

USB-C & ESD

USB2.0 MUX

3V3 LDO

BAT MEAS

BUS MEAS

BATTERY CHARGING & BOOST IC

DECOUPLING CAPACITORS

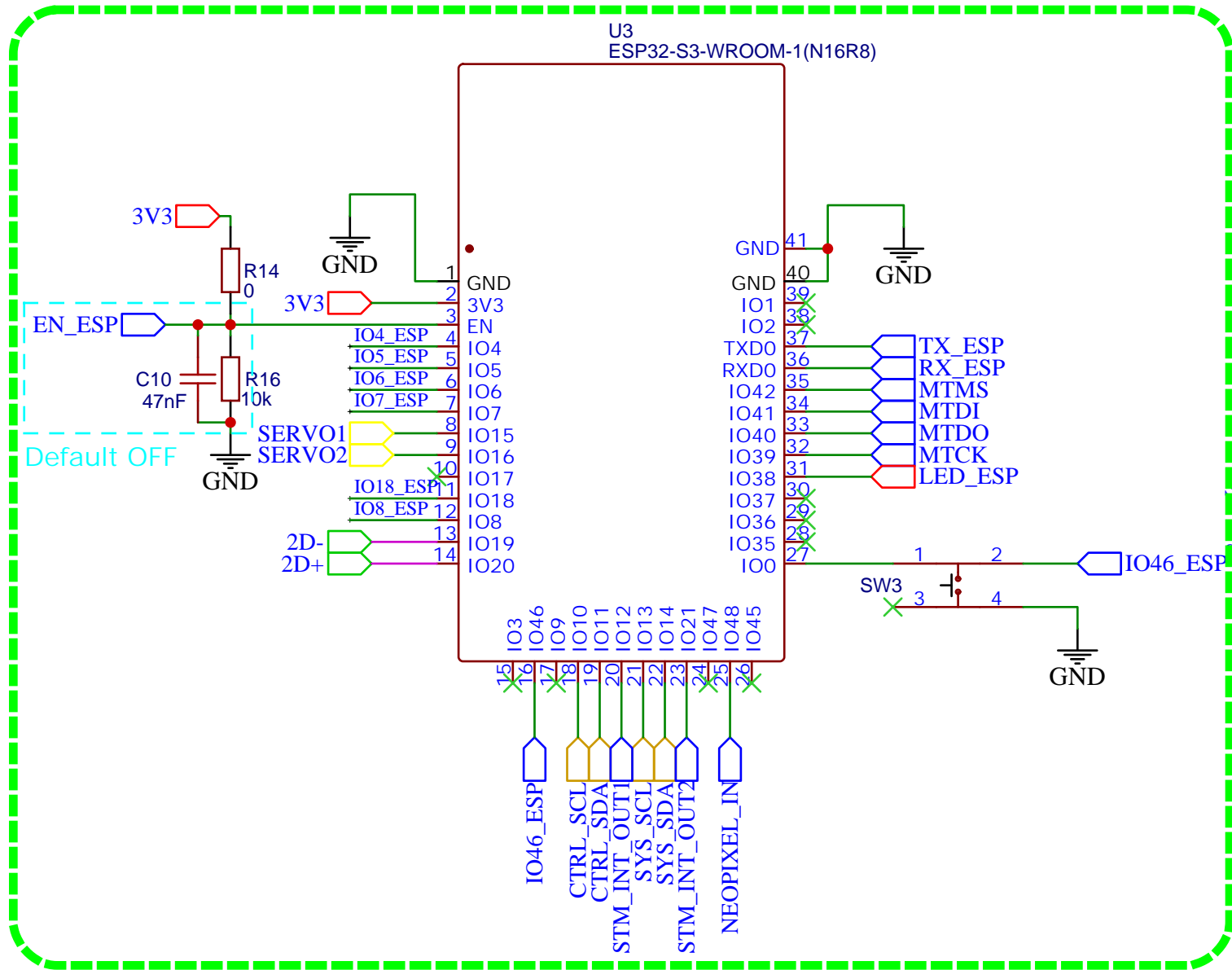
THERMISTOR

ON SWITCH

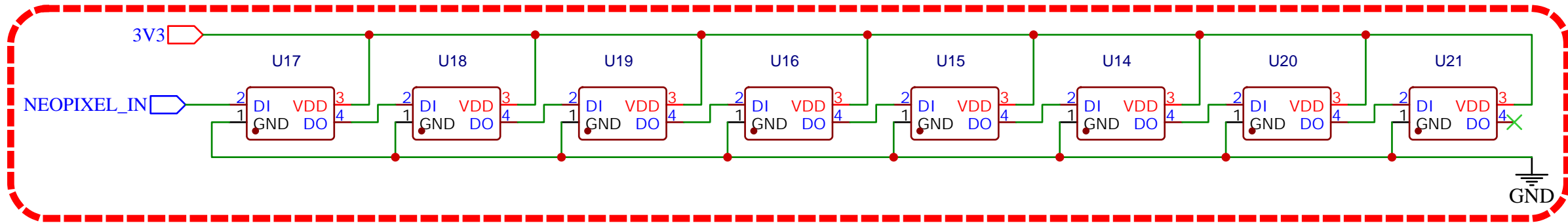
PULLDOWN

PULLUP

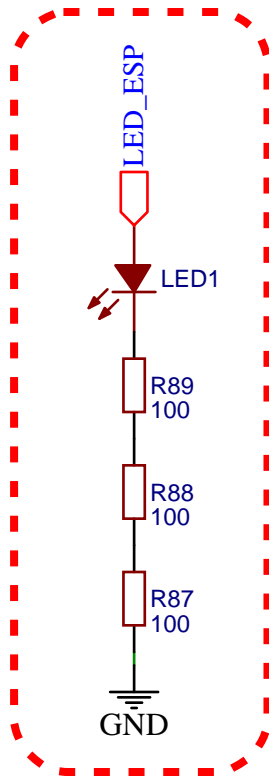
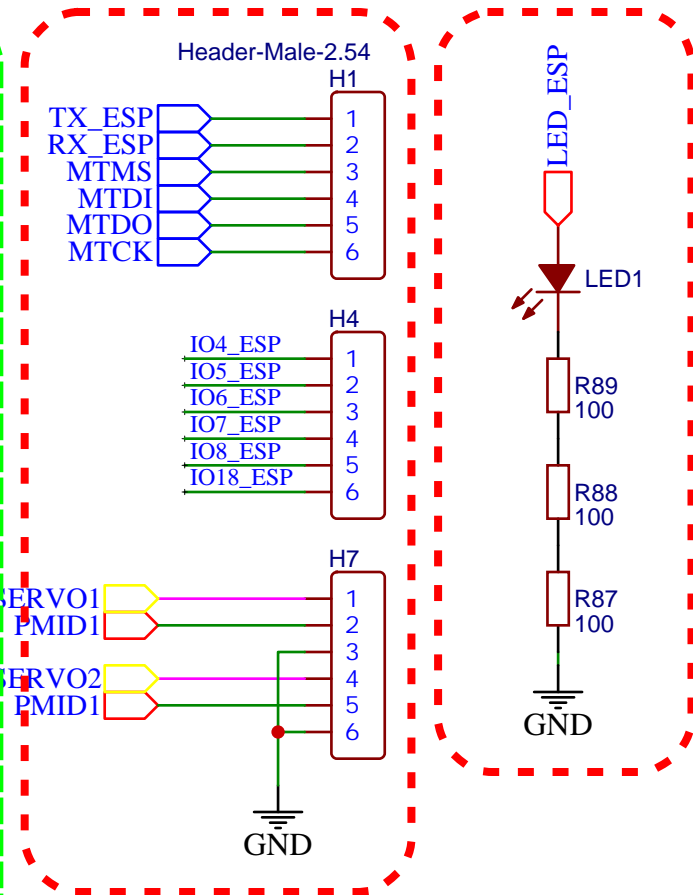
TITLE: Battery & USB power		REV: 1.0
Company: EPS@Ncl		Sheet: 1/1
Date: 2023-09-04		Drawn By: jhsp



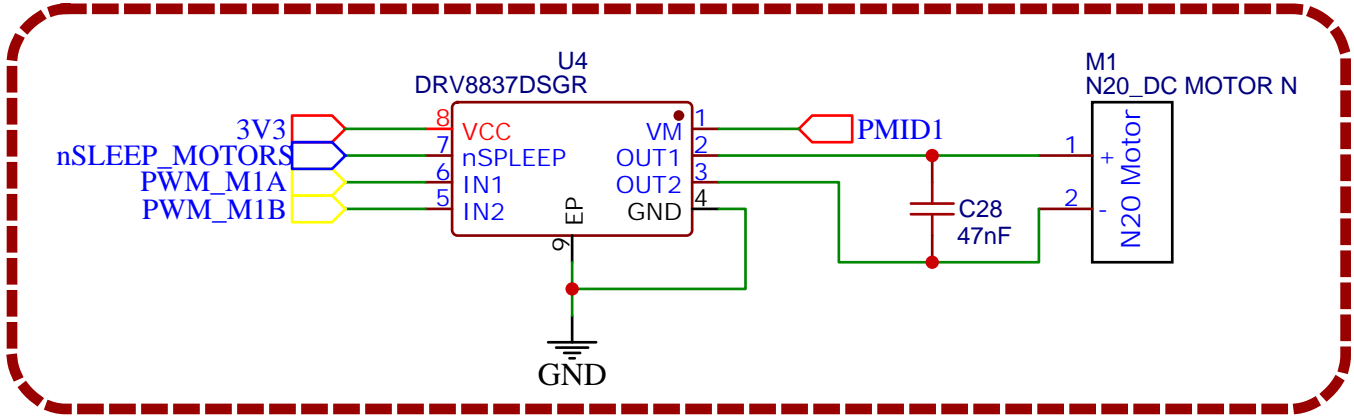
DEFAULT PROCESSOR/OFF-BOARD CONNECTIVITY



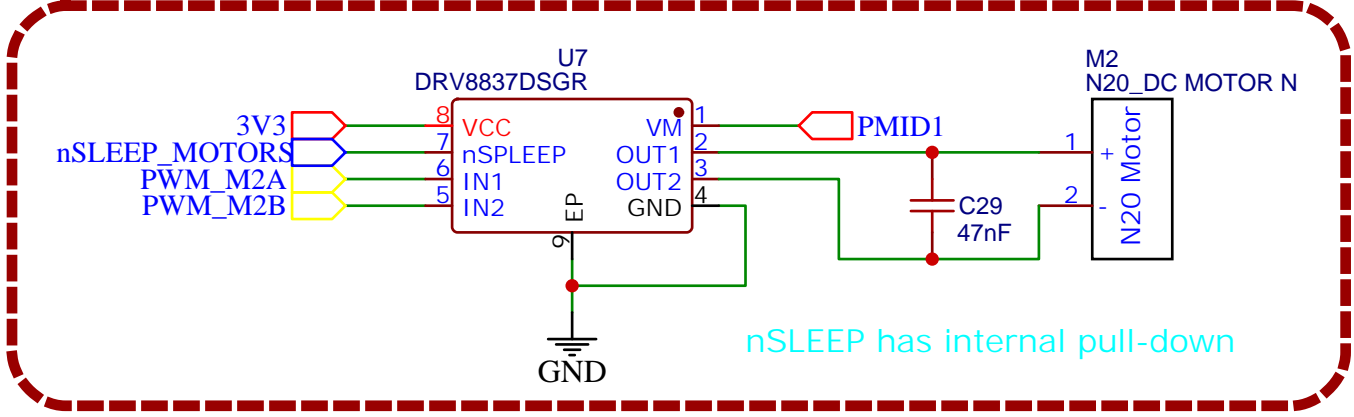
NEOPIXEL ARRAY



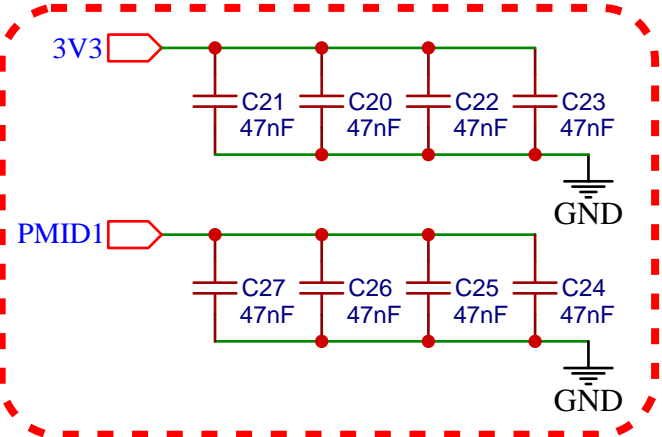
TITLE: ESP32-S3 Module		REV: 1.0
Company: EPS@Ncl		Sheet: 1/1
Date: 2023-09-05		Drawn By: jhsp



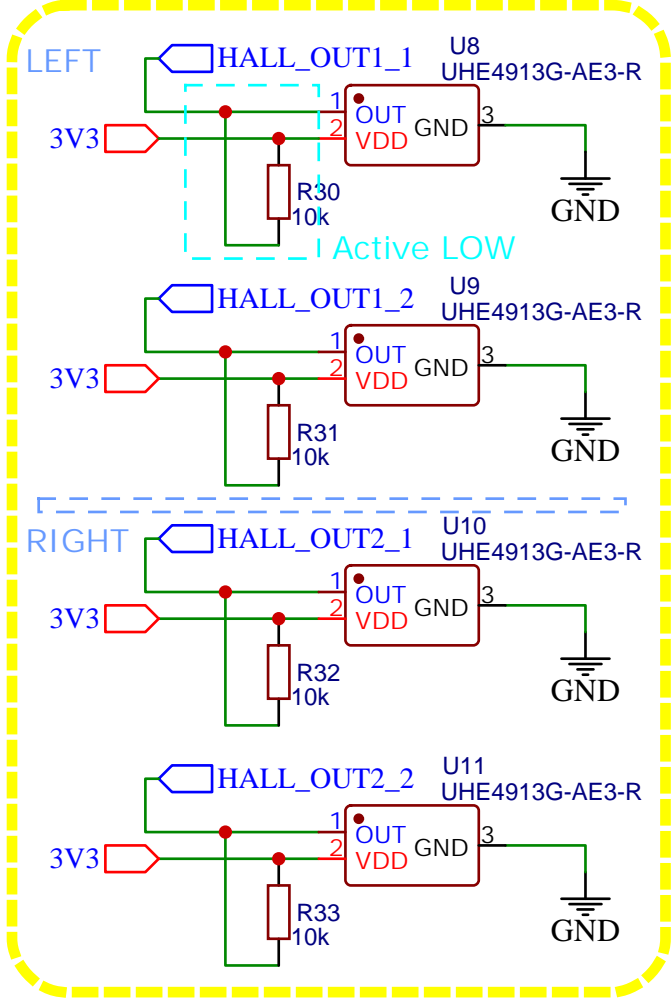
LEFT MOTOR H-BRIDGE



RIGHT MOTOR H-BRIDGE



DECOUPLING



HALL EFFECT SENSORS

TITLE: Motors		REV: 1.0
	Company: EPS@Ncl	Sheet: 1/1
	Date: 2023-09-06	Drawn By: jhsp

