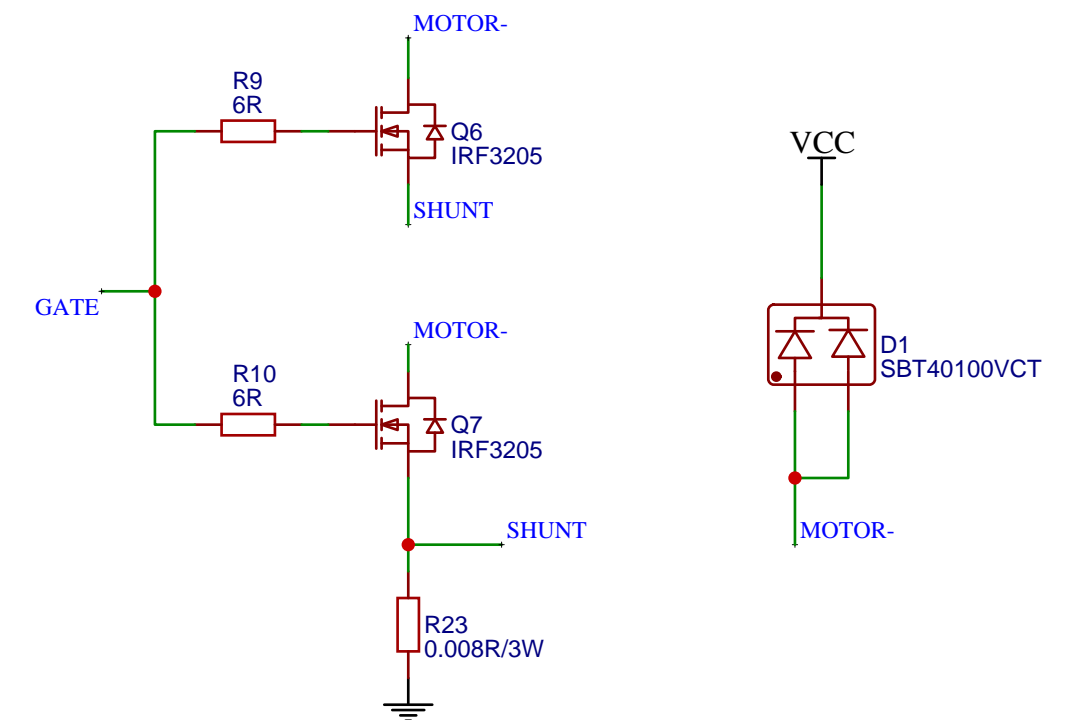
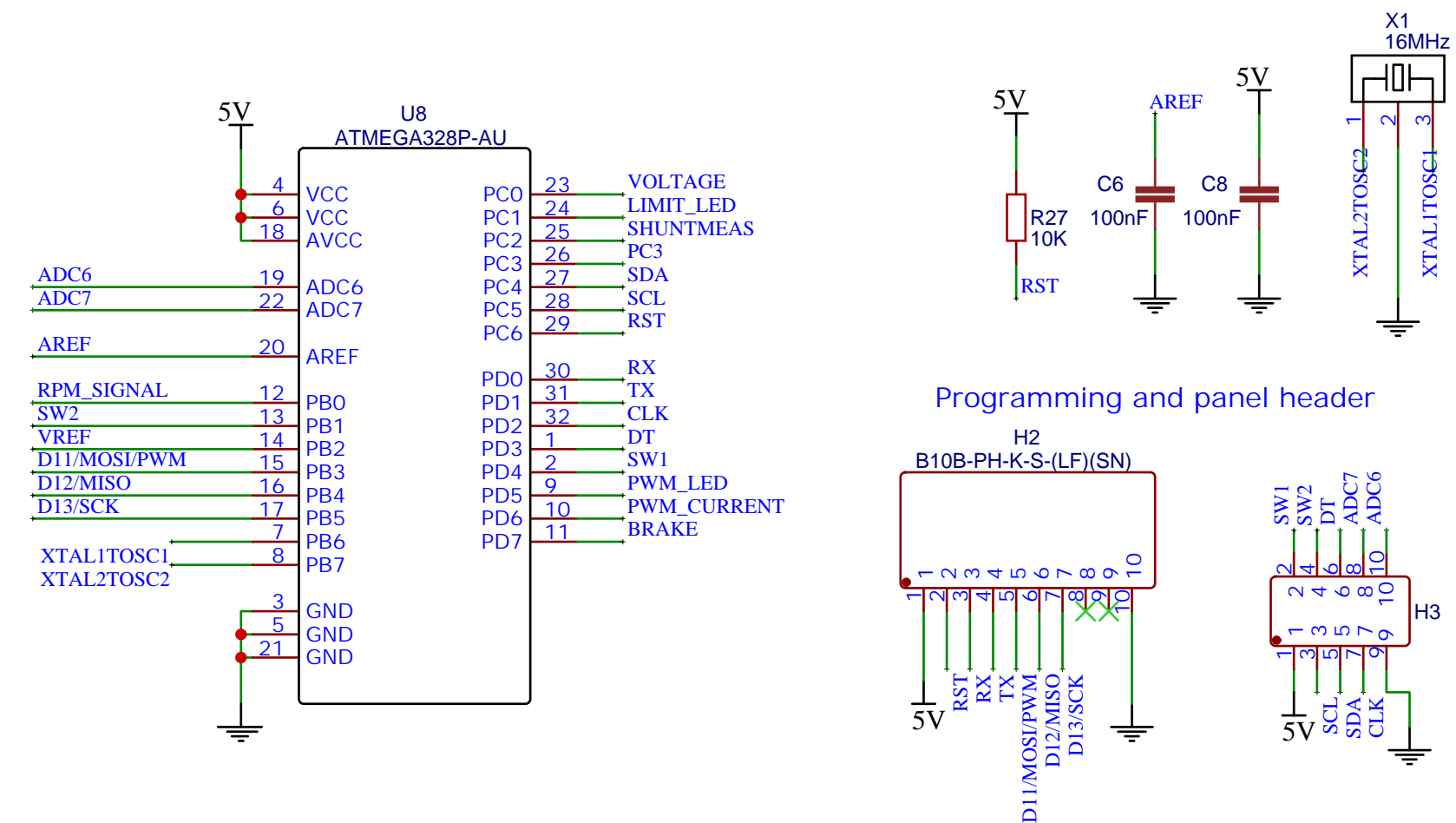


- 13.5(12)-40V, 20A
- Current limit sensing
- 10W LED driver
- Support for RPM measurement
- PID controller for constant RPM



The diagram shows a motor driver circuit. A green line labeled 'MOTOR' is connected to the main terminal of a BTA24 800 25A RMS 260A ~ 16ms triac (Q2). The other main terminal of the triac is connected to ground. The gate of the triac is connected to the drain of a BSS138 MOSFET (Q3). The MOSFET's source is connected to ground, and its gate is connected to a green line labeled 'BRAKE'. A resistor R5 (100R) is connected between the triac's gate and the MOSFET's drain. A resistor R8 (1R/5W) is connected between VCC and the triac's gate. A resistor R6 (10K) is connected between the 'BRAKE' line and the MOSFET's gate.

A circuit diagram showing a voltage divider. A vertical line represents the VCC supply. A green wire connects a point on this line to a node between two capacitors, C11 and C12. The other side of both capacitors is connected to ground. C11 is labeled 470uF and C12 is labeled 470uF/50V.



REV: 1.5

Sheet: 1/1

Date: 2019-10-08 Drawn By: sascha23095123423