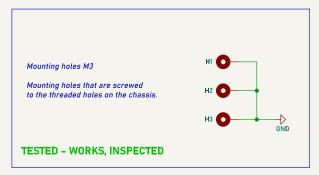


MOUNTING HOLES

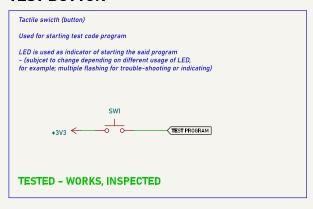


MAIN SWITCH

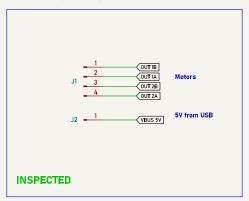


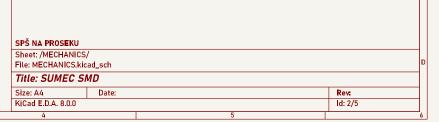
FOOTPRINT CREATED FROM 3D MODEL, INSPECTED

TEST BUTTON



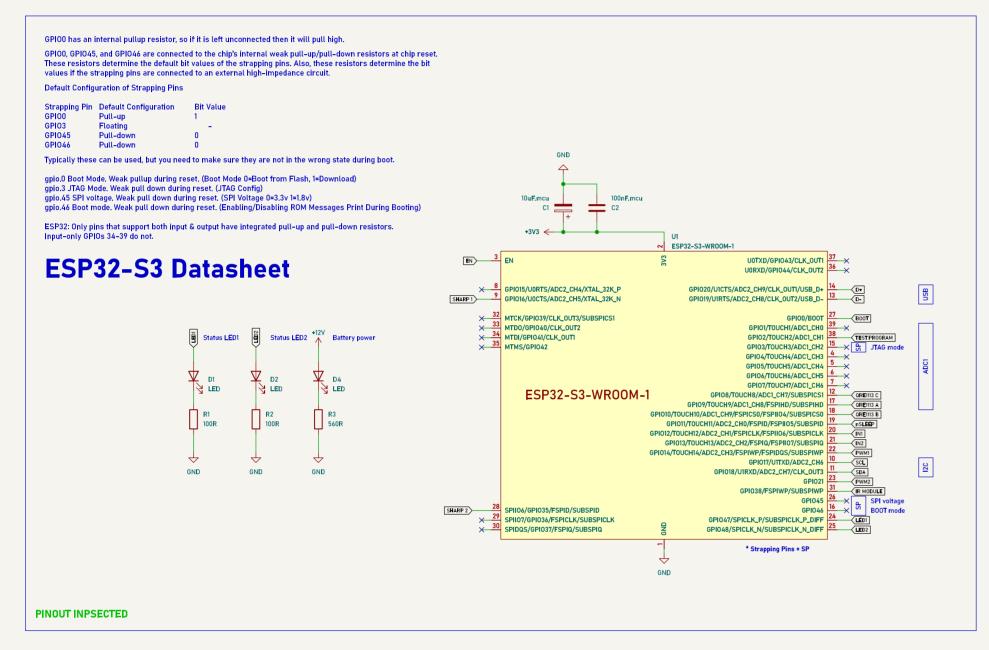
CONNECTORS



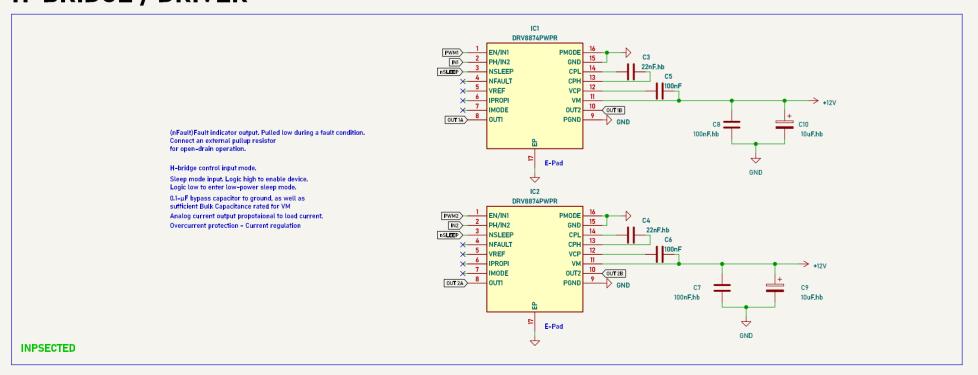




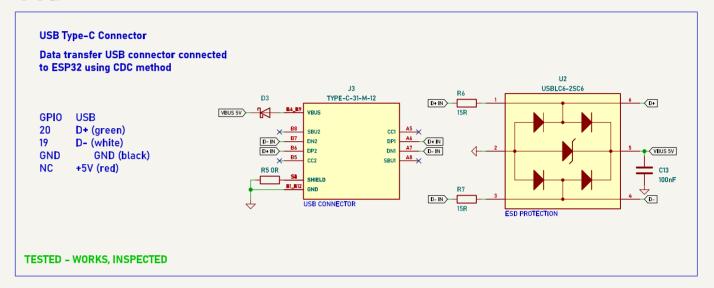
ESP32 - S3 - WROOM1



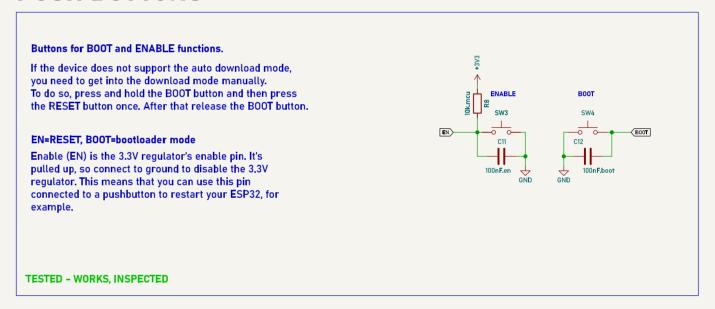
H-BRIDGE / DRIVER



USB



PUSH BUTTONS



 SPŠ NA PROSEKU

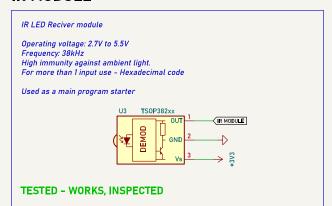
 Sheet: /MCU/File: MCU.klcad_sch

 Title: SUMEC SMD

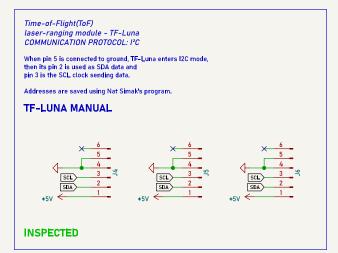
 Size: A2
 Date:
 Rev.

 KiCad E.D.A. 8.0.0
 Id: 3/5

IR MODULE



DISTANCE SENSORS





SENZORY ČÁRY

Miniature Reflective
Object Sensor - QRE1113

IR reflectance sensor is comprised of two parts - an IR emitting LED and an IR sensitive phototransistor.

Analog output
A 1000 resistor is placed in series with the LED to limit current. A 10k0 resistor pulls the output pin high, but when the light from the LED is reflected back onto the phototransistor the output will begin to go lower.

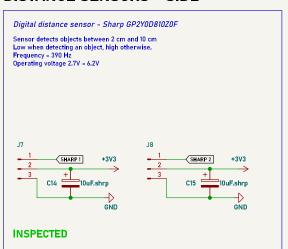
2 front sensors will be connected to the "QRE MiniBoard", rear sensor will be connected using the same connector.

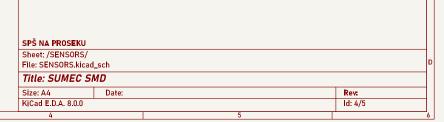
MIRRORED

JOHN SPECTED

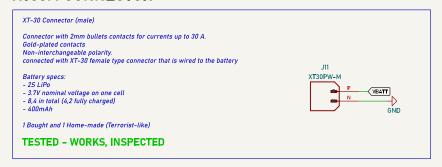
conn molex 4pin picoblade pro zadni QRE, 2 conn 1. pro predni board, a 2. pro samostatni gre.

DISTANCE SENSORS - SIDE

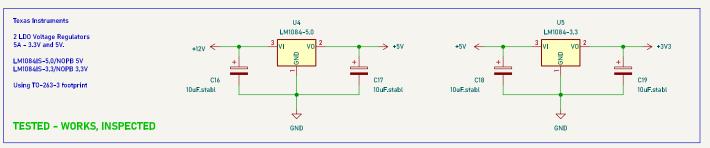




XT30M CONNECTOR



STABILISER



SPŠ NA PROSEKU	J			
Sheet: /POWER SUPPLY/ File: POWER SUPPLY.kicad_sch				0
Title: SUMEC	SMD			
Size: A4	Date:		Rev:	
KjCad E.D.A. 8.0.0			ld: 5/5	
4		5	<u> </u>	