

The schematic diagram illustrates a power supply and control system. The input is a 13V AC source connected to a transformer (T101). The secondary of the transformer is connected to a bridge rectifier (D101) and a filter capacitor (C105). The output of the filter is connected to a 5V regulator (Q101) and a 5V output. The control section includes a microcontroller (IC101), a timer (IC102), and various resistors (R1-R27) and capacitors (C1-C17). The output is connected to a motor (M101) and a fan (FAN7502B).

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