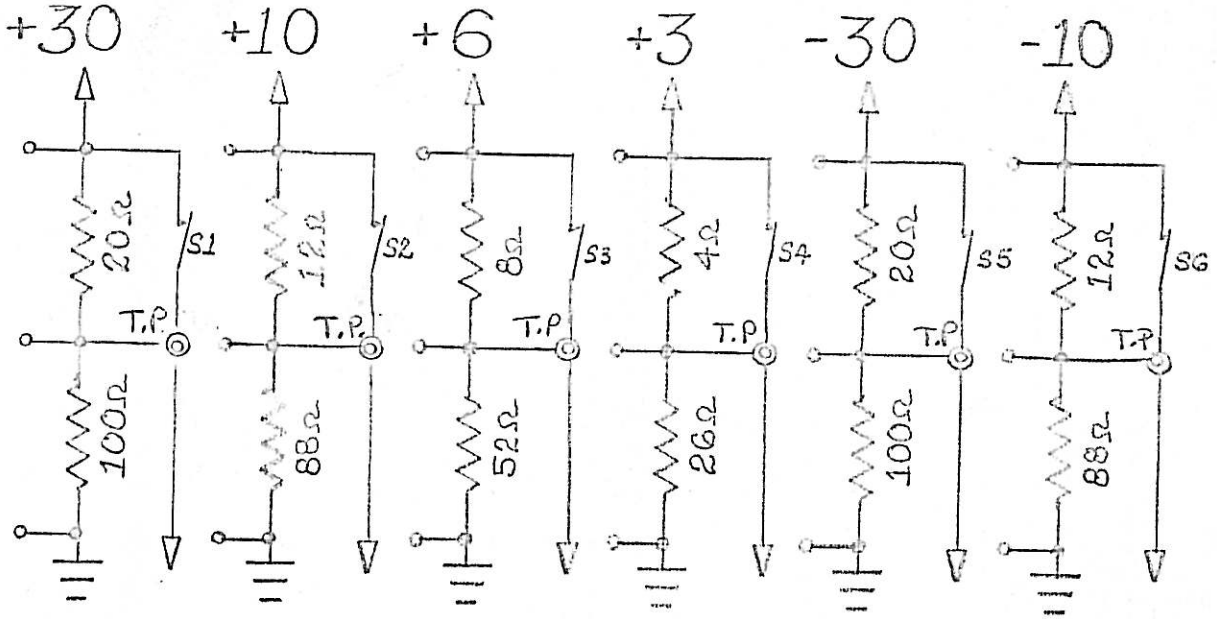
MEMORY PROTECT ADAPTER



THIS UNIT IS TO BE PLUGGED IN AS AN EXTENDER FOR THE MEMORY PROTECT AND VOLTAGE REGULATOR ASSEMBLY. WHEN IT IS DESIRED TO CHECK THE MEMORY PROTECT CIRCUIT, EACH VOLTAGE IS CHECKED BY OPENING THE NORMALLY CLOSED SWITCH ASSOCIATED WITH THAT VOLTAGE. THE VOLTAGE SUPPLIED TO THE MEMORY PROTECT CIRCUIT IS THEN LOWERED THE SPECIFIED AMOUNT (APPROX. 12 → 15%) THE RESISTOR VALUES SHOWN ARE APPROXIMATE VALUES AND IT MAY BE NECESSARY TO TRIM A CERTAIN AMOUNT TO OBTAIN THOSE VALUES DESIRED. TERMINALS WERE MADE AVAILABLE FOR THIS TRIMMING PROCEDURE. TEST POINTS ARE AVAILABLE FOR VOLTAGE MONITORING.

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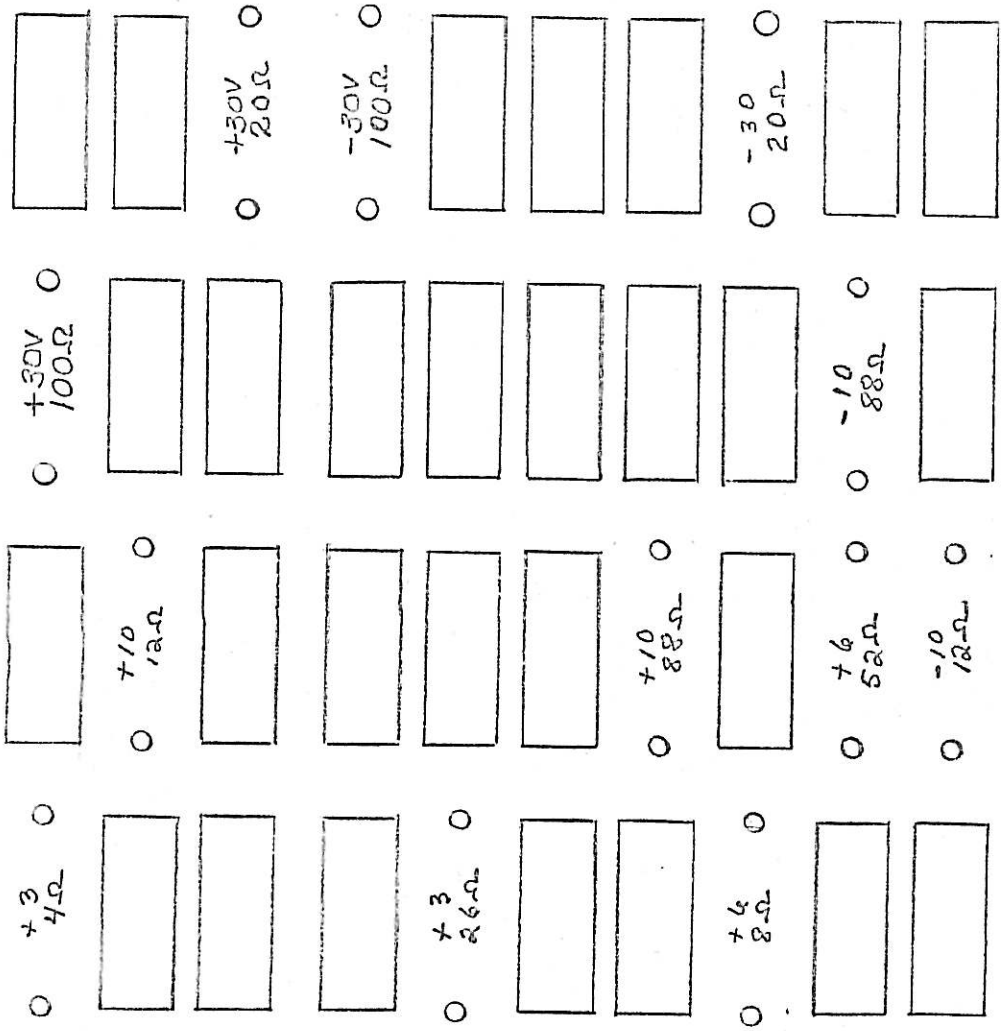
BACK PANEL LAYOUT



EXAMPLE: TO DECREASE THE +30V VOLTS, PLACE A RESISTOR BETWEEN THE TAPS SHOWN ABOVE AS +30V, 20 Ω. TO INCREASE THE +30V PLACE A RESISTOR BETWEEN THE TAPS MARKED +30V, 100 Ω

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Q1, Q2, Q4, Q8 — PNP V7900546

Q5, Q6, Q7, Q9 — NPN V7900531

R1	1KΩ	1/4W	V4911672-33
R2	2K(Pot)	0.75W	V7900443-07
R3	220Ω	1/4W	V4911672-17
R4	2.7KΩ	1/4W	V4911672-43
R5	560Ω	1/4W	V4911672-27
R6	2.7KΩ	1/4W	V4911672-43
R7	220Ω	1/4W	V4911672-17
R8	2.7KΩ	1/4W	V4911672-43
R9	220Ω	1/4W	V4911672-17
R10	1KΩ	1/4W	V4911672-33
R11	2K(Pot)	0.75W	V7900443-07
R12	220Ω	1/4W	V4911672-17
R13	2.7K	1/4W	V4911672-43
R14	560Ω	1/4W	V4911672-27
R15	500Ω(Pot)	0.75W	V7900443-05
R16	500Ω(Pot)	0.75W	V7900443-05
R17	1K(Pot)	0.75W	V7900443-06
R18	56KΩ	1/4W	V4911672-75
R19	3.9KΩ	1/4W	V4911672-47
R20	3.9KΩ	1/4W	V4911672-47
R21	3.9KΩ	1/4W	V4911672-47
R22	3.9KΩ	1/4W	V4911672-47
R23	56KΩ	1/4W	V4911672-75
R24	2.7KΩ	1/4W	V4911672-43
R25	2.7KΩ	1/4W	V4911672-43
R26	2.7KΩ	1/4W	V4911672-43
R27	2.7KΩ	1/4W	V4911672-43
R28	2.7KΩ	1/4W	V4911672-43
R29	1K(Pot)	0.75W	V7900443-06
R30	3.3KΩ	1/4W	V4911672-45
R31	3.3KΩ	1/4W	V4911672-45
R32	3.3KΩ	1/4W	V4911672-45
R33	3.3KΩ	1/4W	V4911672-45
R34	3.3KΩ	1/4W	V4911672-45
R35	3.3KΩ	1/4W	V4911672-45
R36	2.7KΩ	1/4W	V4911672-43
R37	2.7KΩ	1/4W	V4911672-43
R38	1.8KΩ	1/4W	V4911672-39
R39	56KΩ	1/4W	V4911672-75
R40	1.5KΩ	1/4W	V4911672-37
R41	1.8KΩ	1/4W	V4911672-39
R42	56KΩ	1/4W	V4911672-75
R43	680Ω	1/4W	V4911672-29
R44	2.7KΩ	1/4W	V4911672-43
R45	1.8KΩ	1/4W	V4911672-39
R46	4.7KΩ	1/4W	V4911672-49

CR1, CR2, CR3, CR4
CR5, CR6, CR7, CR8
CR9, CR12, CR13
CR14, CR15, CR16
CR19, CR20, CR21
CR22, CR23, CR24
CR25, CR26, CR27
CR29, CR30
— V4907831

CR10, CR11, CR17, CR18 — 5.6V 400mW — V7900258-09 (USNIN752A)

CR28 — 16V 400mW — V7900258-21 (USN966B)

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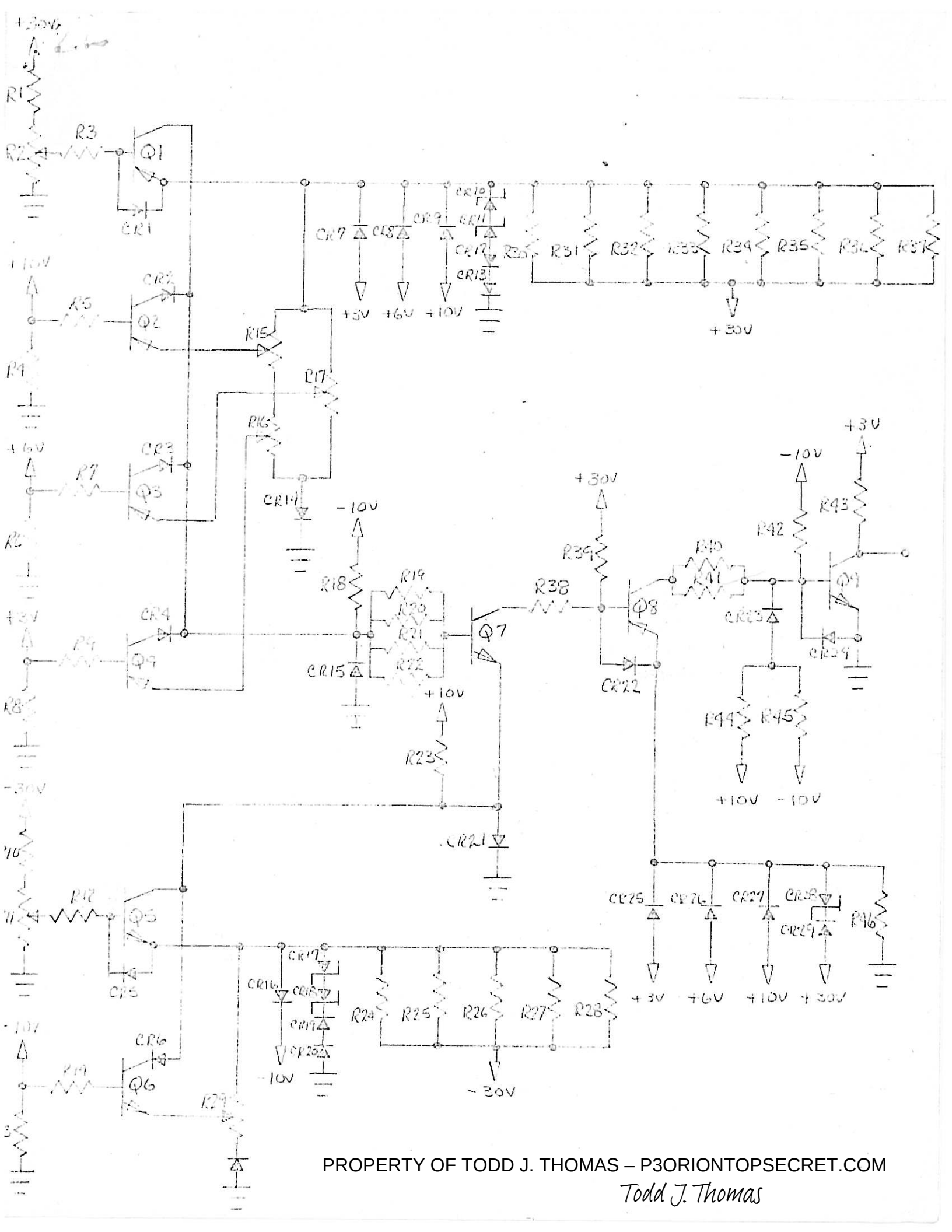

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