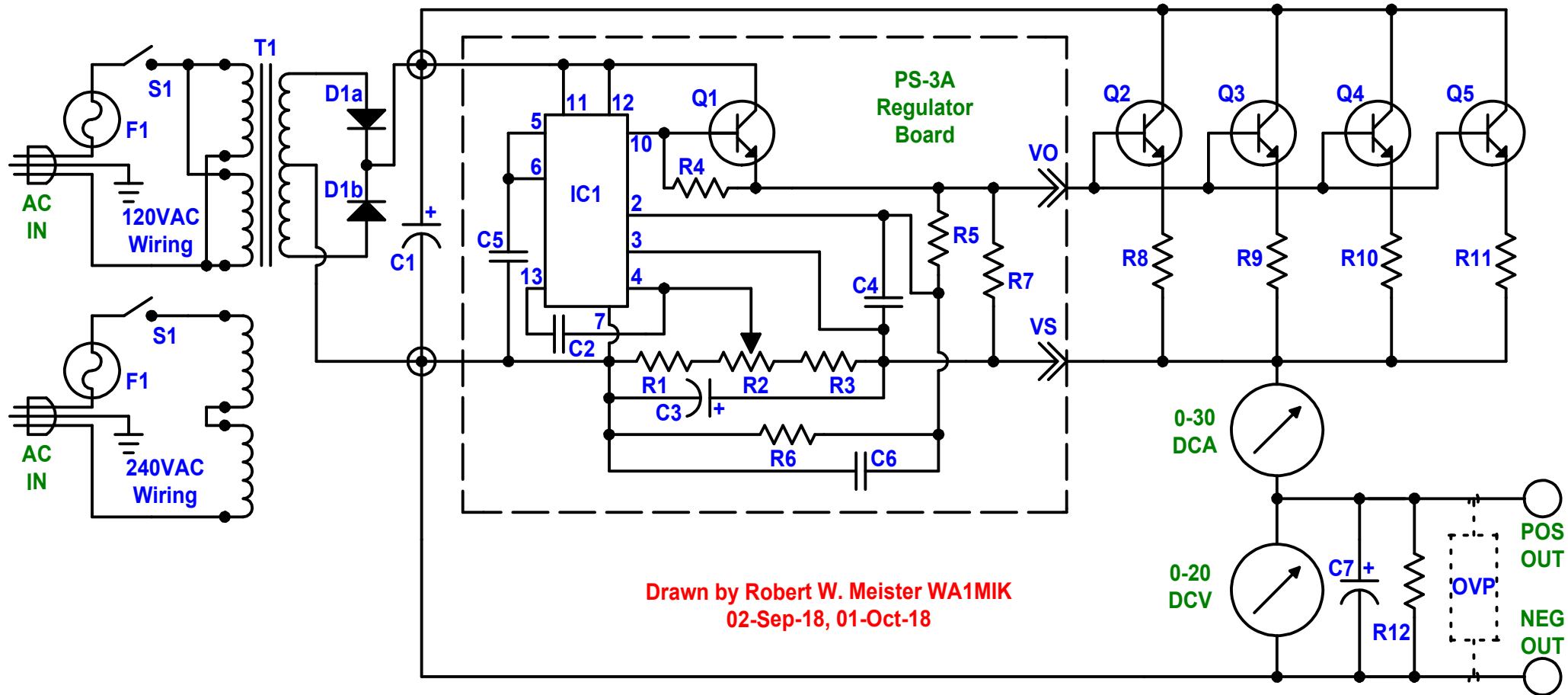


# VHF Engineering PS-25M Regulated Power Supply



## **VHF Engineering PS-25M Parts List / Robert W. Meister WA1MIK / 30-Oct-18**

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| <b>C1</b>            | <b>30,000uF, 50V, screw terminals</b>               |
| <b>C2,C4</b>         | <b>0.001 disc</b>                                   |
| <b>C3,C7</b>         | <b>470uF, 25V, axial</b>                            |
| <b>C5,C6</b>         | <b>0.01 disc</b>                                    |
| <b>D1</b>            | <b>30A, 200V, dual diode</b>                        |
| <b>F1</b>            | <b>10A, 250V, SB, 1/4x1-1/4 (5A for 240V input)</b> |
| <b>IC1</b>           | <b>LM723, uA723, or equivalent</b>                  |
| <b>Q1</b>            | <b>TIP3055</b>                                      |
| <b>Q2,Q3,Q4,Q5</b>   | <b>2N3055</b>                                       |
| <b>R1</b>            | <b>5.6k, 1/4w</b>                                   |
| <b>R2</b>            | <b>2k pot</b>                                       |
| <b>R3</b>            | <b>4.7k, 1/4w</b>                                   |
| <b>R4</b>            | <b>5.6k, 1/2w</b>                                   |
| <b>R5</b>            | <b>330 ohm, 1/4w</b>                                |
| <b>R6</b>            | <b>3.0k, 1/4w</b>                                   |
| <b>R7</b>            | <b>100 ohm, 1w</b>                                  |
| <b>R8,R9,R10,R11</b> | <b>0.1 ohm, 5w</b>                                  |
| <b>R12</b>           | <b>220, 2w</b>                                      |
| <b>S1</b>            | <b>SPST Toggle Switch</b>                           |
| <b>T1</b>            | <b>36VCT, 25A, 120/240 primary</b>                  |