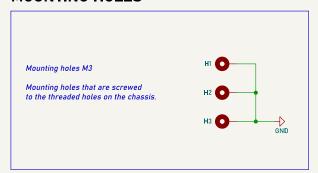
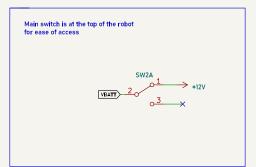


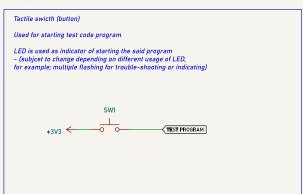
MOUNTING HOLES



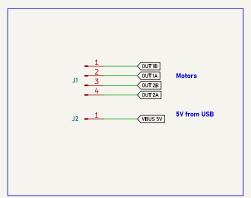
MAIN SWITCH



TEST BUTTON



CONNECTORS



SUMEC MK III aka SMD-V2 board

Made by bismarx-v1

CONTACT: Savva Popov, savva.popov.sp@gmail.com, +420 605 570 366

Made in Prague, Czech Republic

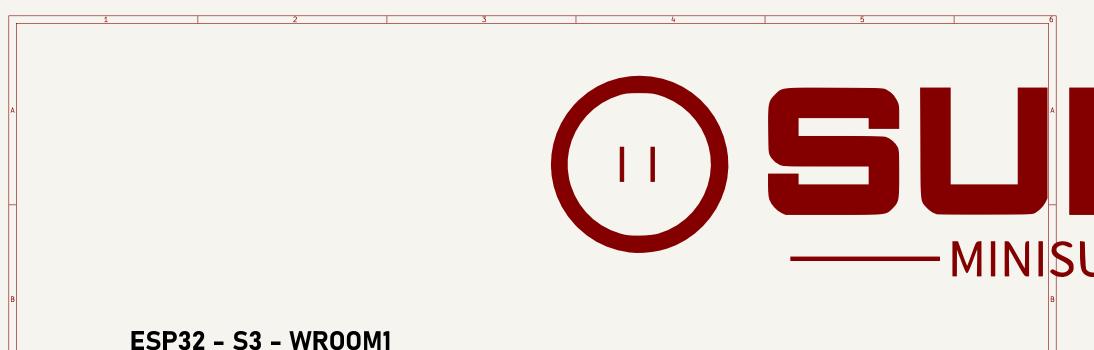
SPŠ NA PROSEKU

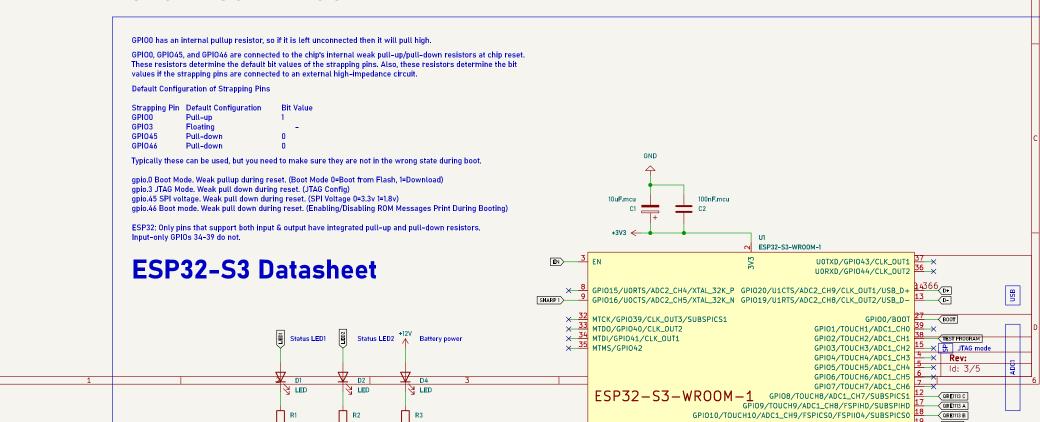
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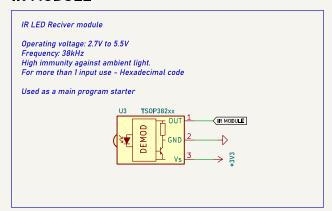
 Size: A4
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 Id: 2/5

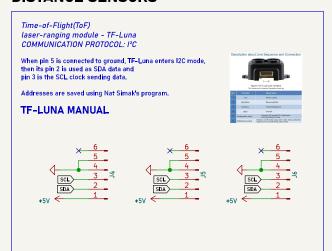




IR MODULE



DISTANCE SENSORS



SENZORY ČÁRY

Miniature Reflective Object Sensor - QRE1113

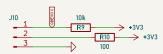
IR reflectance sensor is comprised of two parts - an IR emitting LED and an IR sensitive phototransistor.

Analog output

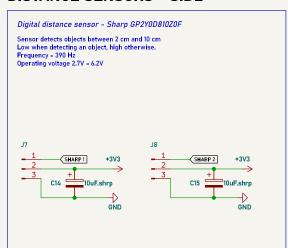
A 100 Ω resistor is placed in series with the LED to limit current. A 10 $k\Omega$ resistor pulls the output pin high, but when the light from the LED is reflected back onto the phototransistor the output will begin to go lower.

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





DISTANCE SENSORS - SIDE



SUMEC MK III aka SMD-V2 board Made by bismarx-v1 CONTACT: Savva Popov, savva.popov.sp@gmail.com, +420 605 570 366 Made in Prague, Czech Republic

SPŠ NA PROSEKU
Sheet: /SENSORS/

File: SENSORS.kicad_sch

Title: SUMEC_MK_III
Size: A4 Date:

 Size: A4
 Date:
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 Id: 4/5

XT30M CONNECTOR

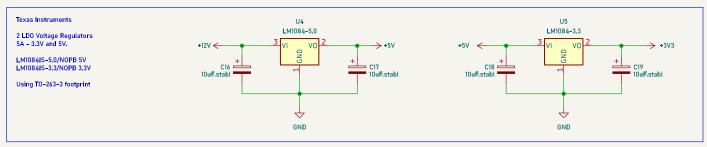
XT-30 Connector (male)

Connector with 2mm bullets contacts for currents up to 30 A.
Gold-plated contacts
Non-interchangeable polarity.
connected with XT-30 female type connector that is wired to the battery

Battery specs:
- 25 LiPo
- 3.7V nominal voltage on one cell
- 8,4 in total (4,2 fully charged)
- 400mAh

1 Bought and 1 Home-made (Terrorist-like)

STABILISER



SUMEC MK III aka SMD-V2 board

Made by bismarx-v1

CONTACT: Savva Popov, savva.popov.sp@gmail.com, +420 605 570 366

Made in Prague, Czech Republic

SPŠ NA PROSEKU

Sheet: /POWER SUPPLY/ File: POWER SUPPLY.kicad_sch

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