

The circuit diagram shows a PIC16F84 microcontroller (IC1) interfaced with a 7805 voltage regulator (UR1) and a transformer (T1, T2). The PIC16F84 is configured with various components including resistors (R1-R11), capacitors (C1-C8), and transistors (TR1, TR2, TR3). The circuit includes a 9V battery (B1) and a 3.9V Zener diode (ZD1). The output of the transformer is connected to a load (L1) and a 3.9V Zener diode (ZD3). The circuit is labeled with component values and pin numbers.

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