

10.1 Layout Guidelines

The VM and VCC pins should be bypassed to GND using low-ESR ceramic bypass capacitors with a recommended value of 0.1 μF rated for the VM and VCC supplies. These capacitors should be placed as close to the VM and VCC pins as possible with a thick trace or ground plane connection to the device GND pin. In addition bulk capacitance is required on the VM pin.

10.2 Layout Example

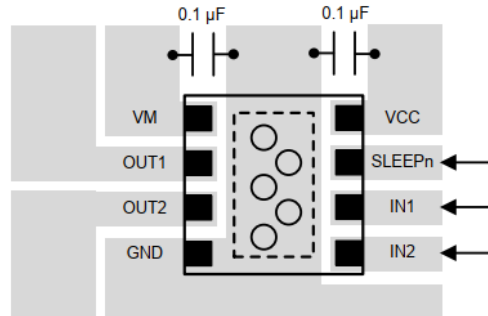
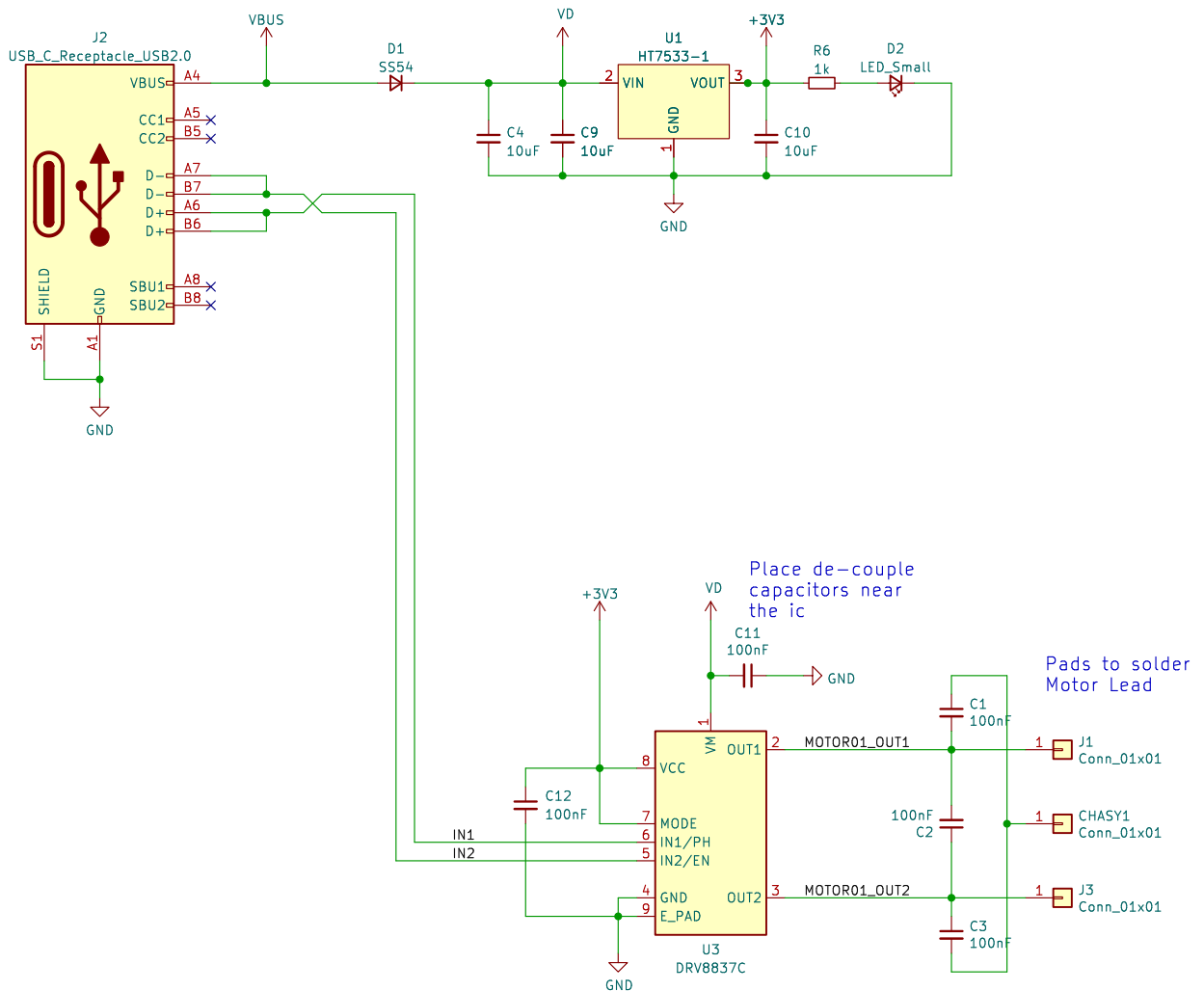


Figure 13. Simplified Layout Example



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Sheet: /

File: TT Smart Motor Adapter V2.0.kicad_sch

Title: **Robotmatics Gear Motor**

Size: A4

Date: 2024-05-18

KiCad E.D.A. kicad 7.0.9

Rev: **V0.3**

Id: 1/1