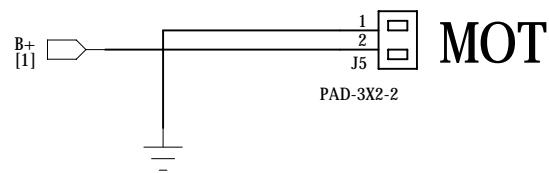
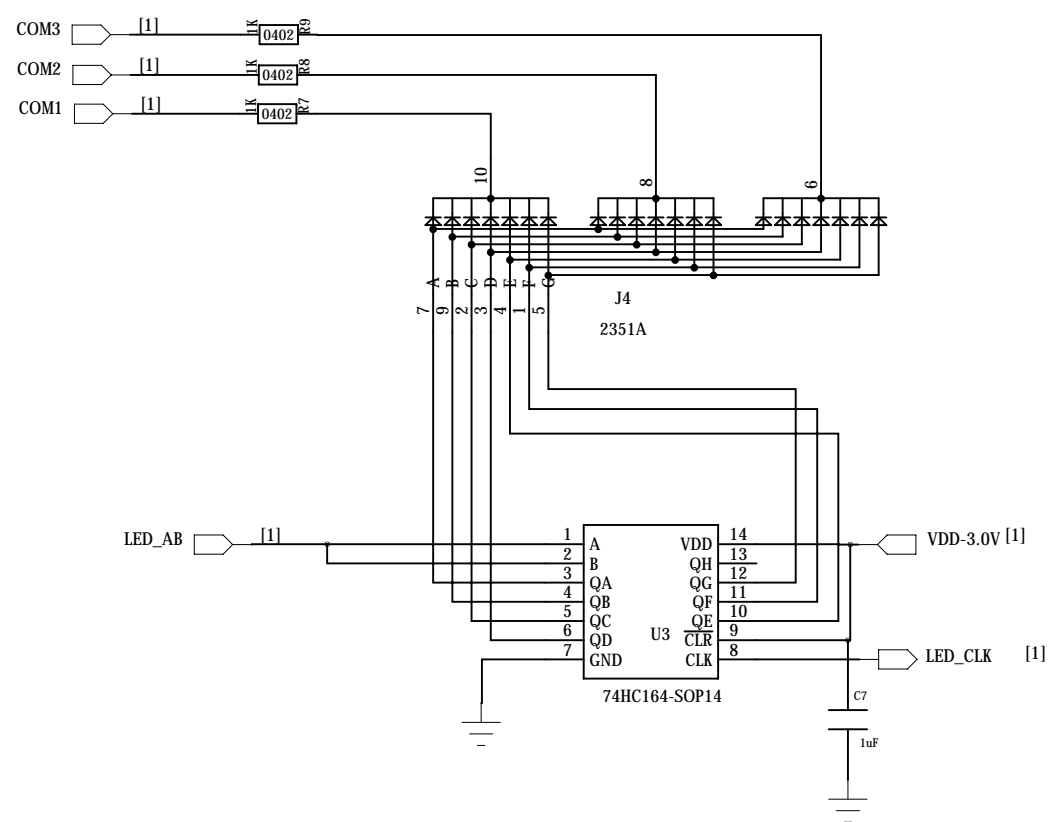
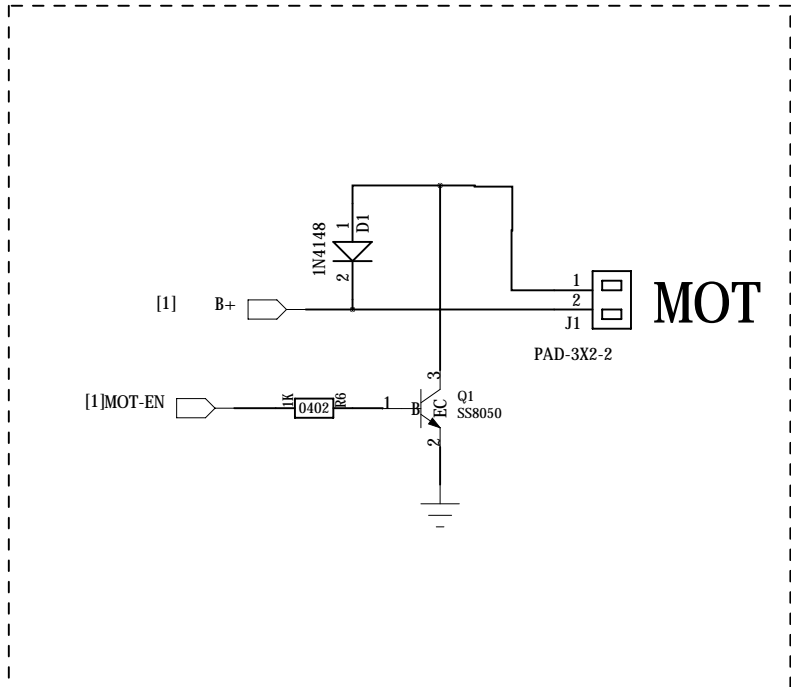
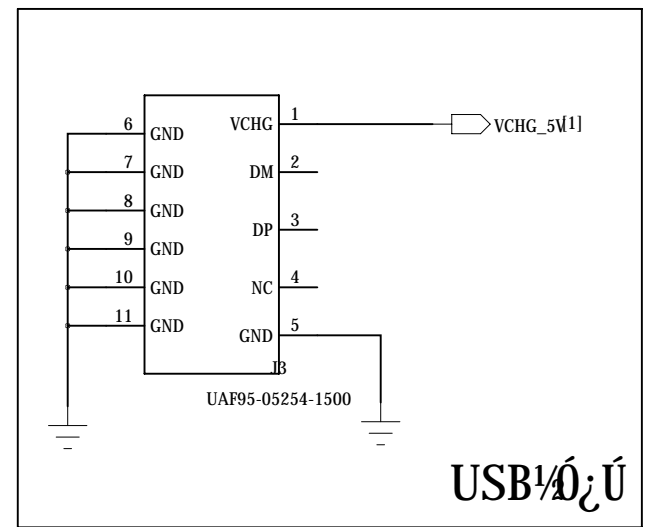
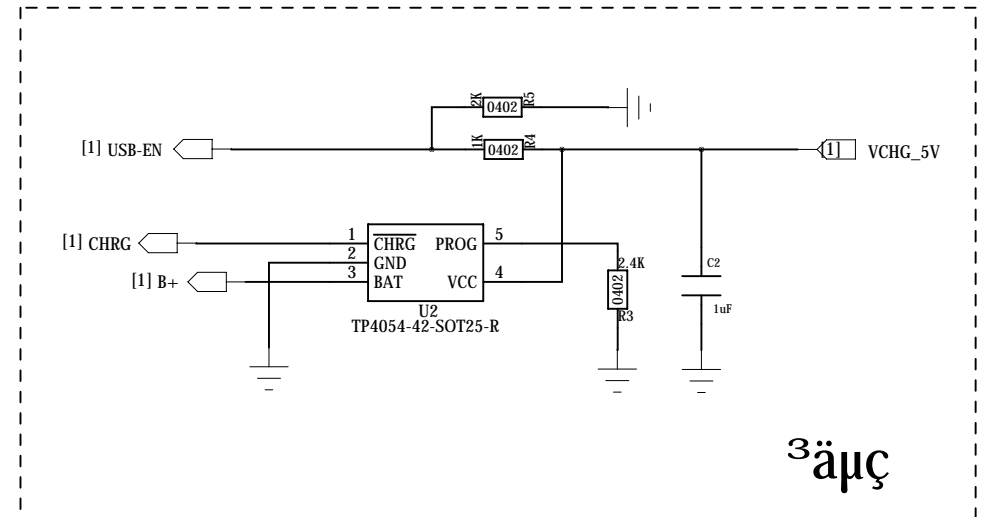
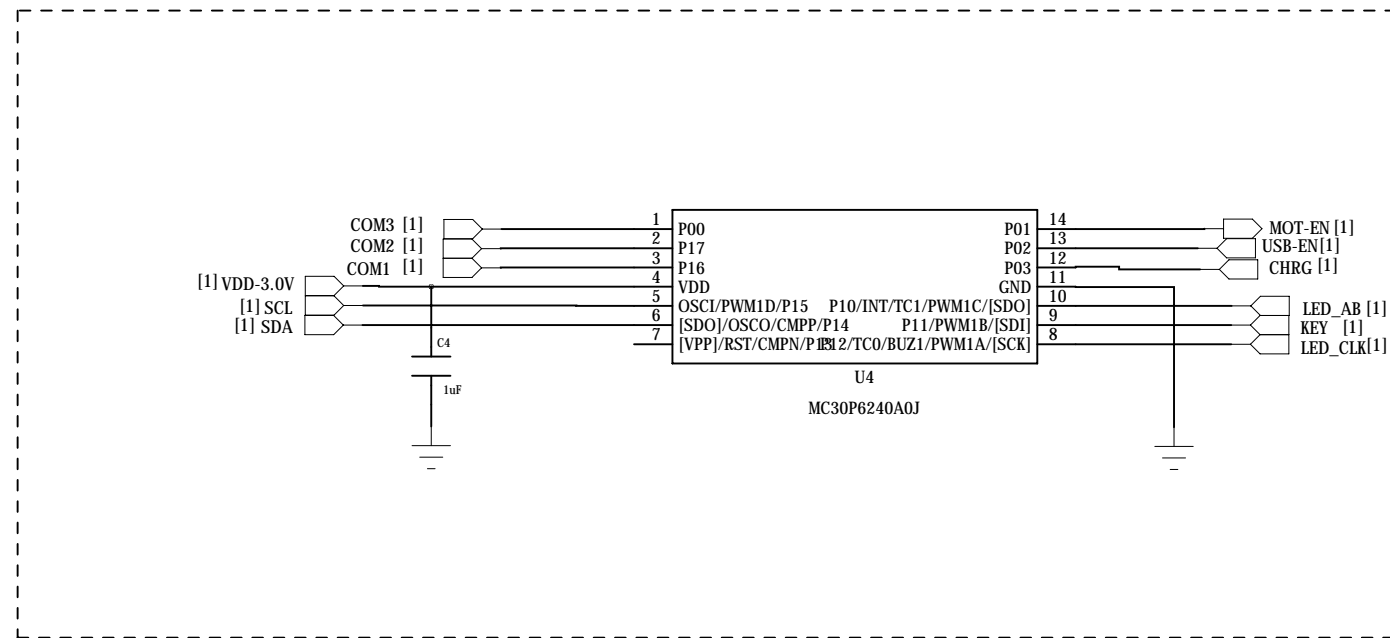
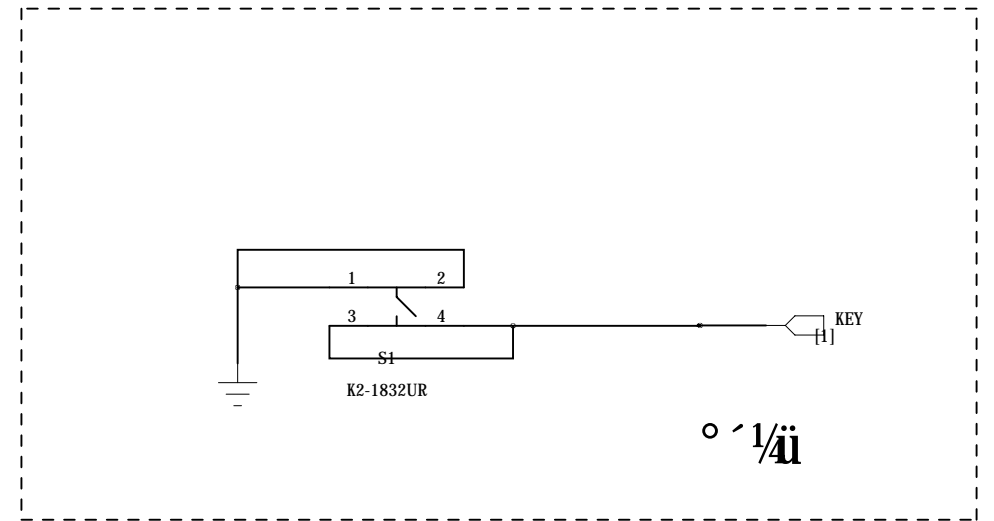
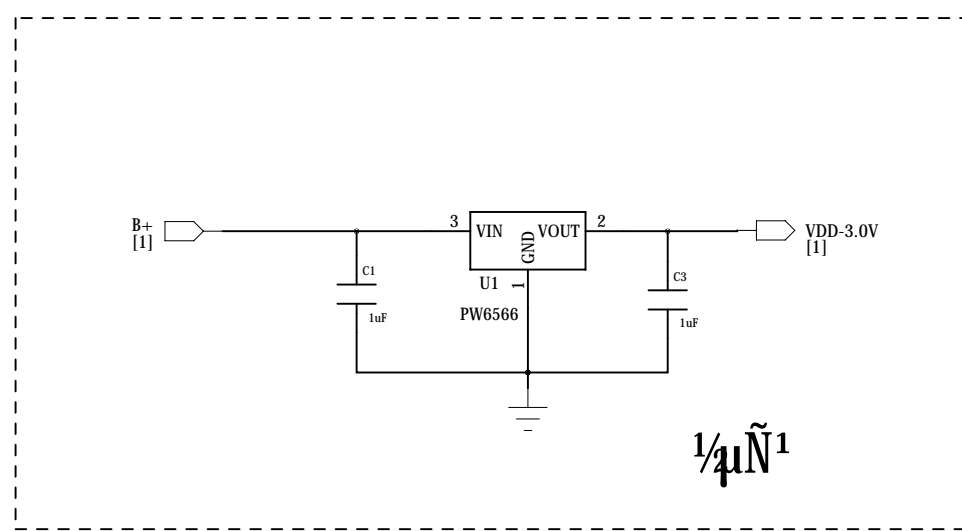


G-Sensor

The diagram illustrates the electrical connection of a G-Sensor module (KXTJ2-1009) to a system. The sensor is represented by a rectangular component with pins numbered 1 through 12. The connections are as follows:

- VDD-3.0V** (pin 10) and **VDD** (pin 7) are connected to a common 3.0V supply line.
- SCL** (pin 12) and **IOVDD** (pin 3) are connected to a common supply line, which is also connected to a **100Ω** pull-down resistor to ground.
- SDA** (pin 2) is connected to the SDA signal line.
- RES** (pin 4) is connected to ground.
- INT** (pin 5) is connected to ground.
- GND** (pins 9 and 8) are connected to ground.

Additional components shown include a **1uF** capacitor connected to the common 3.0V supply line and a **1uF** capacitor connected to the common supply line for SCL and IOVDD. The sensor is labeled **KXTJ2-1009** and **U5**.



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