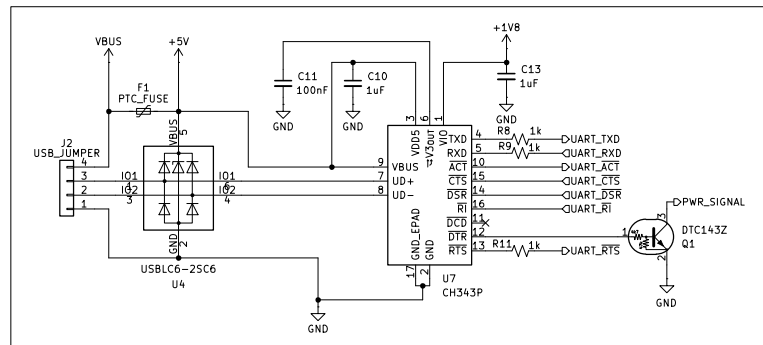


The diagram shows a circuit for a battery-powered device. It features a +5V input, a GND connection, and a +BATT output. A capacitor C16 (10uF) is connected between +5V and GND. A microcontroller U6 (TPS62401ADRL) is connected with its VIN to +5V, EN to GND, and SW to a switch labeled SW1 (KILL SWITCH). The switch has terminals 1, 2, and 3. Terminal 2 is connected to a 1uH inductor L1, which is in series with a 120pF capacitor C12. After C12, the circuit splits into two parallel paths: one through a 536k resistor R5 and another through a 100k resistor R6. These paths rejoin and connect to a 22uF capacitor C17. A 10R resistor R4 is connected between the output of C17 and the +BATT line. The +BATT output is also connected to a 500uF capacitor C18. The GND connection is also connected to the common terminal of the kill switch.



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