

P.A.P.R. Model-One

Coronavirus Makers PAPR Task Force TEAM

Sheet: /

File: Esquema v2.sch

Title: SYSTEM ARCHITECTURE

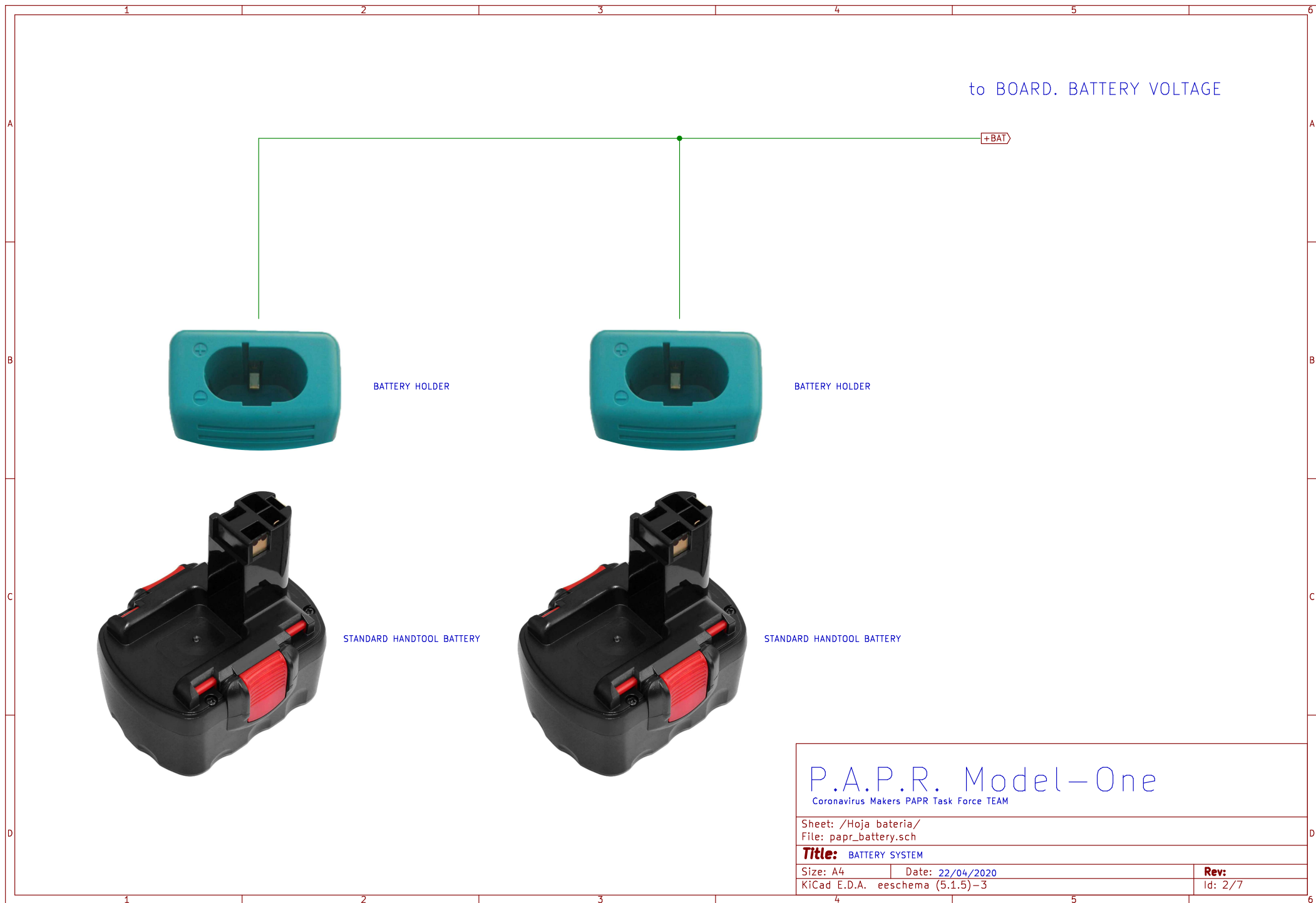
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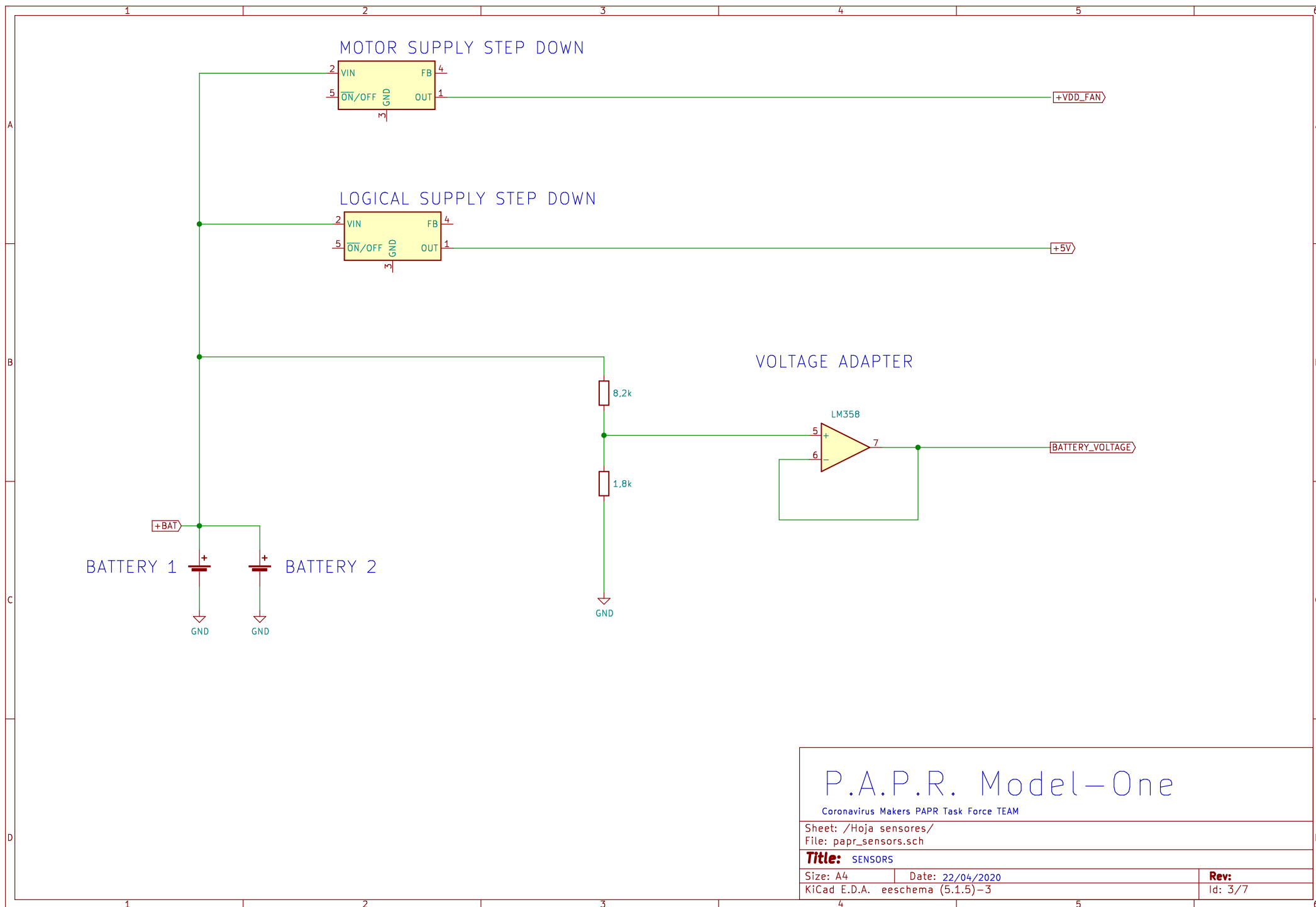
Date: 22/04/2020

KiCad E.D.A. eeschema (5.1.5)–3

Rev:

Id: 1/7





P.A.P.R. Model-One

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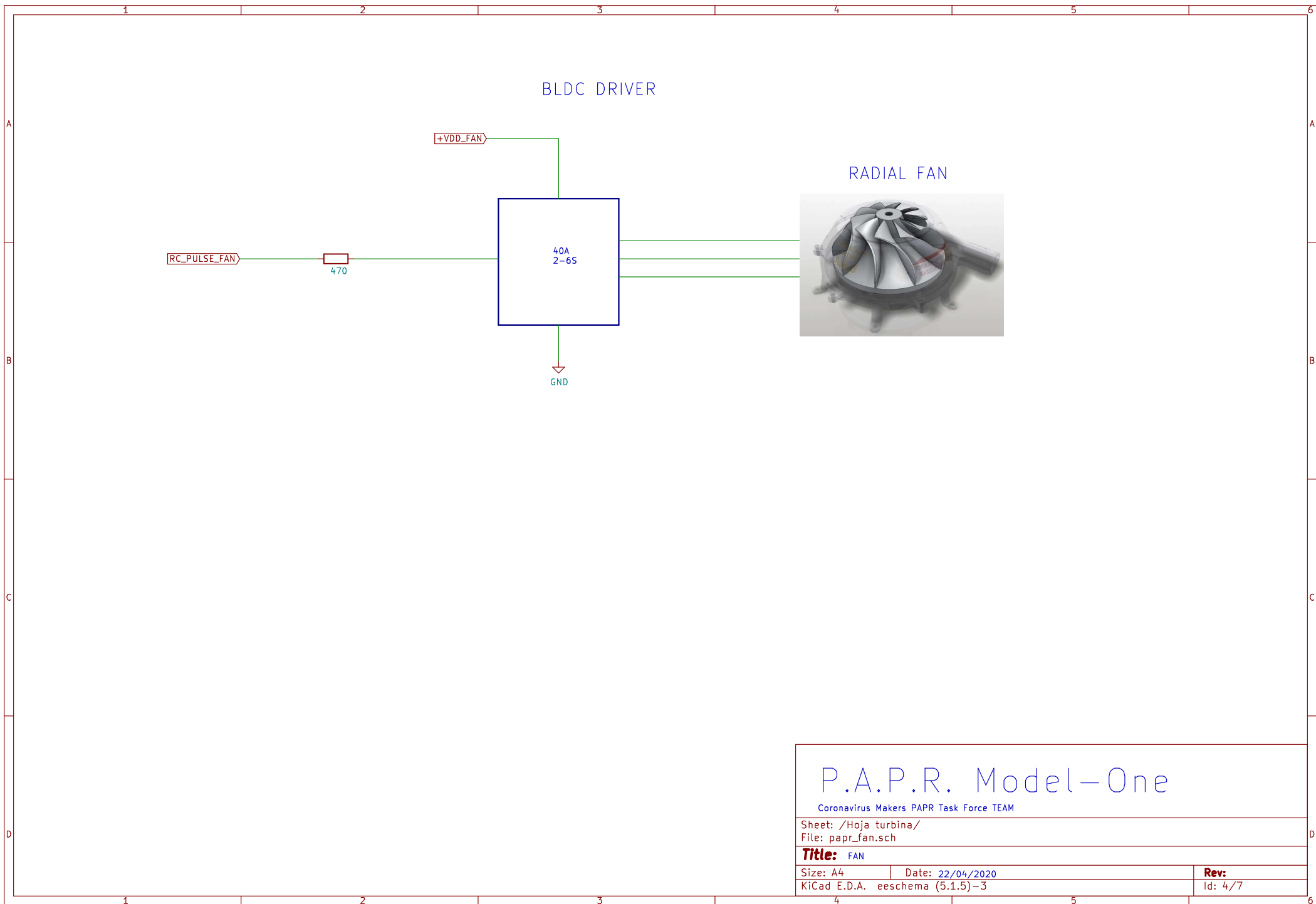
Sheet: /Hoja sensores/
File: papr_sensors.sch

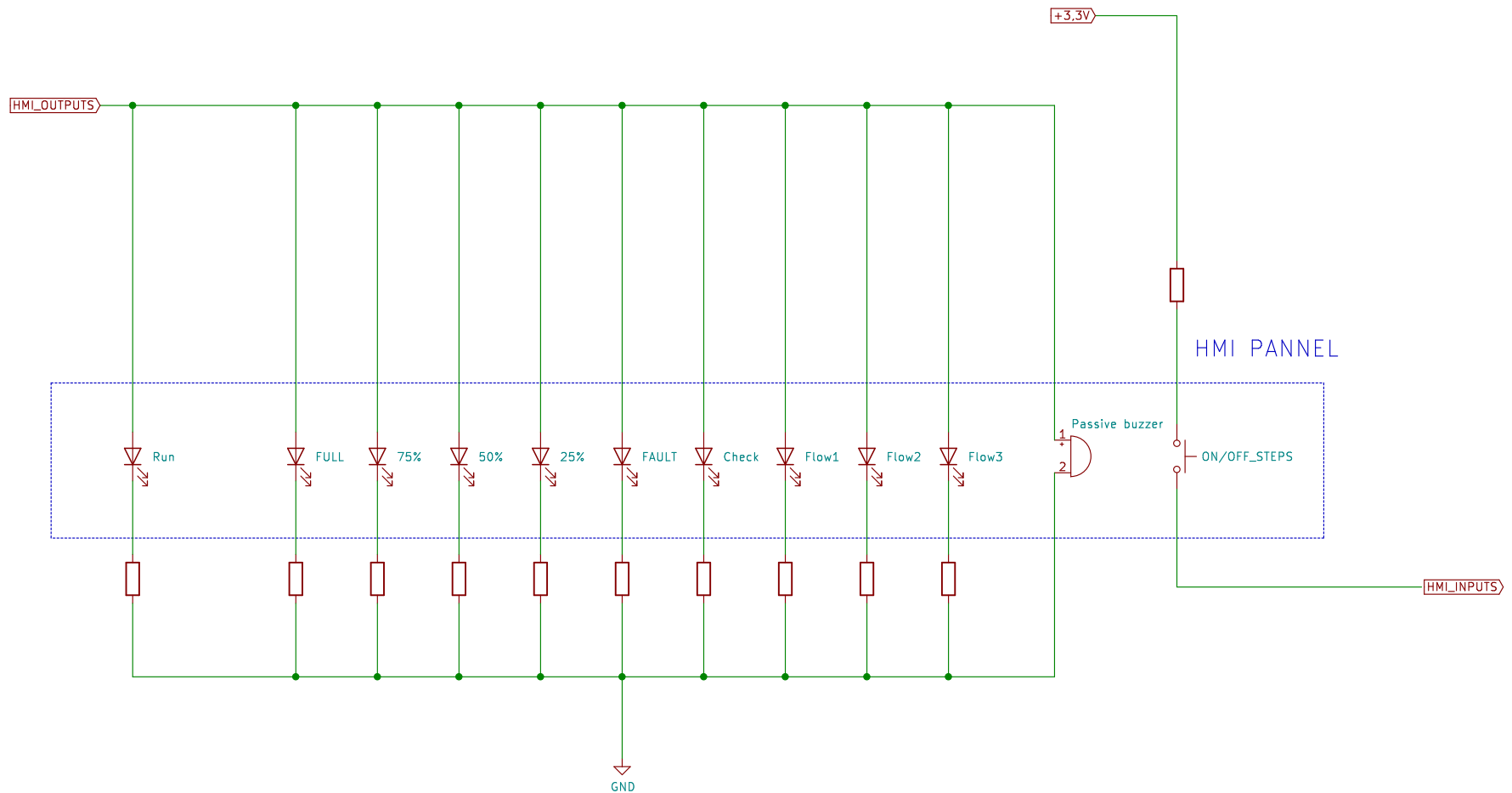
Title: SENSORS

Size: A4 Date: 22/04/2020

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Rev:
Id: 3/7





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Sheet: /Hoja HMI/
File: papr_hmi.sch

Title: HMI PANNEL

Size: A4 Date: 22/04/2020

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Rev:

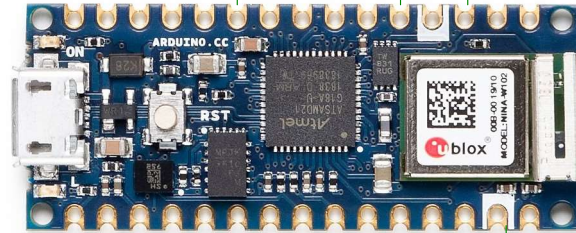
Id: 5/7

+5V

HMI_OUTPUTS

RC_PULSE_FAN

ARDUINO NANO IoT with BLE



+3.3V

BATTERY_LEVEL

PRESSURE_FLOW

HMI_INPUTS

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Sheet: /Hoja arduino/
File: papr_cpu.sch

Title: CPU

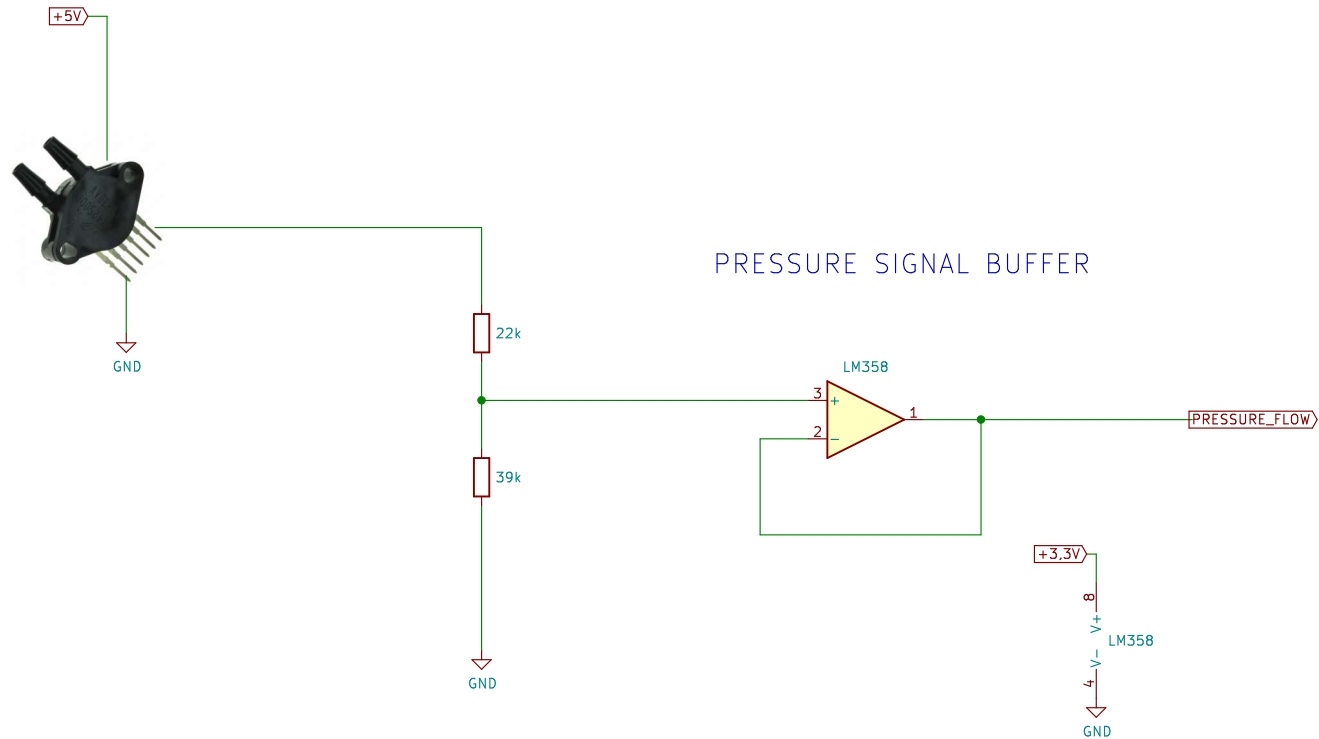
Size: A4 Date: 22/04/2020

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Rev:

Id: 6/7

DIFFERENTIAL PRESSURE SENSOR



PRESSURE SIGNAL BUFFER

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Sheet: /Sensor presion/
File: file5EA7FD66.sch

Title: PRESSURE SENSOR

Size: A4 Date: 22/04/2020

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Rev:
Id: 7/7