



The diagram shows a bidirectional LED driver circuit. It consists of two TL074 op-amps (U1C and U1D) configured as comparators. The first op-amp (U1C) has its non-inverting input (pin 10) connected to a voltage divider (R6, R7) from a 5V source (V1). Its inverting input (pin 9) is connected to the output (pin 8) of the second op-amp (U1D). The output of U1C (pin 8) is connected to the IN pin of a relay (X1) through a 1k resistor (R7). The relay is also connected to GND (pin 5). The second op-amp (U1D) has its non-inverting input (pin 12) connected to a voltage divider (R8, R9) from a 5V source (V2). Its inverting input (pin 13) is connected to the output (pin 14) of the first op-amp (U1C). The output of U1D (pin 14) is connected to the LED (D1) through a 1k resistor (R8). The LED is also connected to GND (pin 1). The relay is labeled TRI_OUT1 AudioJack2_SwitchT.

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