

The PCB layout for the Apex FH14 power supply unit features two identical half-bridges. Each half-bridge consists of an IRLP9240 MOSFET switching an IRLP9240 diode. The input filter section includes a 1K resistor, a 100nF capacitor, and a 0.22 / 5W resistor. The output filter section includes a 1K resistor, a 100k capacitor, and a 0.22 / 5W resistor. The center of the board contains a bridge rectifier (BD139) connected to a 100N capacitor, which feeds into a 2K2 resistor leading to the OUT terminal. Various other components like capacitors (e.g., 47uF, 100uF, 220uF), resistors (e.g., 1K, 100, 100k, 1K/2W), and integrated circuits (e.g., 4007, 4148) are distributed across the board. A GND pad is located at the bottom right.

*Not Tested*

