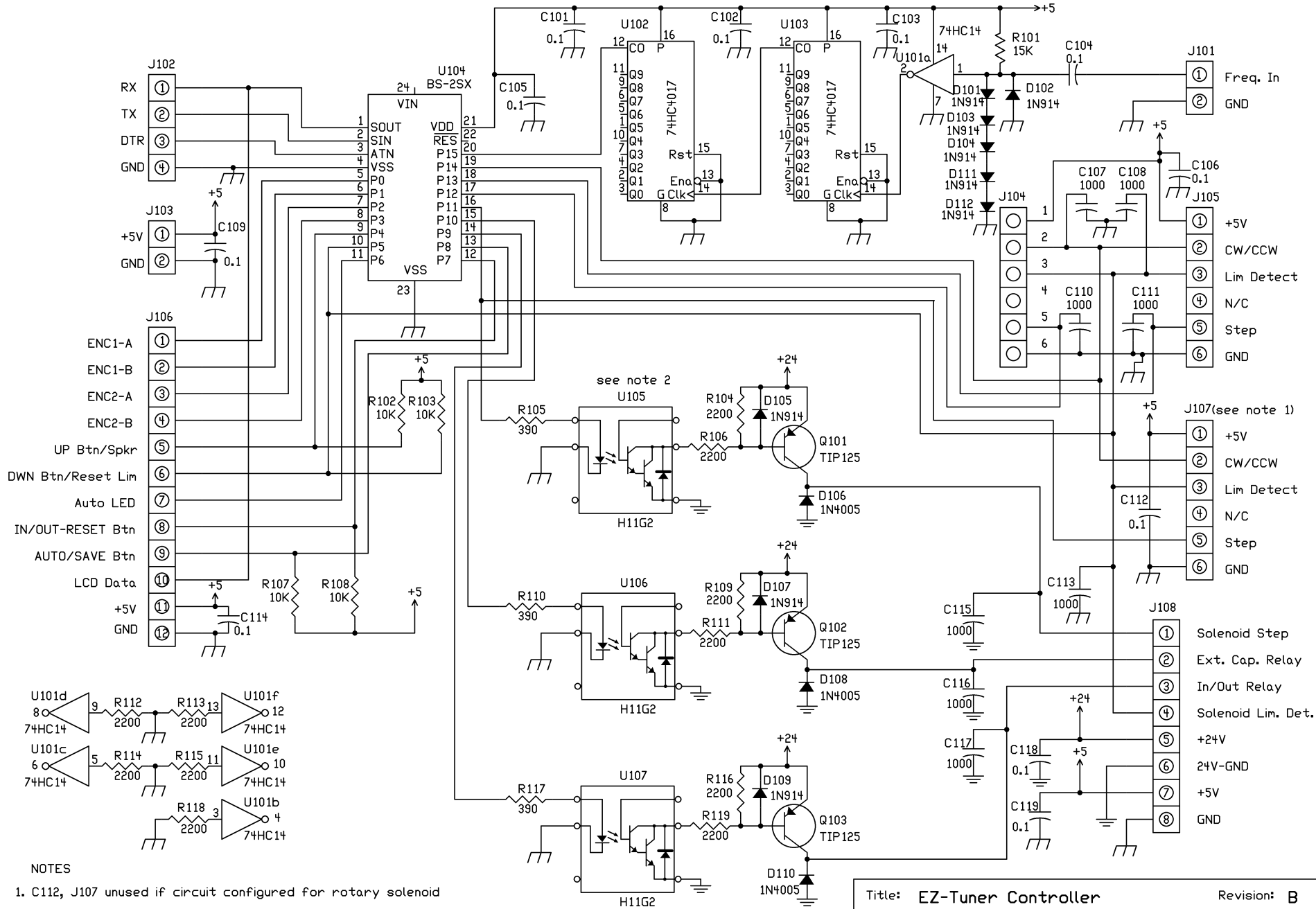
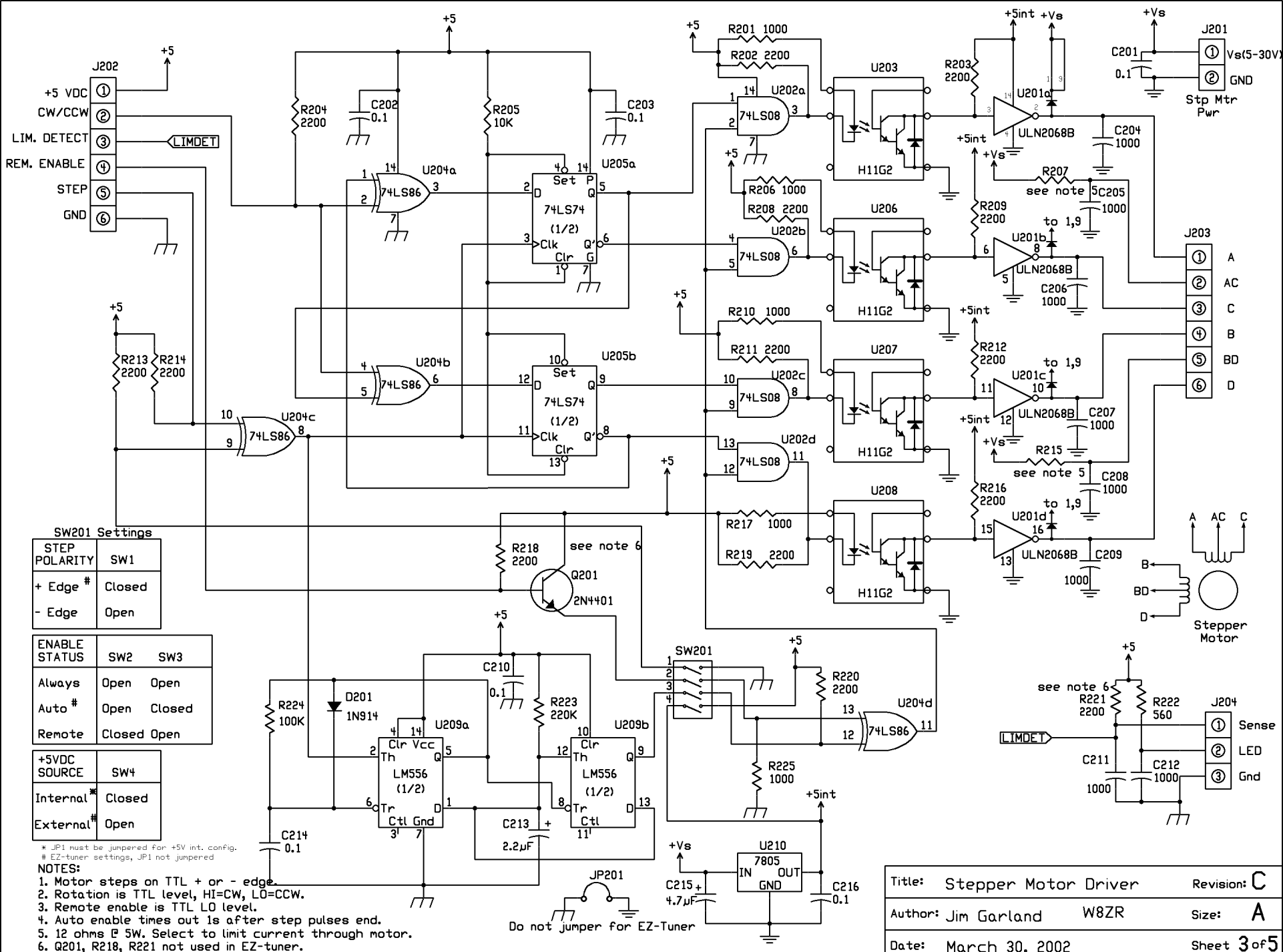


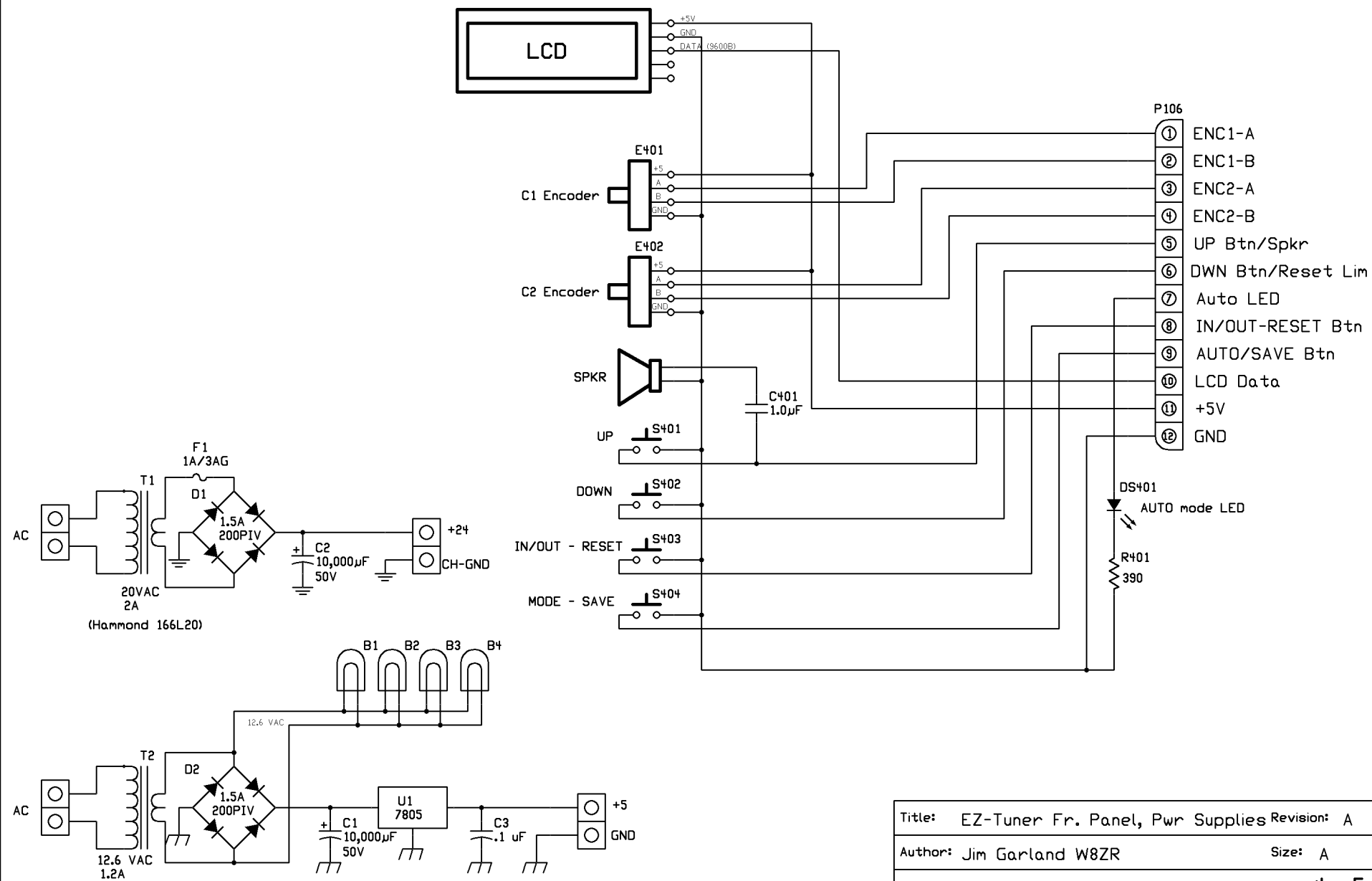


Title: EZ-Tuner - Chassis	Revision: A
Author: Jim Garland W8ZR	Size: A
Date: June 14, 2001	Sheet 1 of 5

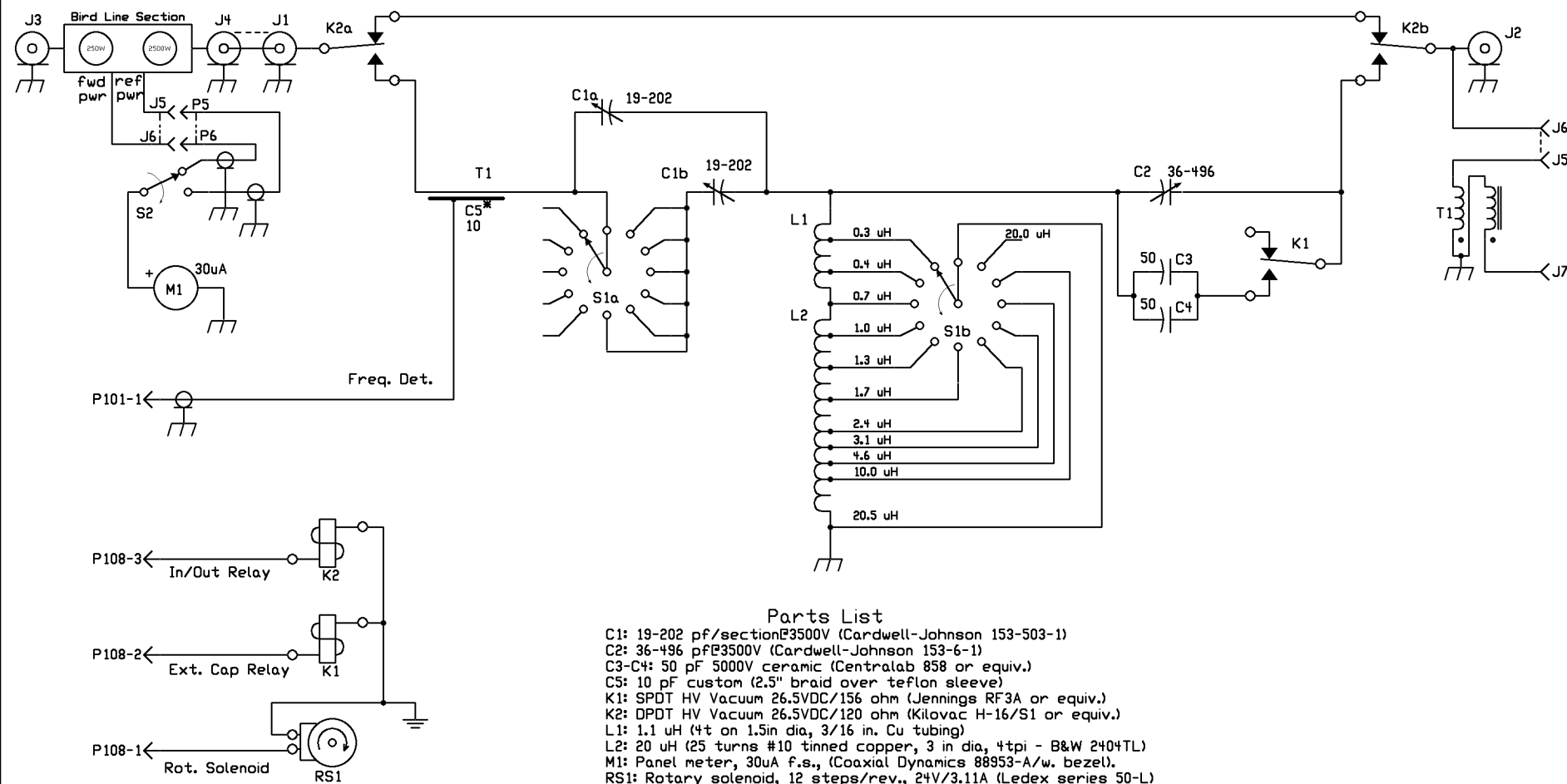


Title: EZ-Tuner Controller	Revision: B
Author: Jim Garland W8ZR	Size: A
Date: Feb. 20, 2002	Sheet 2 of 5





Title: EZ-Tuner Fr. Panel, Pwr Supplies	Revision: A
Author: Jim Garland W8ZR	Size: A
Date: Mar. 30, 2002	Sheet 4 of 5



Parts List

C1: 19-202 pF/section E3500V (Cardwell-Johnson 153-503-1)
 C2: 36-496 pF E3500V (Cardwell-Johnson 153-6-1)
 C3-C4: 50 pF 5000V ceramic (Centralab 858 or equiv.)
 C5: 10 pF custom (2.5" braid over teflon sleeve)
 K1: SPDT HV Vacuum 26.5VDC/156 ohm (Jennings RF3A or equiv.)
 K2: DPDT HV Vacuum 26.5VDC/120 ohm (Kilovac H-16/S1 or equiv.)
 L1: 1.1 uH (4t on 1.5in dia, 3/16 in. Cu tubing)
 L2: 20 uH (25 turns #10 tinned copper, 3 in dia, 4tpi - B&W 2404TL)
 M1: Panel meter, 30uA f.s., (Coaxial Dynamics 88953-A/w. bezel).
 RS1: Rotary solenoid, 12 steps/rev., 24V/3.11A (Ledex series 50-L)
 S1: 2-pole, 11-position HV ceramic (Radio Switch #86 or equiv.)
 T1: Balun, 12t #12, teflon insulated, bifilar wound on 3 T-200-2 Amidon cores.
 Wattmeter: Bird Electronics dual line section w. 250H & 2500H elements.

Title: EZ-Tuner RF Deck

Revision: A

Author: Jim Garland W8ZR

Size: A

Date: Feb. 2, 2002

Sheet 5 of 5