



CONRAD-JOHNSON DESIGN INC.  
2753 HERRILL C DR FAIRBANKS WA 22031

MODEL PV10	REVISION A
DRAWN BY [Signature]	DATE 02/98

PV10A PARTS LIST

- |                         |                           |
|-------------------------|---------------------------|
| R1, 1.8K 2W (33K in LS) | D1, .4F4007               |
| R2, 390K                | D2, .4F4007               |
| R3, 331 $\Omega$        | D3, .4F4007               |
| R4, 18.2K               | D4, .4F4007               |
| R5, 910K                | D5, FR302/G1B54           |
| R6, 91K                 | D6, FR302/G1B54           |
| R7, 3.3K                | D7, FR302/G1B54           |
| R8, 82 $\Omega$ 1W      | D8, FR302/G1B54           |
| R9, 910K                | D9, IN4148                |
| R10, 1K                 | D10, IN4148               |
| R11, 47 $\Omega$        | D11, IN5257               |
| R12, 47.5K              | U12, IN5257               |
| R13, 365 $\Omega$       | D13, IN5257               |
| R14, 221K VTA52         | D14, IN5257               |
| R15, 845 $\Omega$       | D15, IN5257               |
| R16, 215K               | D16, IN5257               |
| R17, 39.2K              | D17, IN5257               |
| R18, 2.2M               | D18, IN5257               |
| R19, 2.2M               | D19, IN5254               |
| R20, 150K RN65          | D20, IN5254               |
| R21, 1K                 | D21, IN4007               |
| R22, 121K RN65          | D22, IN4007               |
| R23, 121K RN65          | D23, 1.e.d.               |
| R24, 121K RN65          | D24, IN4007               |
| R25, 1m $\Omega$        | D25, <sup>2</sup> IN4148  |
| R26, 47.5 $\Omega$      | V1, 12AX7 left ch.        |
| *R27, 100K bal. pot     | V2, 12AX7 right ch.       |
| R28, 100K vol. pot      | V3, 12AT7                 |
| R29, 47.5               | V4, <sup>1</sup> 12AU7    |
| R30, 3.3K               |                           |
| R31, 82.5 K RN65        | Q1, MPSU60                |
| R32, 121K RN65          | Q2, MPSU10                |
| R33, 121K RN65          | Q3, MJE340                |
| R34, 12K RN65           | Q4, Not Used              |
| R35, 1m                 | U2, NE555                 |
| R36, 47.5 $\Omega$      | S1, 2 pos. 1 pole switch  |
| R37, 475 $\Omega$       | S2, 5 pos. 2 pole switch  |
| C1, .01mf/250V (VDE)    | S3, 2 pos. 2 pole switch  |
| C2, 20mf/800V           | *S4, 2 pos. 2 pole switch |
| C3, 20mf/800V           | O1, AC outlet             |
| C4, .01mf/600V ps       | Q2, AC outlet             |
| C5, 4mf/400V pp         | RL1, relay                |
| C6, 13.5mf/500V pp      | RL2, relay                |
| C7, 4700mf/35V elect    | U1, MC7812 reg            |
| C8, 22mf/50V elect      | T1, METEREK 7B3P2         |
| C9, .47mf/200V pp       | F1, $\frac{1}{2}$ amp sb  |
| C10, 47mf/35V elect     |                           |
| C11, 47pf pp ps         |                           |
| C12, .15mf/400V ps      |                           |
| C13, 2600pf ps          |                           |
| C14, 8000pf ps          |                           |
| C15, 150pf ps           |                           |
| C16, 4mf/400V pp        |                           |
| C17, 10pf pp            |                           |
| C18, 47pf pp            |                           |
| C19, 4mf/400V pp        |                           |
| C20, .15mf/400V pp      |                           |

	S4	R27
231	X	X
232		X
233		
235		X
236		

\* Above chart shows utilization of S4 & R27 in various PV10A iterations (by 3-digit serial # prefix)