

4x4 - Three Transistor Headphone Amplifier - Class AB

The diagram shows a 5V regulator circuit. The input is connected to IN+ and IN-. The output is connected to BAT+ and BAT-. The circuit includes two BC547 transistors (T1, T2), two BC557 transistors (T3, T4), two 1N4148 diodes (D1, D2), and various resistors (R1, R2, R3, R4, R5) and capacitors (C1, C2, C3, C4). The circuit is designed to regulate the output voltage to 5V.