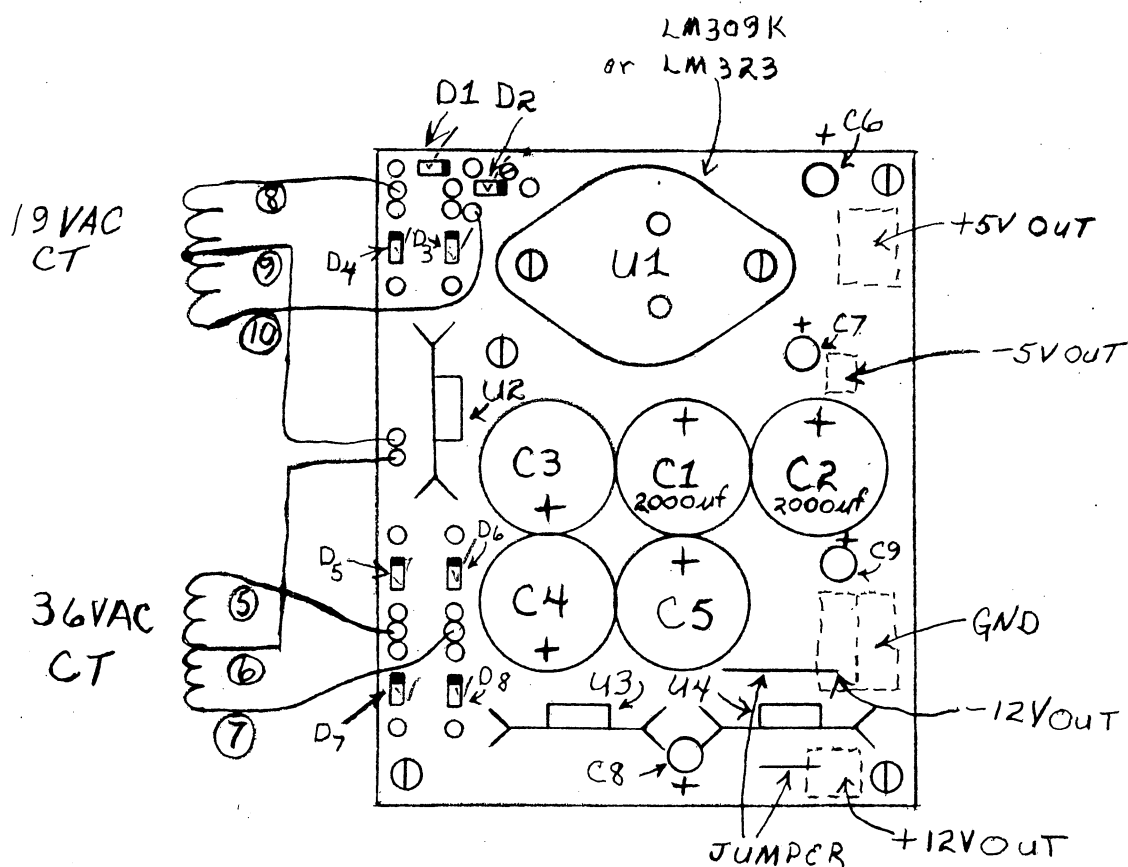


M C B P O W E R S U P P L Y

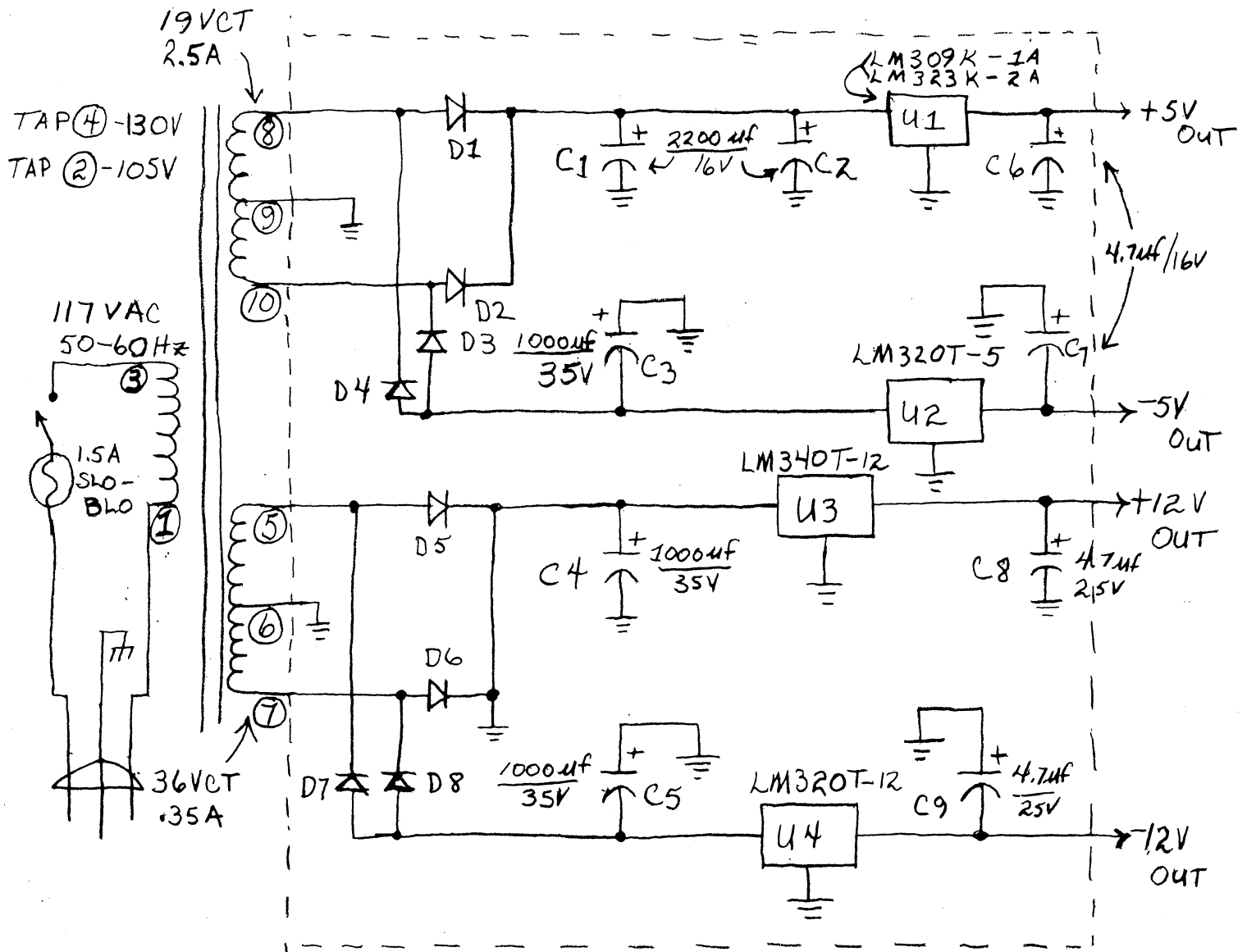


Assembly

- ✓1. Mount Diodes D1-D8. Use $1\frac{1}{2}A$ diodes at D1+D2 for 2A supply.
- ✓2. Mount C8. Attach U2, U3+U4 to their heat sinks.
- ✓3. Mount U2, U3 & U4 to PC Board. Epoxy heatsinks to board.
- ✓4. Install the two jumpers
5. Mount the rest of the capacitors.
6. Install U1 and its heat sink.
7. Attach transformer leads.
8. With a $1K\Omega$ Load on each supply. Test the outputs.

Note: Use heat sink grease between the heat sinks and regulators

MCB POWER SUPPLY



D1, D2 - 1.5A 50PIV (2A ONLY), 1N4002 (1A ONLY)

D3-D8 - 1N4002

C1, C2 - 2200 μ fd 16VDC

C3-C5 - 1000 μ fd 35VDC

C6-C9 - 4.7 μ fd 35VDC

U1 - LM323 (2A ONLY), LM309K (1A ONLY) [EQUIV. MAY BE USED]

U2 - LM320T-5 or 7905

U3 - LM340T-12 or 7812

U4 - LM320T-12 or 7912

① etc. refers to transformer terminal

© 25 Nov 80
 M. Simon
 4 JUNE 81