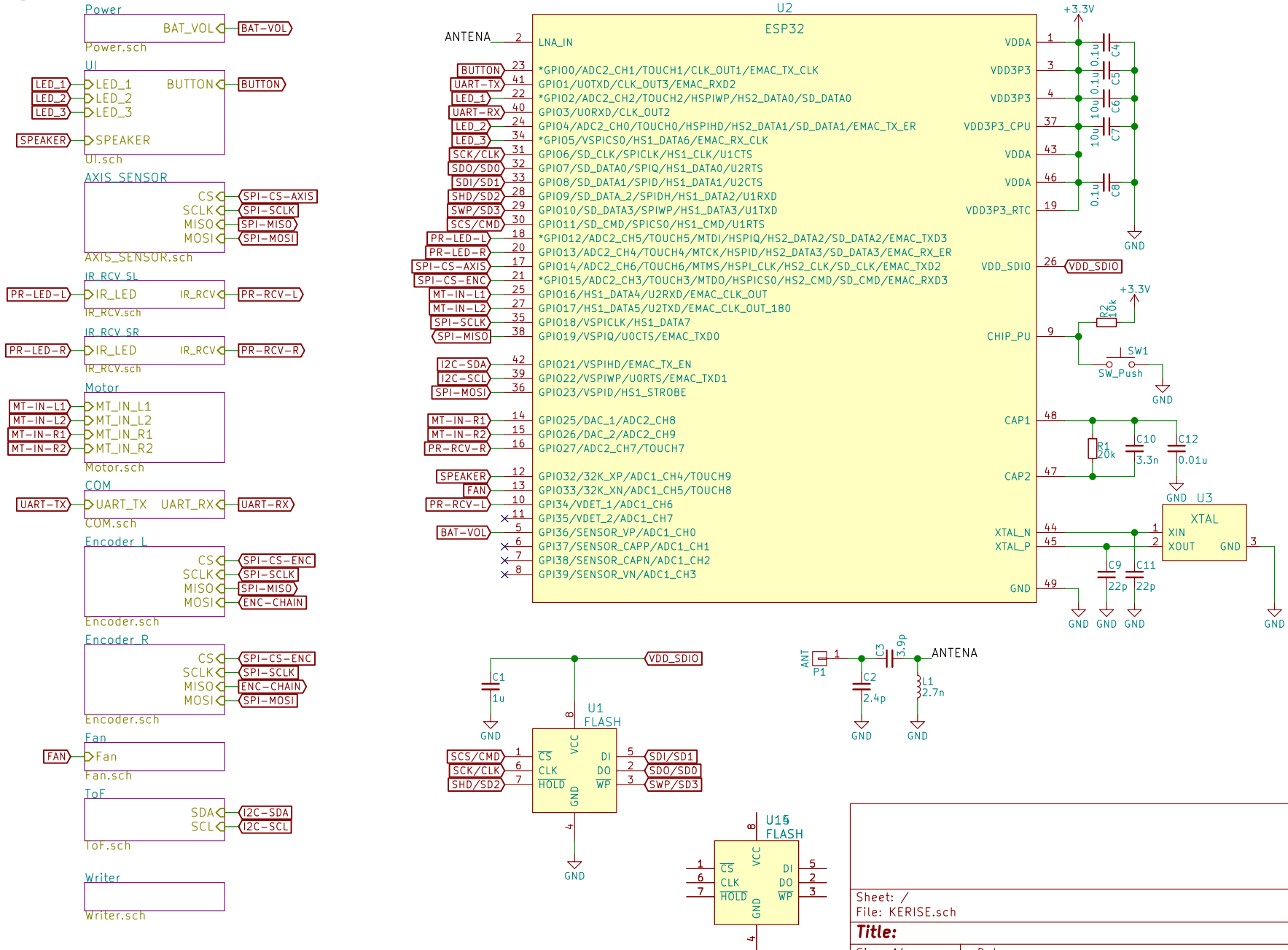


Main



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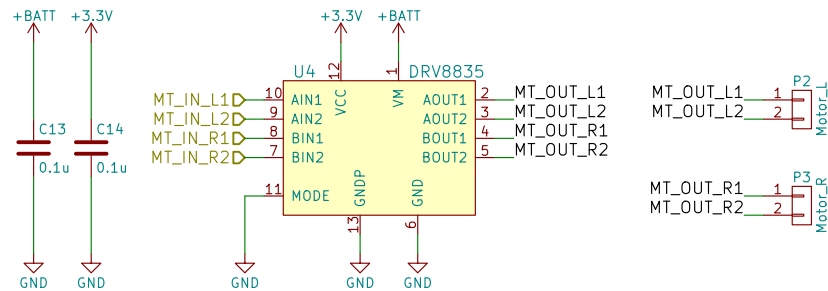
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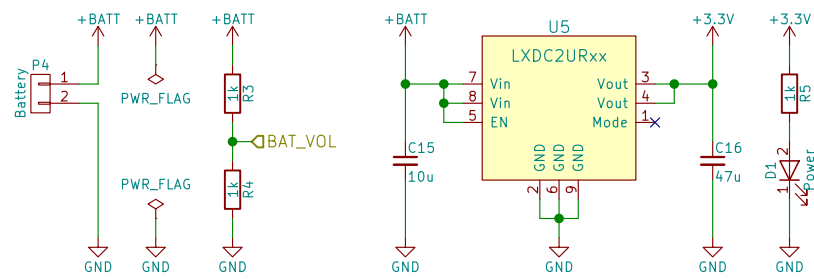
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Motor



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Power

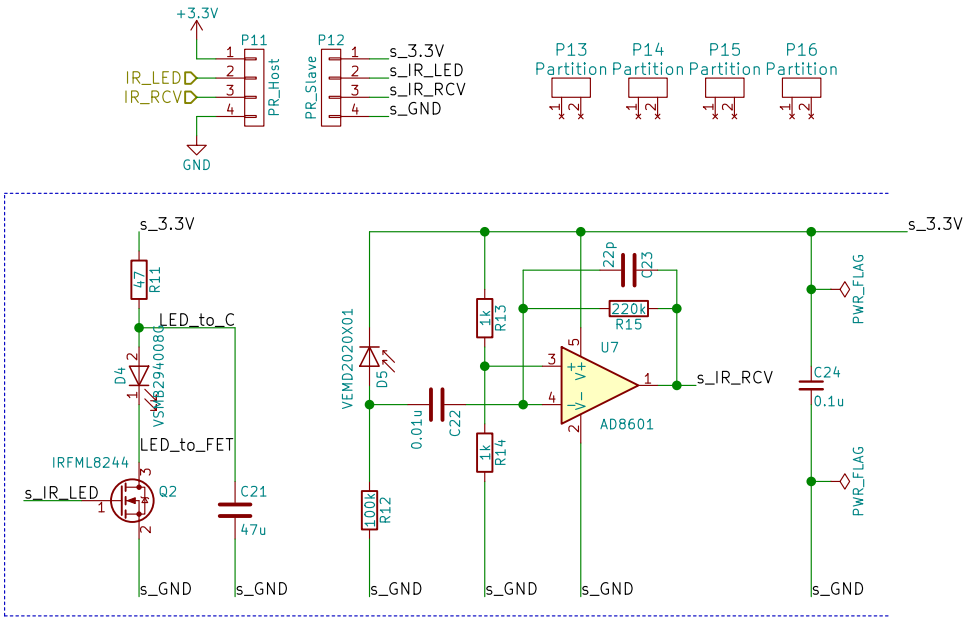


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The schematic diagram illustrates the internal circuitry of the IR receiver module. It features an IR receiver diode (D2, VSM294008) connected to a 4.7k resistor (R6) and a 47uF capacitor (C17) to ground. The diode's output is connected to the non-inverting input (+V) of an AD8601 op-amp (U6). The op-amp is configured with a voltage divider (R8, R9) and a feedback network (R10, C19). The op-amp's output is connected to the s_IR_RCV pin. The module also includes a 100k resistor (R7) connected to the s_IR_LED pin, a 4.7k resistor (R6) connected to the LED to C pin, and a 47uF capacitor (C17) connected to the LED to FET pin. The module is powered by a 3.3V supply (s_3.3V) and ground (s_GND). The module's pins are labeled: P5 (PR_Host), P6 (PR_Slave), P7 (Partition), P8 (Partition), P9 (Partition), and P10 (Partition).

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Photo Reflector



Sheet: /IR_RCV_SR/
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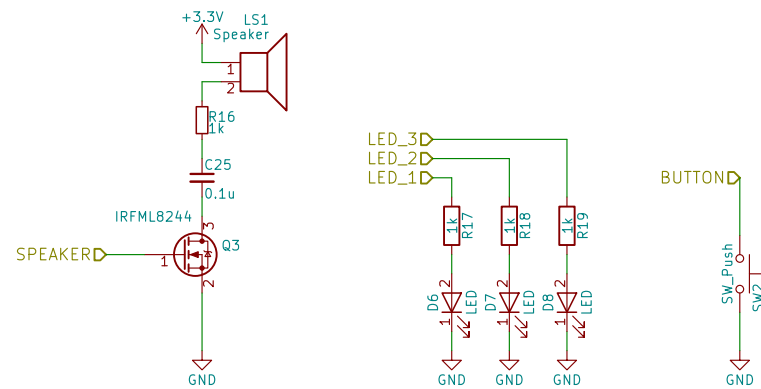
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Id: 5/13

User Interface



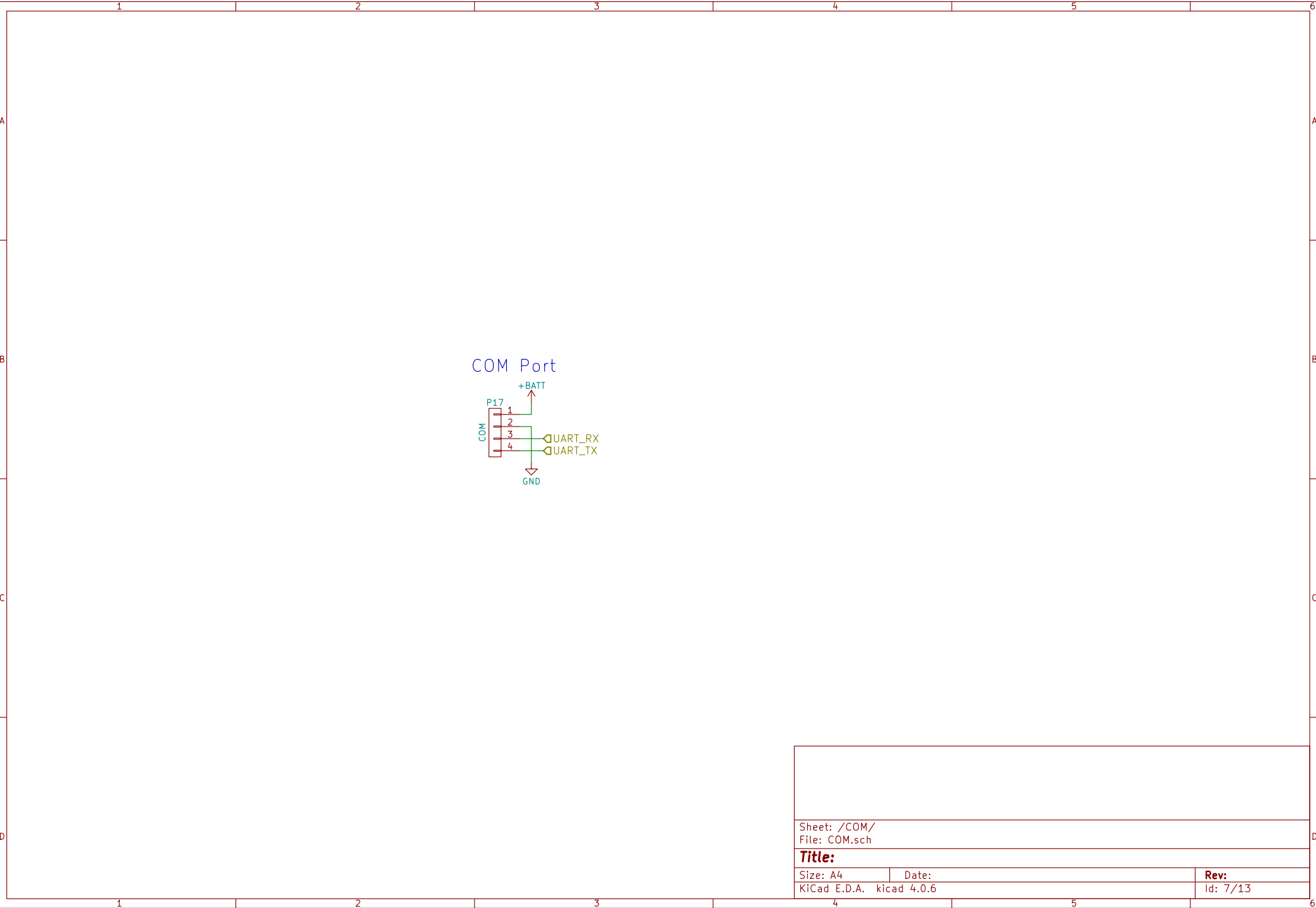
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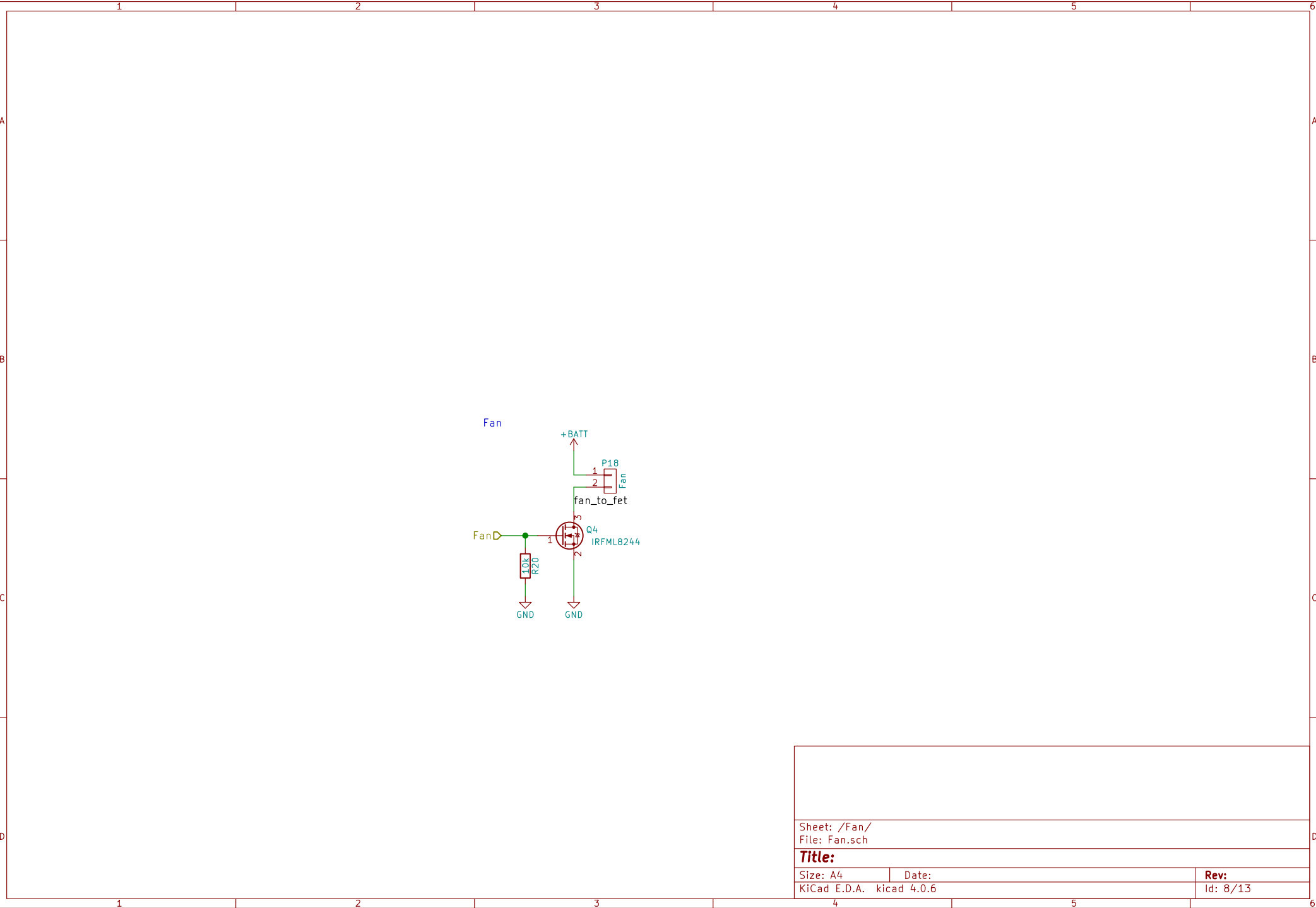
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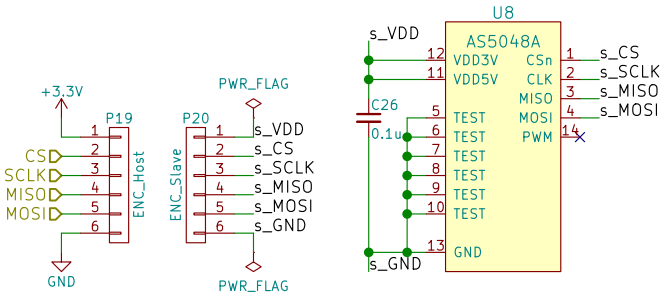
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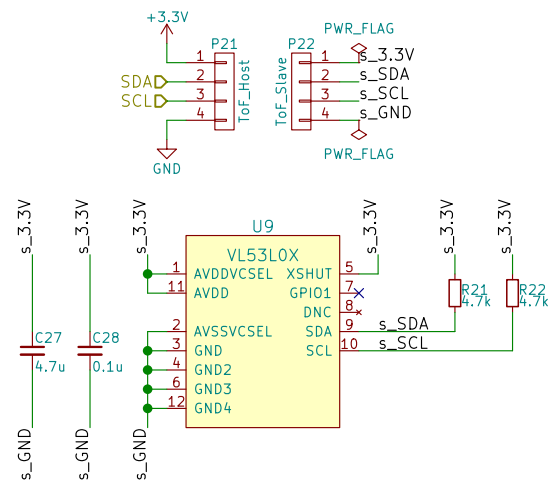
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ToF



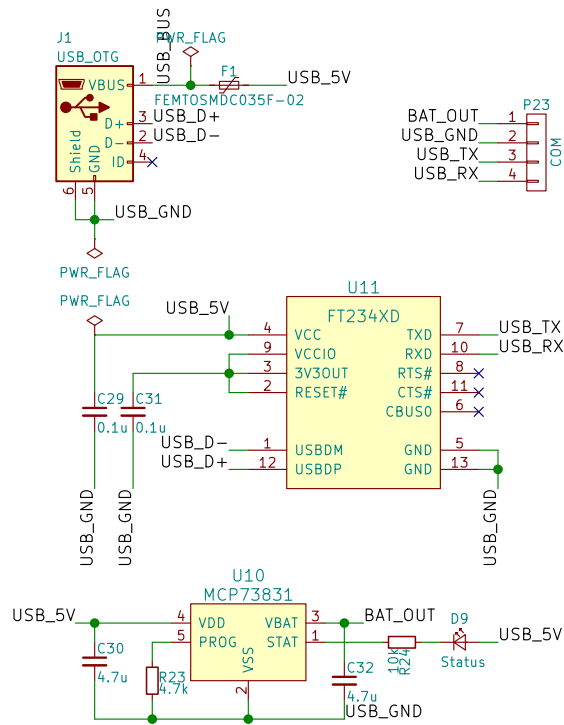
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Id: 10/13



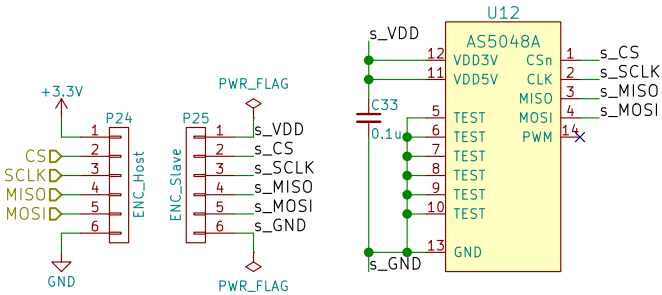
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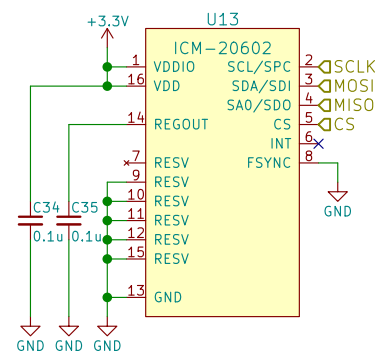
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AXIS Sensor



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