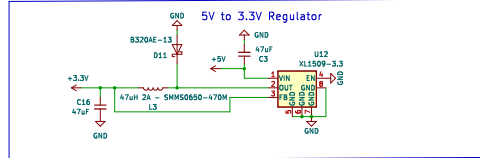


12V to 5V Regulator

[illegible]

The diagram shows a relay module with two relays, Q1 and Q2, and a microcontroller interface. The module is powered by a +3.3V supply and a GND. A microcontroller (MCU) is connected to the module via a 4-pin header. The MCU pins are labeled: SBU2 (top), GND (second), SBU1 (third), and GND (bottom). The relay module has two relays, Q1 and Q2, each with a coil and a switch. The coil of Q1 is connected to +3.3V through a 1K2 resistor (R23) and to GND through a 10K resistor (R24). The coil of Q2 is connected to +3.3V through a 1K2 resistor (R25) and to GND through a 10K resistor (R26). The switch of Q1 is connected to +5V and the switch of Q2 is connected to +5V. The switch of Q1 is labeled 'relay_SBU2' and the switch of Q2 is labeled 'relay_SBU1'. The microcontroller is labeled 'D5 PIS02CAN_215'.

