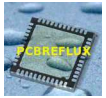

Latch Circuit

Requirements

- a switch can turn on the circuit (normally open or closed)
- the circuit should latch, i.e. stay on, until the ESP32 do its job
- the ESP32 should turn off the circuit
- the cuircuit should be battery powered
- should be able to switch more then 1A
- draw as low current as possible when off (<1µA)
- low voltage drop (<0,1V), i.e. low RdsOn

Latch Circuit

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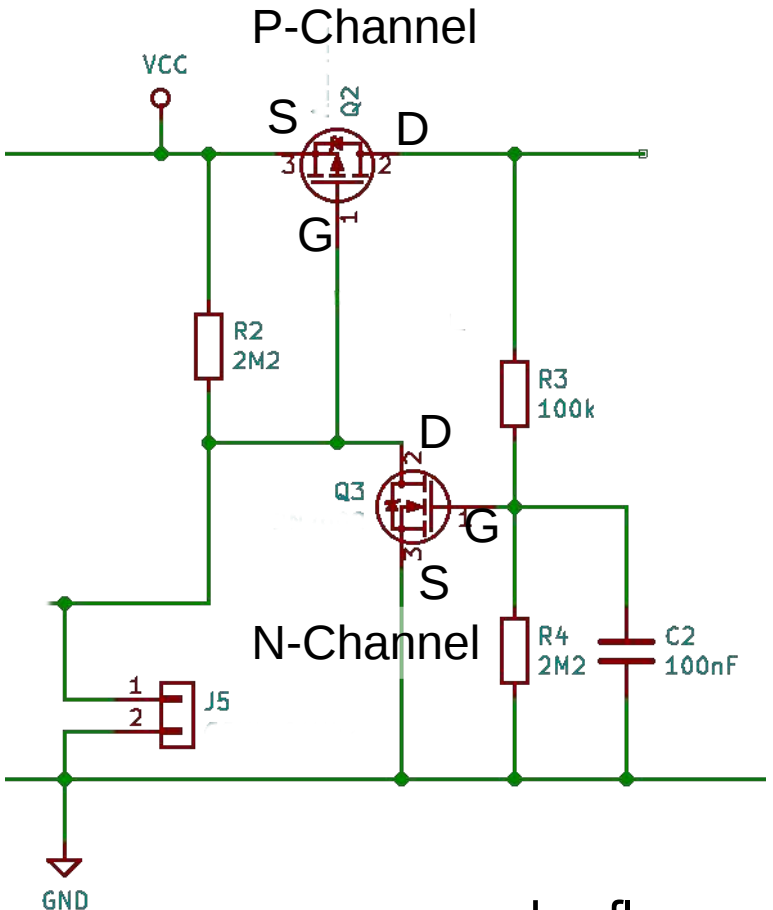
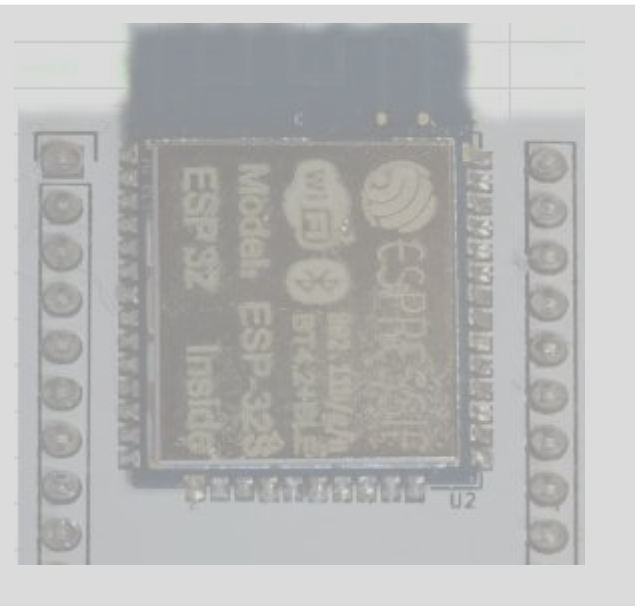
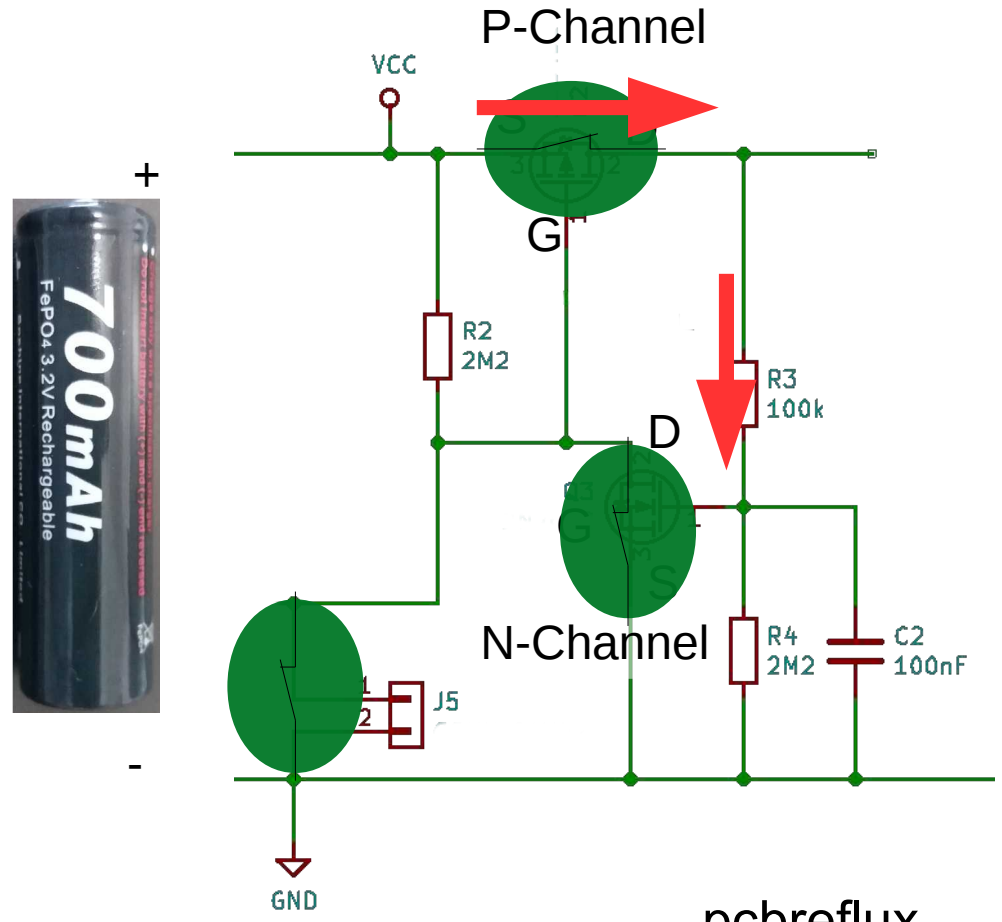


pcbreflux



sample configuration

Latch Circuit



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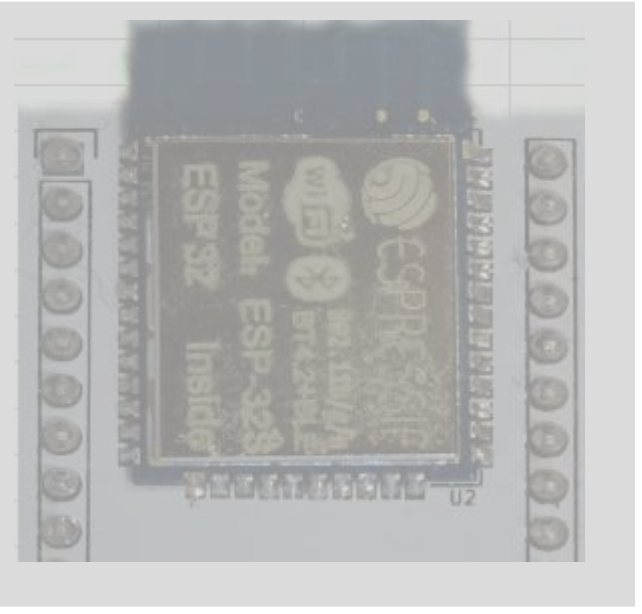
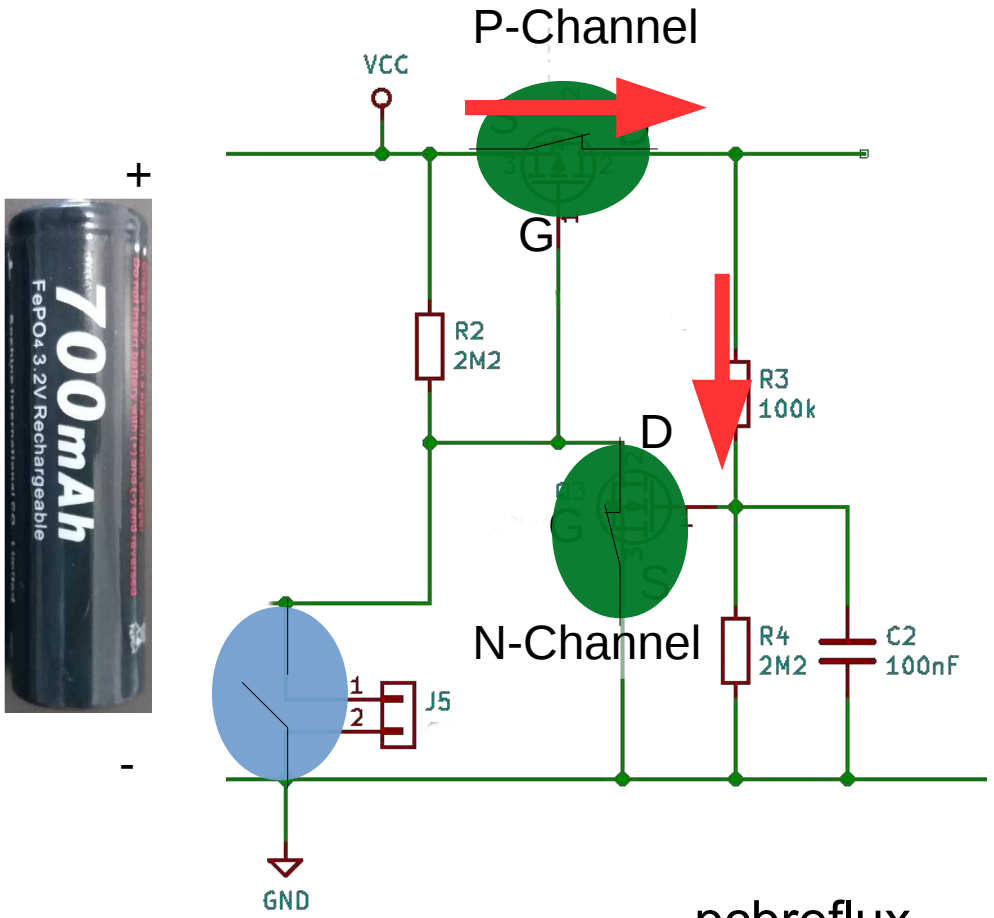
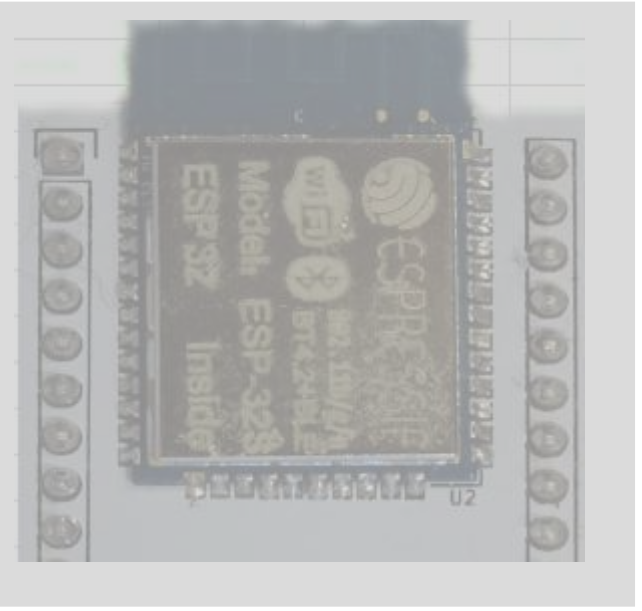


sample configuration

Latch Circuit

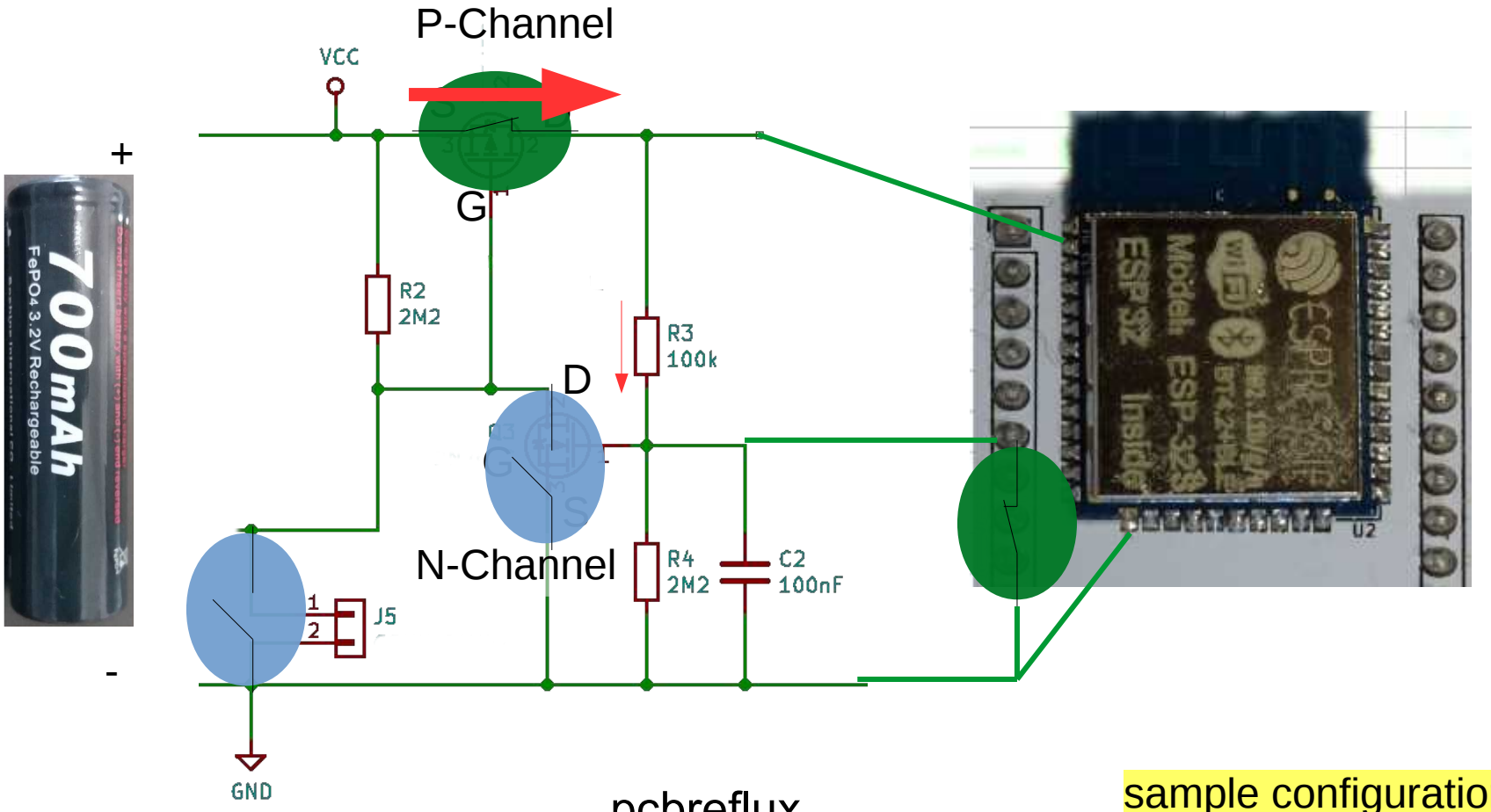




pcbreflux

sample configuration

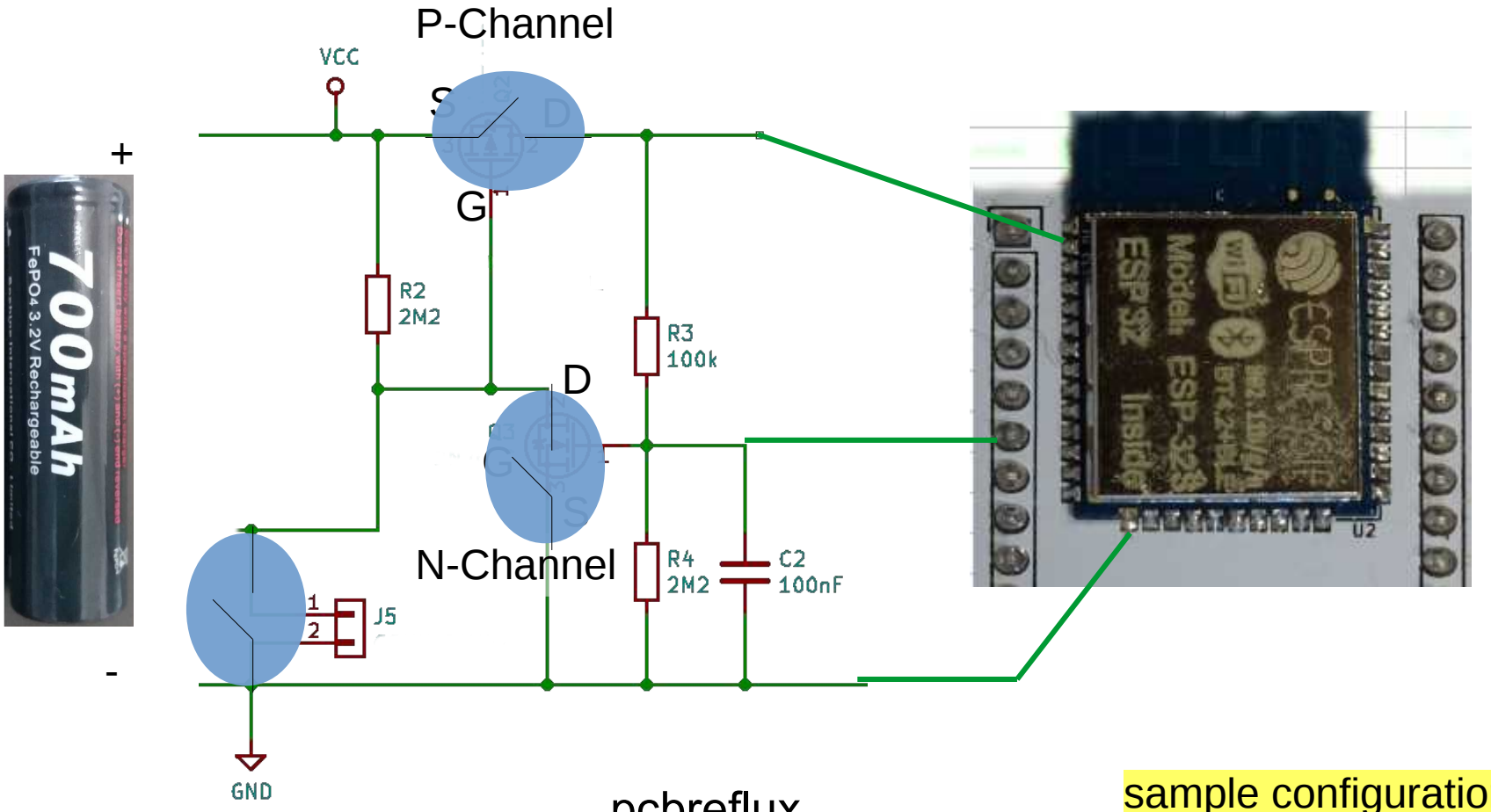
Latch Circuit



pcbreflux

sample configuration

Latch Circuit



pcbreflux

sample configuration