

File: IOHeader.sch



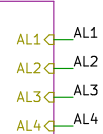
File: tank_sender.sch



File: PCB.sch



File: rpm_sender.sch



File: optocoupler_input.sch

This design is licensed under CC BY-SA 4.0.
To view a copy of this license, visit
<https://creativecommons.org/licenses/by-sa/4.0>

Hat Labs Ltd

Sheet: /
File: SH-ESP32-engine-hat.sch

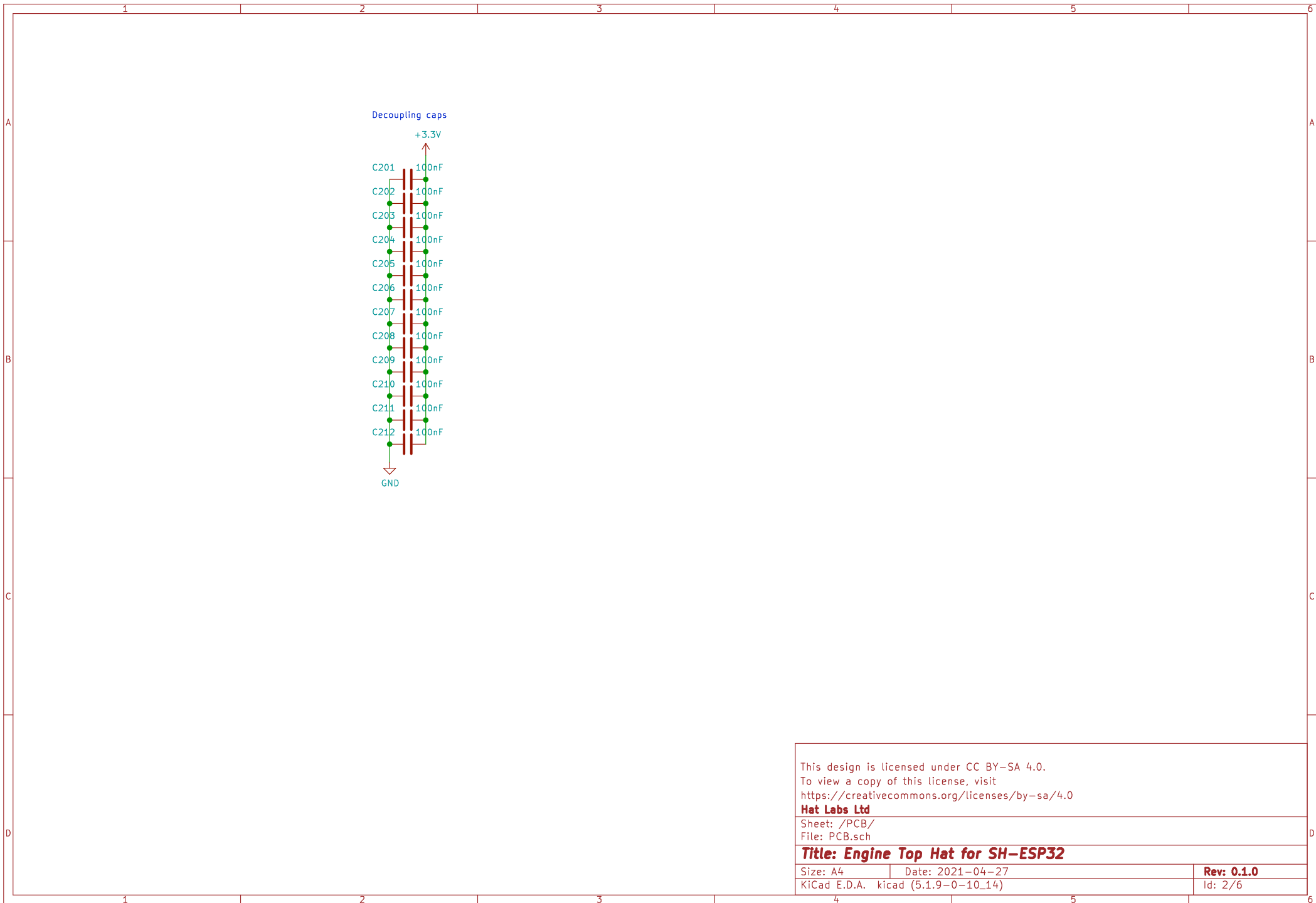
Title: Engine Top Hat for SH-ESP32

Size: A4	Date: 2021-04-27
----------	------------------

Size: A4	Date: 2021-04-21
KiCad E.D.A.	kicad (5.1.9-0-10_14)

Rev: 0.1.0

Id: 1/6



This design is licensed under CC BY-SA 4.0.
To view a copy of this license, visit
<https://creativecommons.org/licenses/by-sa/4.0>

Hat Labs Ltd

Sheet: /PCB/
File: PCB.sch

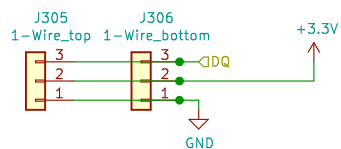
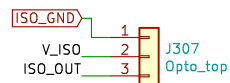
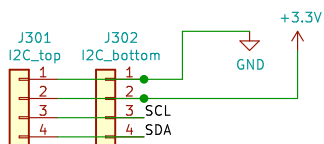
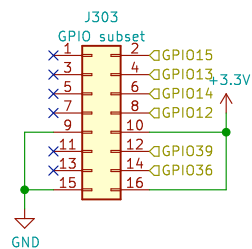
Title: Engine Top Hat for SH-ESP32

Size: A4 Date: 2021-04-27

KiCad E.D.A. kicad (5.1.9-0-10_14)

Rev: 0.1.0

Id: 2/6



This design is licensed under CC BY-SA 4.0.
To view a copy of this license, visit
<https://creativecommons.org/licenses/by-sa/4.0>

Hat Labs Ltd

Sheet: /IOHeader/
File: IOHeader.sch

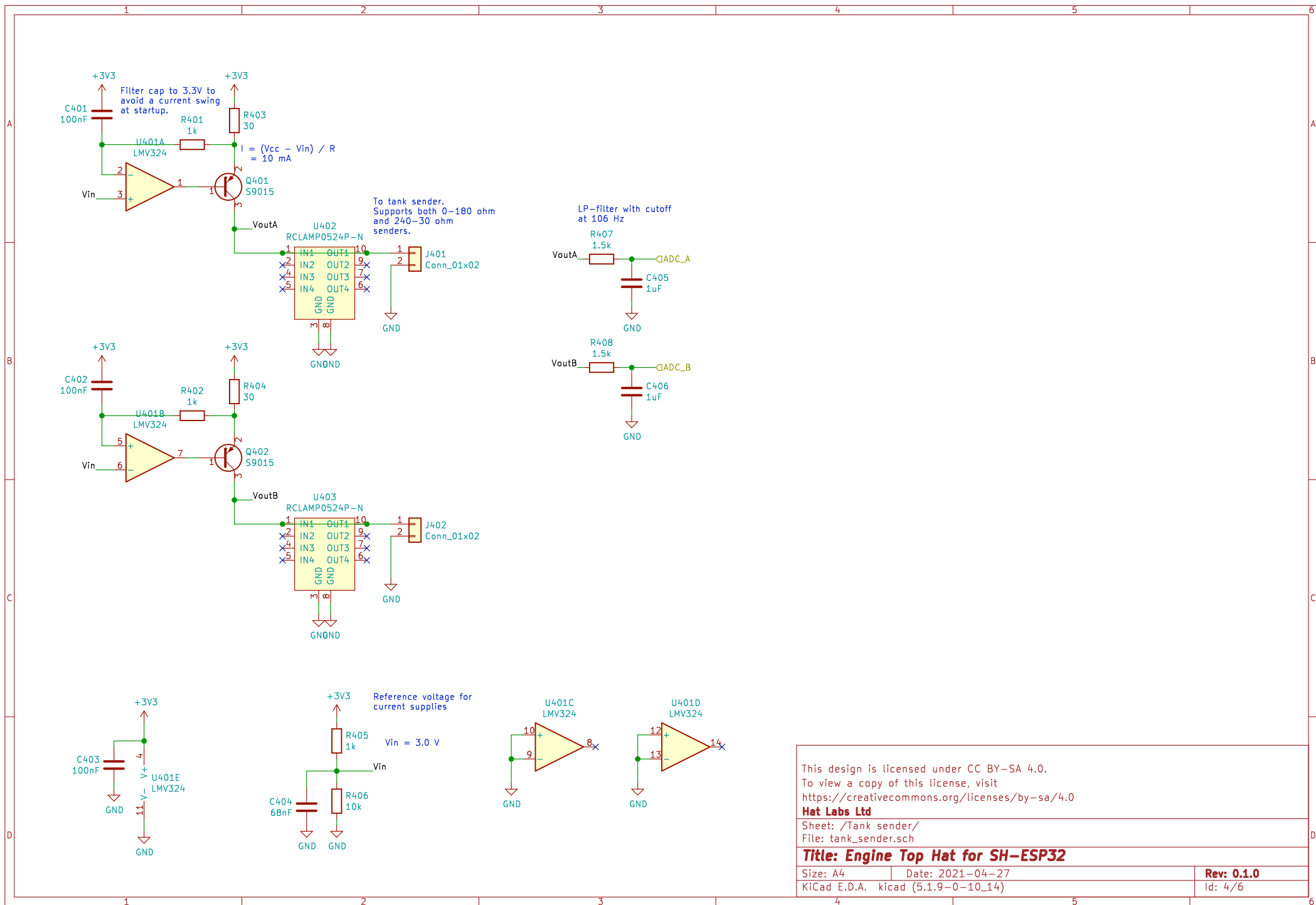
Title: Engine Top Hat for SH-ESP32

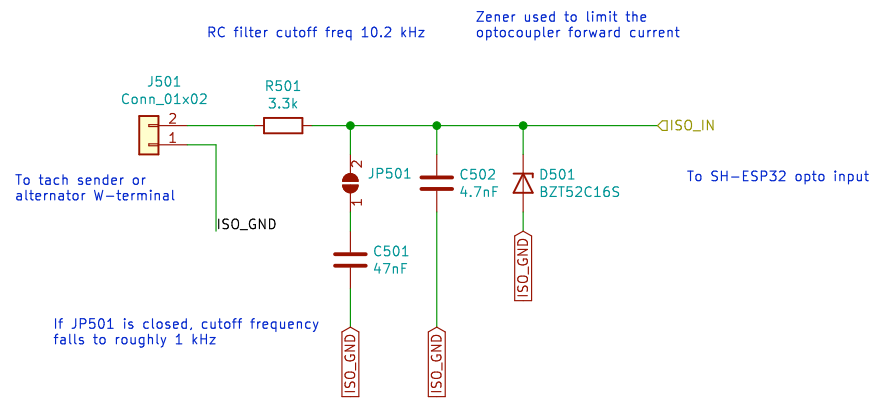
Size: A4 Date: 2021-04-27

KiCad E.D.A. kicad (5.1.9-0-10_14)

Rev: 0.1.0

Id: 3/6





This design is licensed under CC BY-SA 4.0.
 To view a copy of this license, visit
<https://creativecommons.org/licenses/by-sa/4.0>

Hat Labs Ltd

Sheet: /RPM sender/
 File: rpm_sender.sch

Title: Engine Top Hat for SH-ESP32

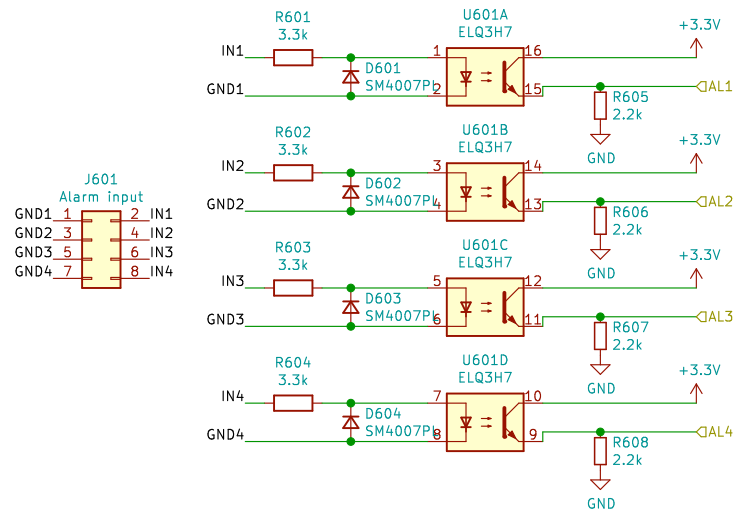
Size: A4 Date: 2021-04-27

KiCad E.D.A. kicad (5.1.9-0-10_14)

Rev: 0.1.0

Id: 5/6

Absolute max. input voltage 28V.
Output reaches 3.3V at 11V input.



Sheet: /Optocoupler input/
File: optocoupler_input.sch

Title: Engine Top Hat for SH-ESP32

Size: A4 Date: 2021-04-27

KiCad E.D.A. kicad (5.1.9-0-10_14)

Rev:

Id: 6/6