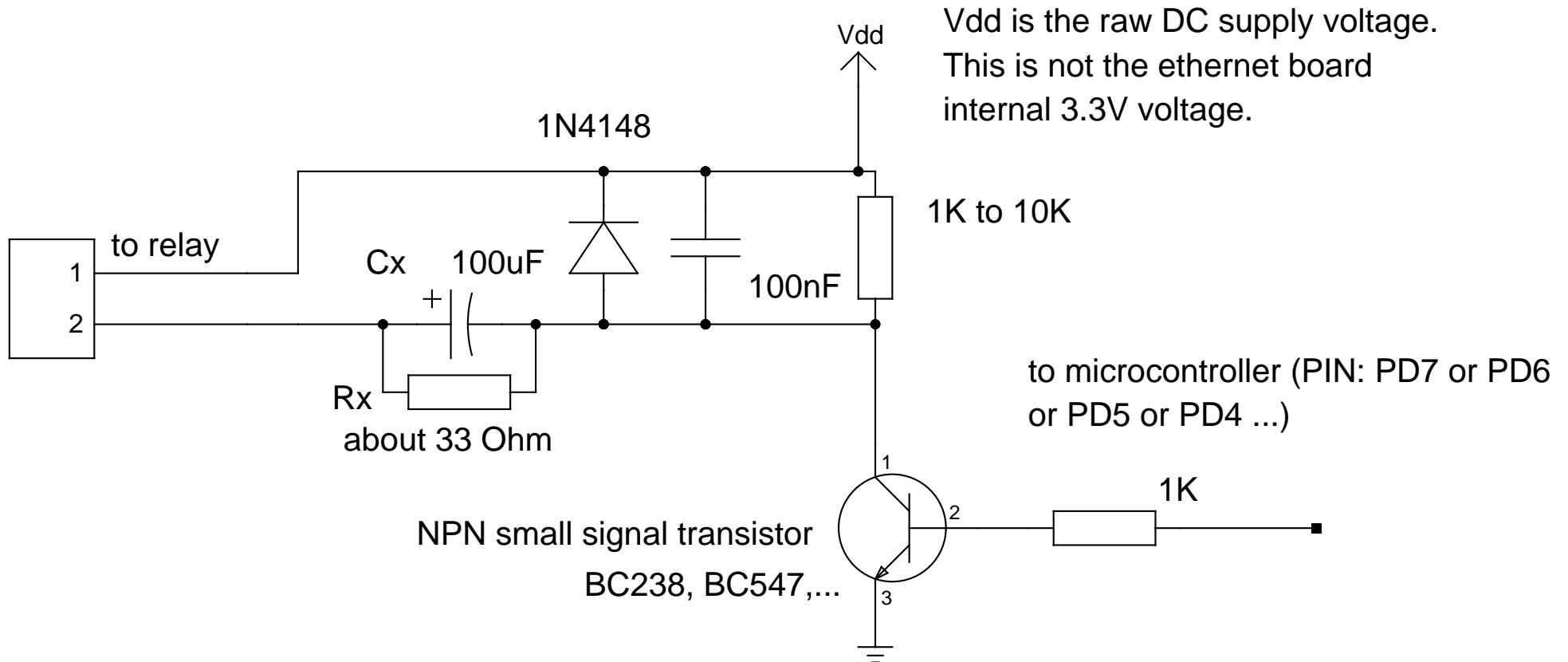


Driver stage for one relay



C_x and R_x are optional. They reduce the power consumption of the relay by a few milliampere. The exact value of R_x depends on the type of relay. Common values are 22–68 Ohm. This circuit works because relays need a higher current when they switch and the current can be reduced when the contact just needs to be held.

Please keep the relay physically separated from the ethernet board [at least 1inch, 2.5cm] as it could cause electromagnetic interference.