Wif

If PV > 28V

Turn ON the Circuit breaker

If PV < 28V

Turn OFF the Circuit breaker

MCU

External Circuit

Breaker

Bq24650

VCC

PV input

We will use P- channel MOSFET as external circuit breaker.

When PV >28V:

P Channel MOSFET gate is pulled high to disconnect PV volatge from Bq24650 VCC pin.

When PV <28V:

P Channel MOSFET gate is pulled low to connect PV volatge to Bq24650 VCC pin