



The diode provides at least 0.5V voltage drop so that the 5.5V MCU can be safely powered from a 6V RC system.
Do not use a Schottky diode!

The output MOSFET is connected to RSTOUT_LOW on the MCU, which needs to be programmed with the ISP tool to be low after reset. This way the load stays off when the MCU is starting up.

STC15W104 version	
LANE Boys RC	
Sheet: /	
File: rc-simple-switch-stc.sch	
Title: RC Simple Switch	
Size: A4	Date: 2018-03-30
KiCad E.D.A. kicad 4.0.7-e2-637658ubuntu16.04.1	Rev: 1
Id: 1/1	