$+V_{CC}$

Relay Coil   Flyback Diode
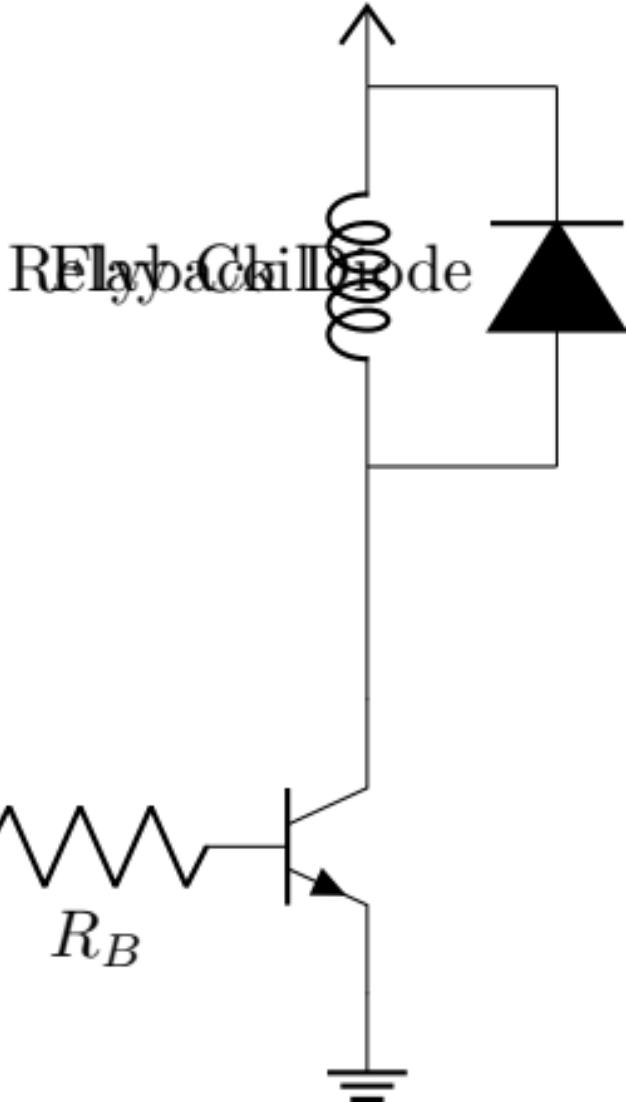
Input Logic R_B