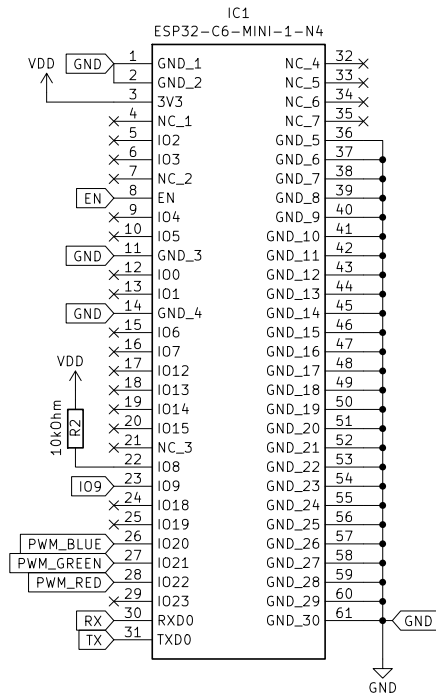
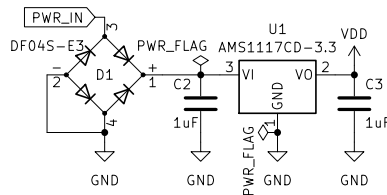


RGB LED STRIP DRIVER

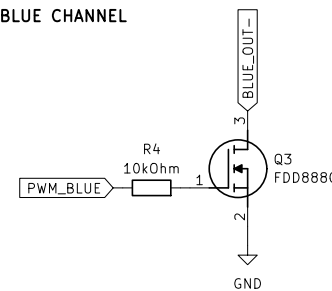
MICROCONTROLLER CONNECTIONS



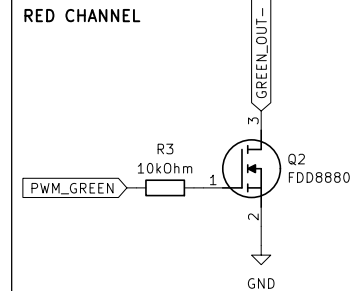
POWER REGULATION CIRCUIT



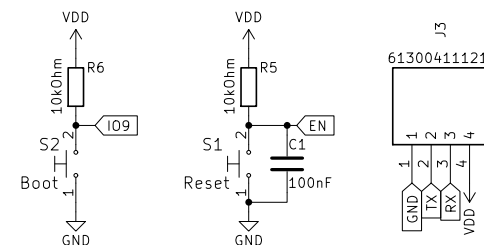
BLUE CHANNEL



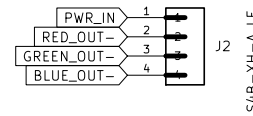
RED CHANNEL



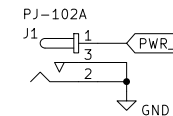
PROG INTERFACE



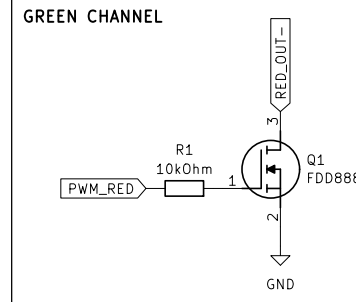
LED STRIP CONNECTOR



POWER CONNECTOR



GREEN CHANNEL



Author: Juan Antonio Hidalgo Torres

Schematic

Sheet: /

File: DriverRGB_v2.kicad_sch

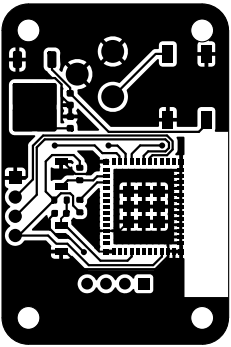
Title: RGB LED STRIP DRIVER

Size: A4 Date: 20/06/2024

KiCad E.D.A. kicad 7.0.7

Rev: v02

Id: 1/1



Author: Juan Antonio Hidalgo Torres

B.Cu

PCB

Sheet:

File: DriverRGB_v2.kicad_pcb

Title: RGB LED STRIP DRIVER

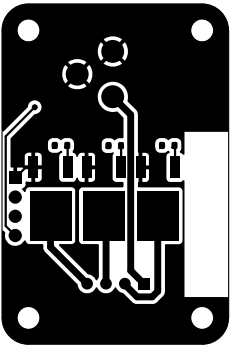
Size: A4

Date: 20/06/2024

Rev: v02

KiCad E.D.A. kicad 7.0.7

Id: 1/1



Author: Juan Antonio Hidalgo Torres

F.Cu

PCB

Sheet:

File: DriverRGB_v2.kicad_pcb

Title: RGB LED STRIP DRIVER

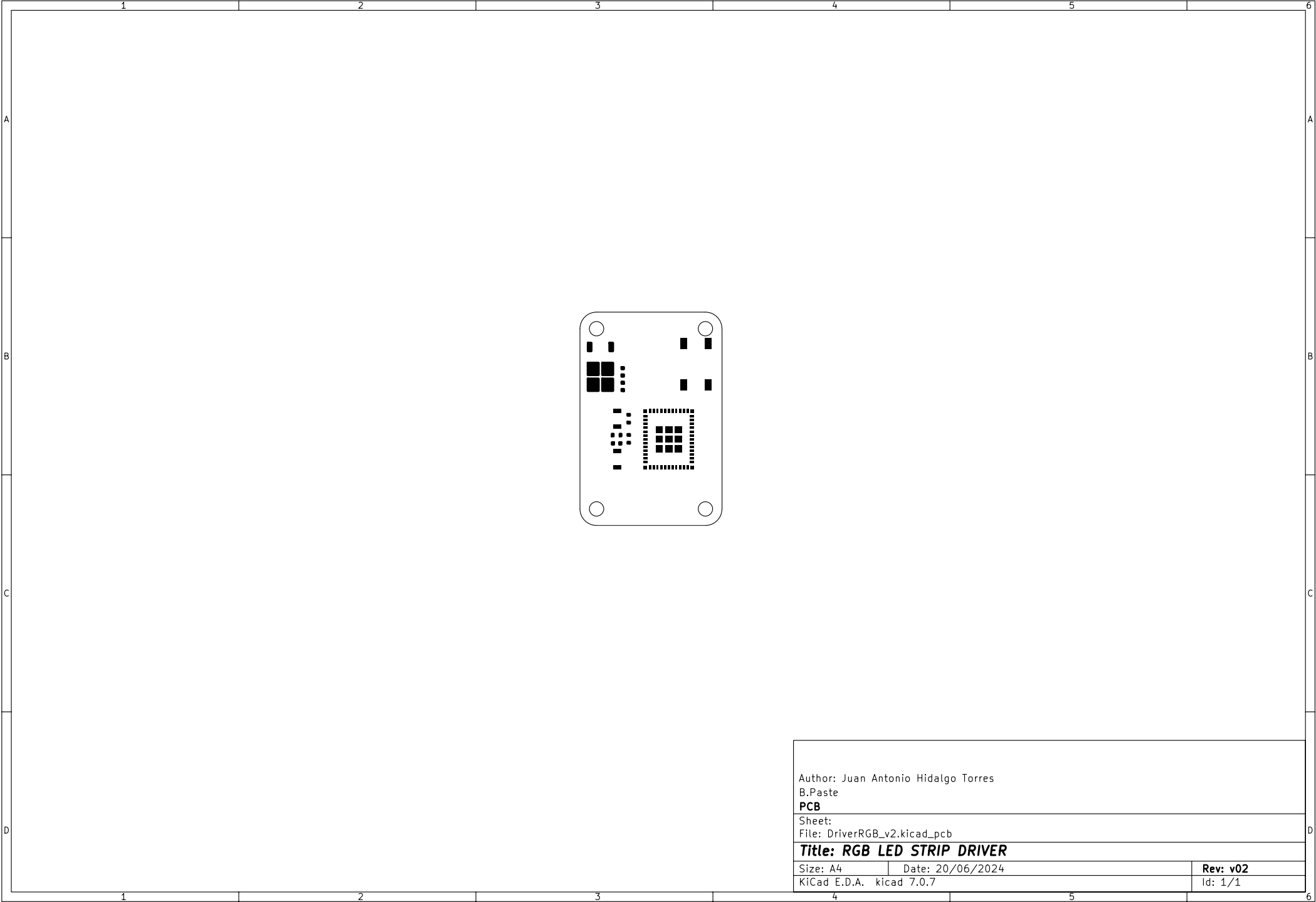
Size: A4

Date: 20/06/2024

Rev: v02

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Id: 1/1



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B.Paste

PCB

Sheet:

File: DriverRGB_v2.kicad_pcb

Title: RGB LED STRIP DRIVER

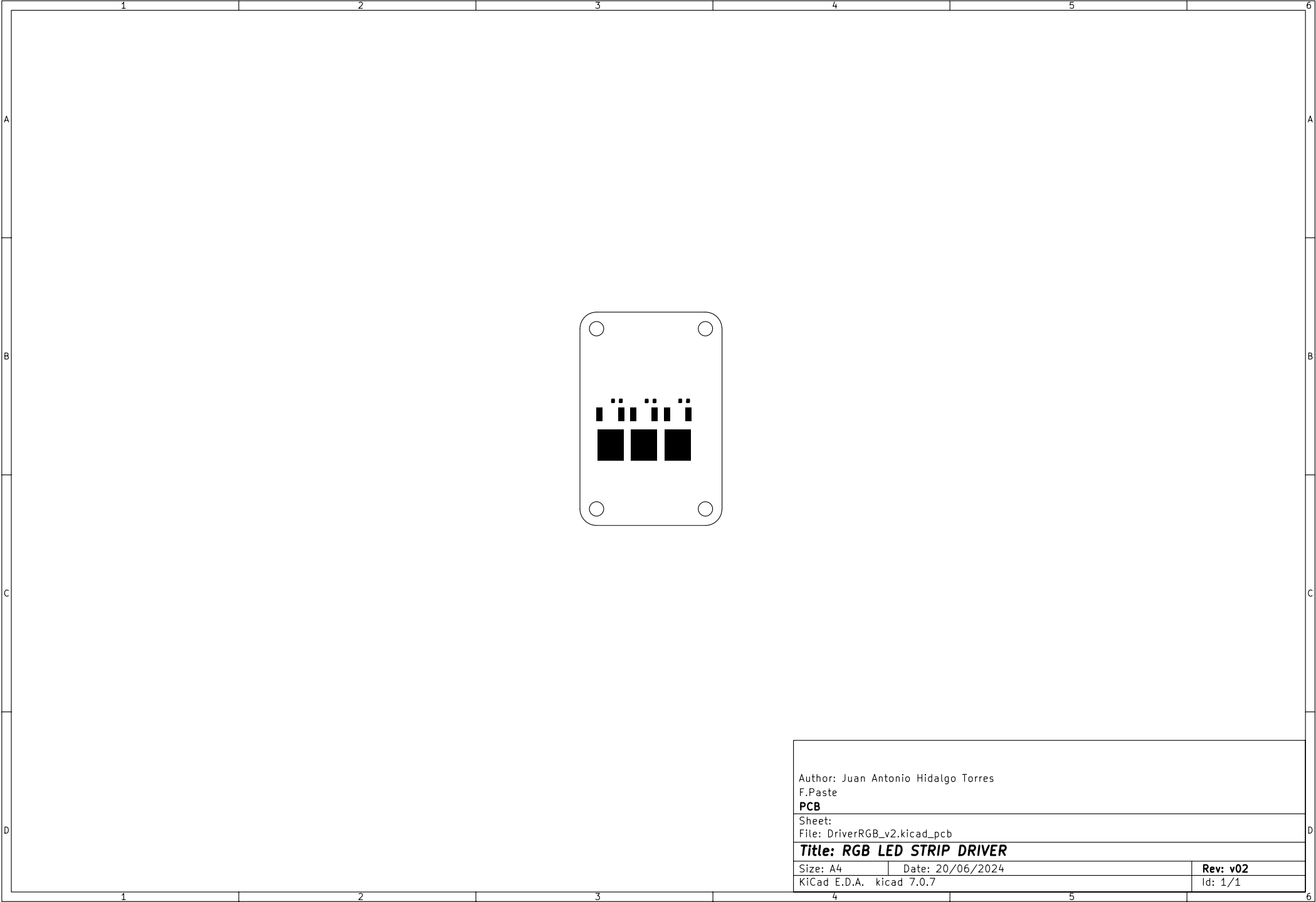
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Date: 20/06/2024

Rev: v02

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Id: 1/1



Author: Juan Antonio Hidalgo Torres

F.Paste

PCB

Sheet:

File: DriverRGB_v2.kicad_pcb

Title: RGB LED STRIP DRIVER

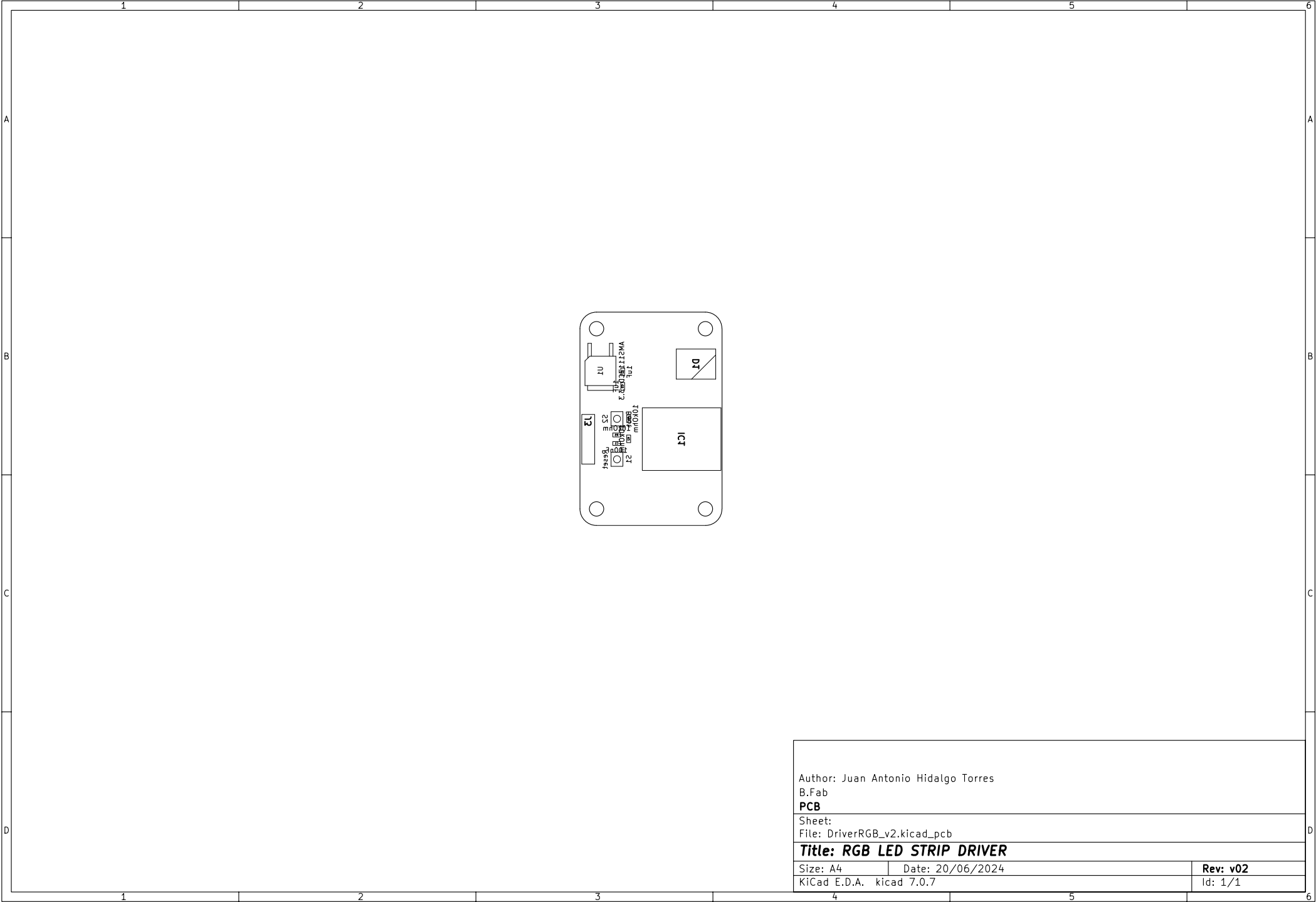
Size: A4

Date: 20/06/2024

Rev: v02

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Id: 1/1



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B.Fab

PCB

Sheet:

File: DriverRGB_v2.kicad_pcb

Title: RGB LED STRIP DRIVER

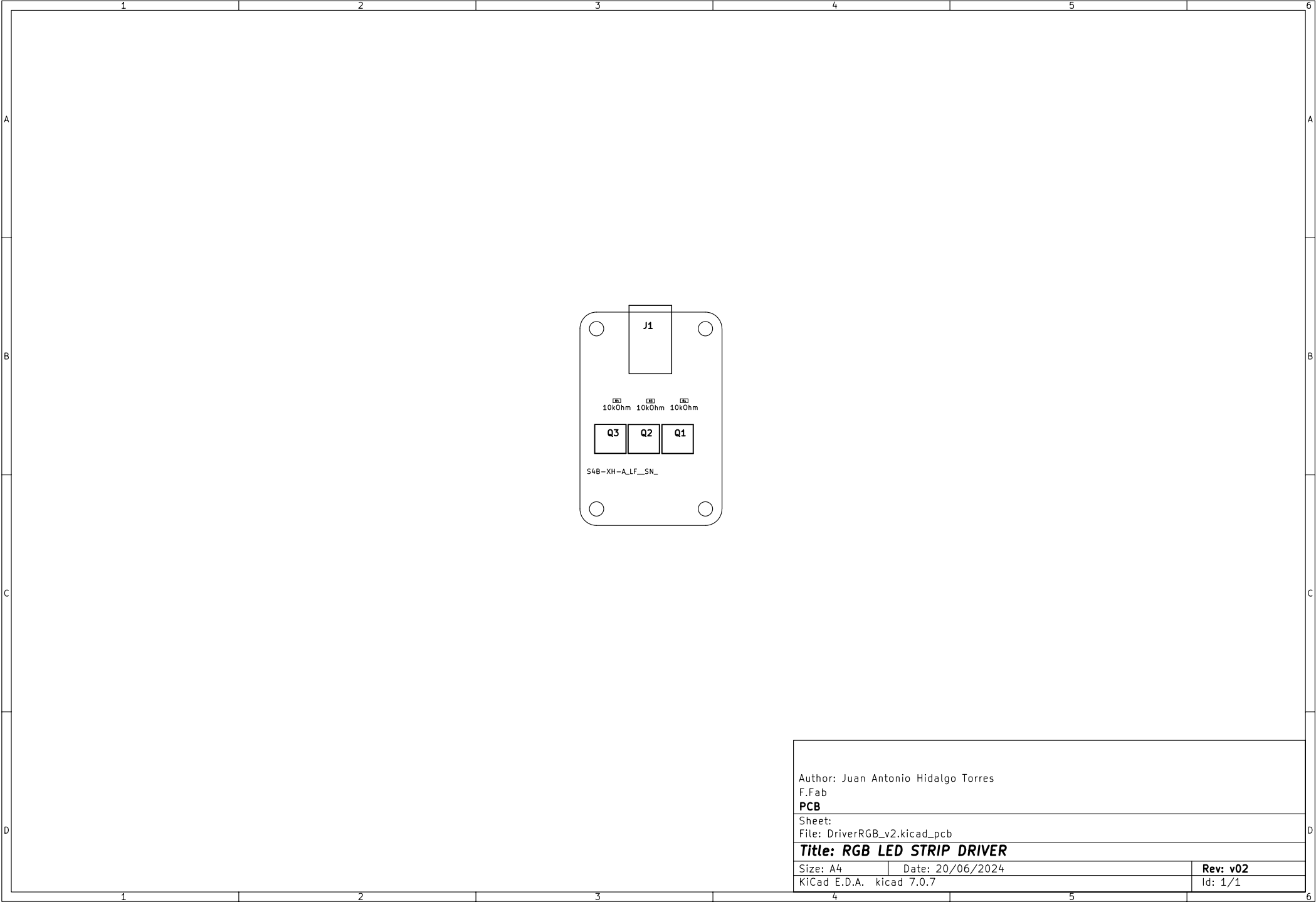
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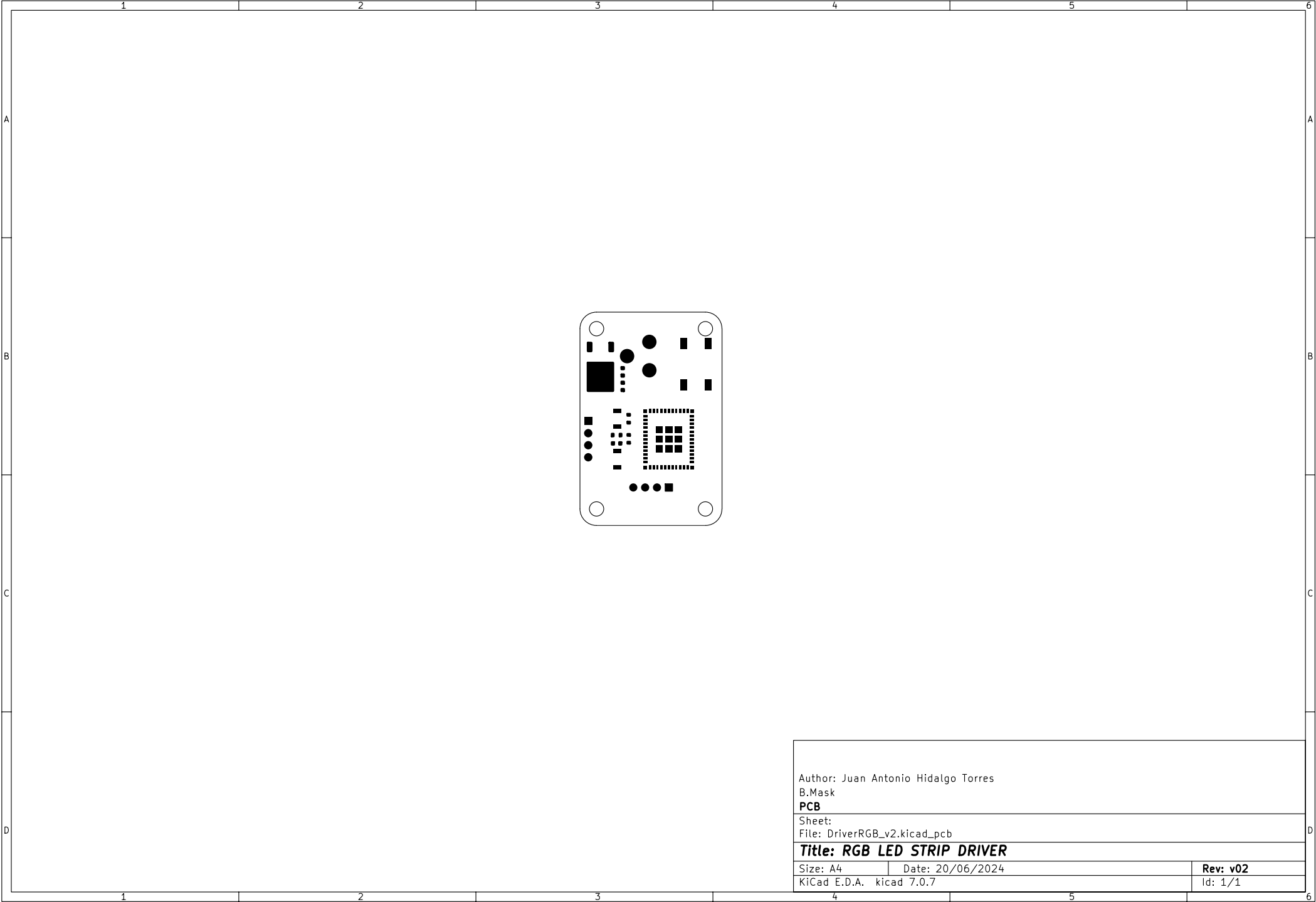
Date: 20/06/2024

Rev: v02

KiCad E.D.A. kicad 7.0.7

Id: 1/1





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B.Mask

PCB

Sheet:

File: DriverRGB_v2.kicad_pcb

Title: RGB LED STRIP DRIVER

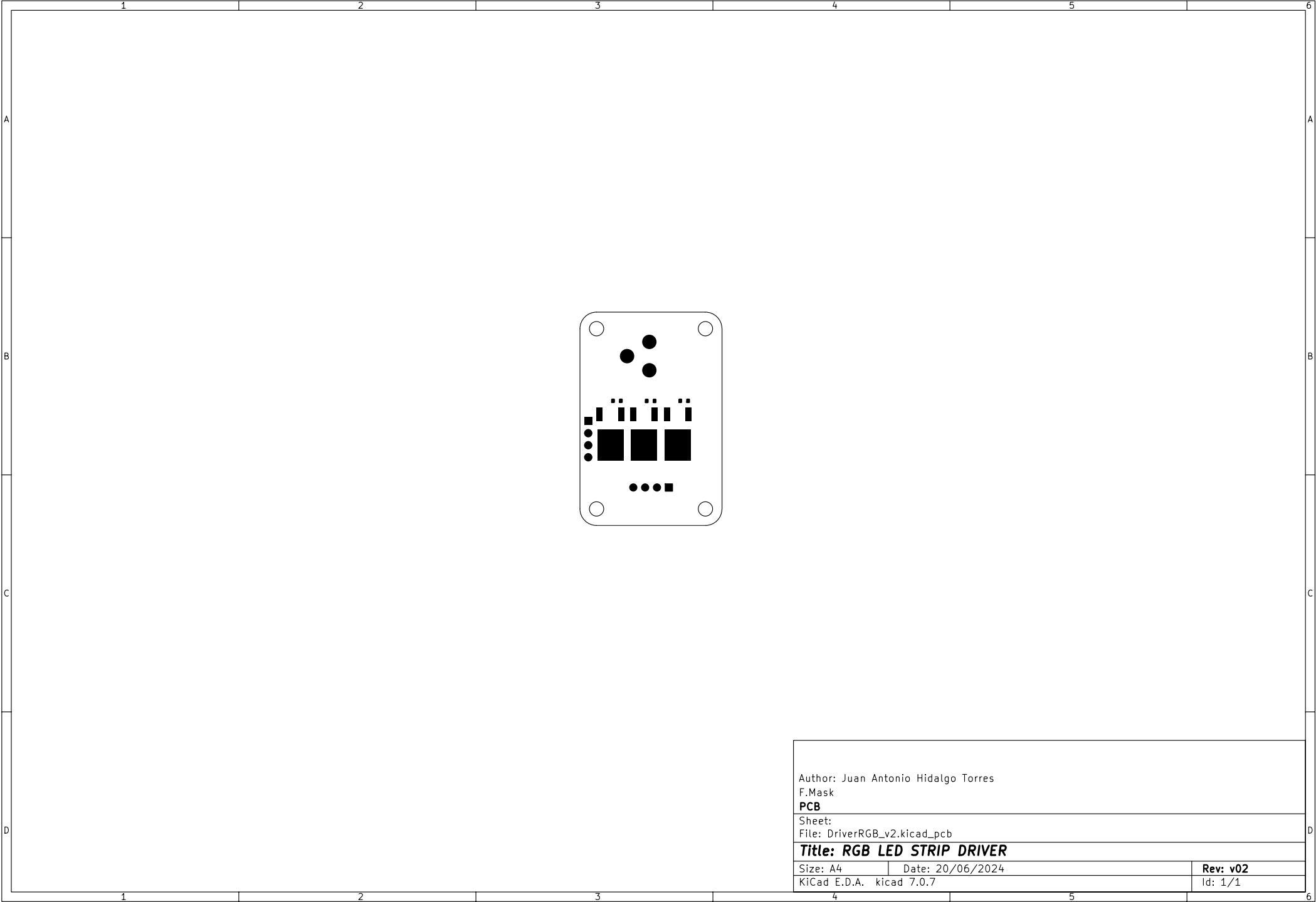
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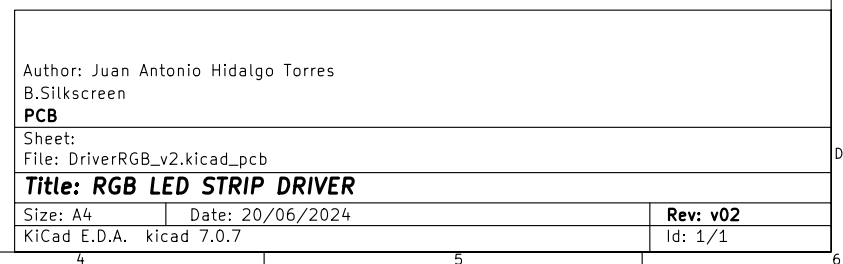
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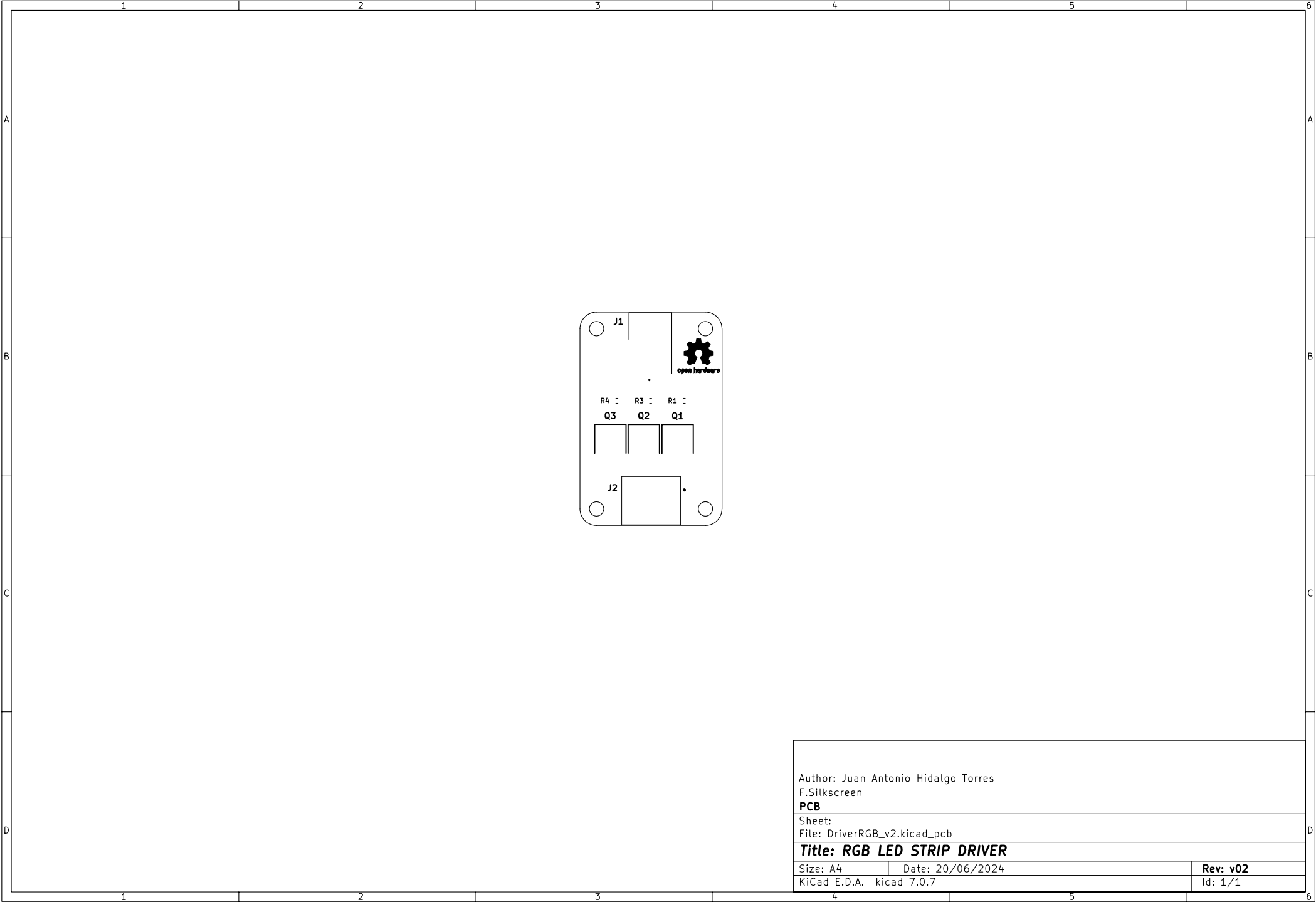
Rev: v02

KiCad E.D.A. kicad 7.0.7

Id: 1/1







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F.Silkscreen

PCB

Sheet:

File: DriverRGB_v2.kicad_pcb

Title: RGB LED STRIP DRIVER

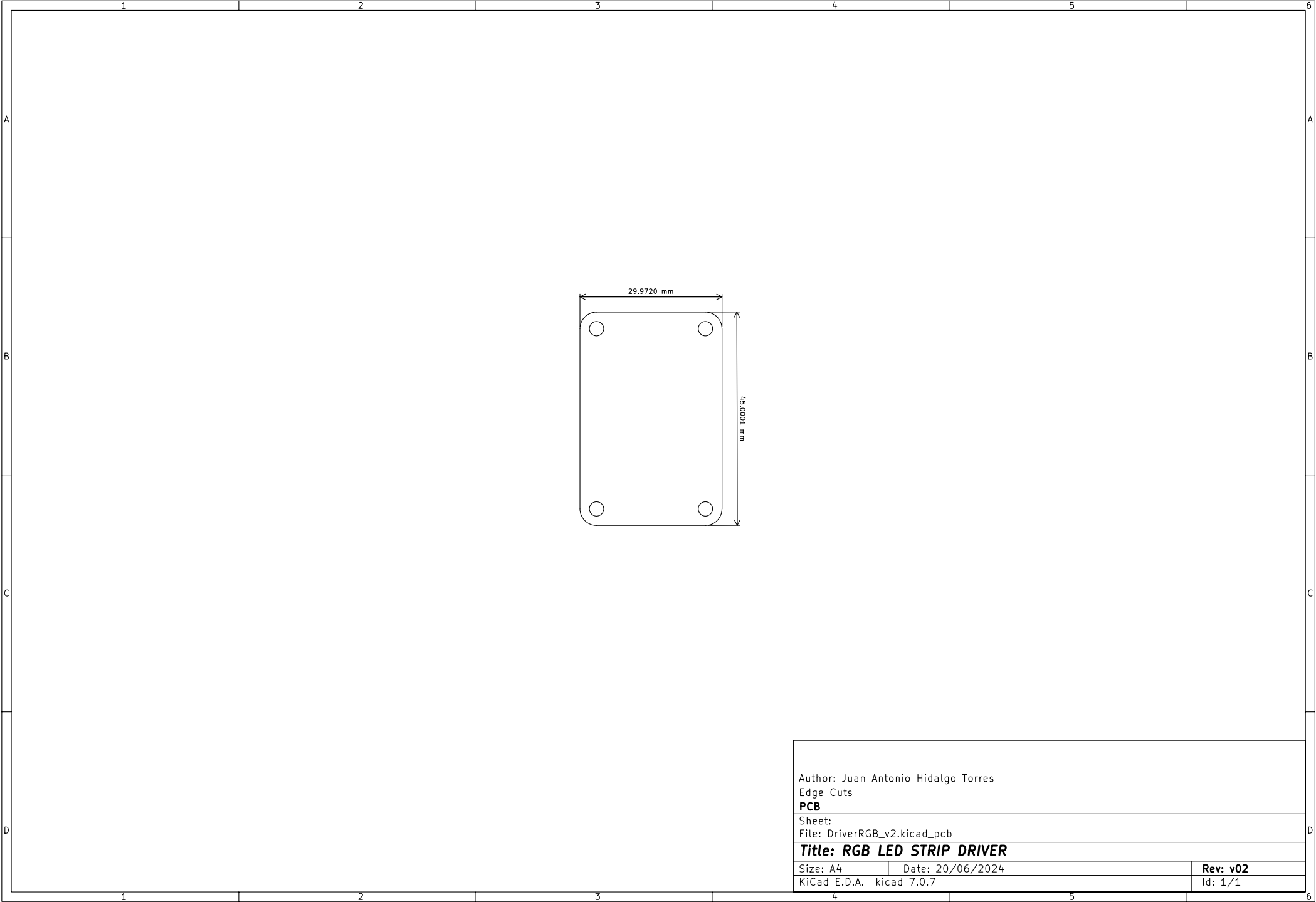
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Date: 20/06/2024

Rev: v02

KiCad E.D.A. kicad 7.0.7

Id: 1/1



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Edge Cuts

PCB

Sheet:

File: DriverRGB_v2.kicad_pcb

Title: RGB LED STRIP DRIVER

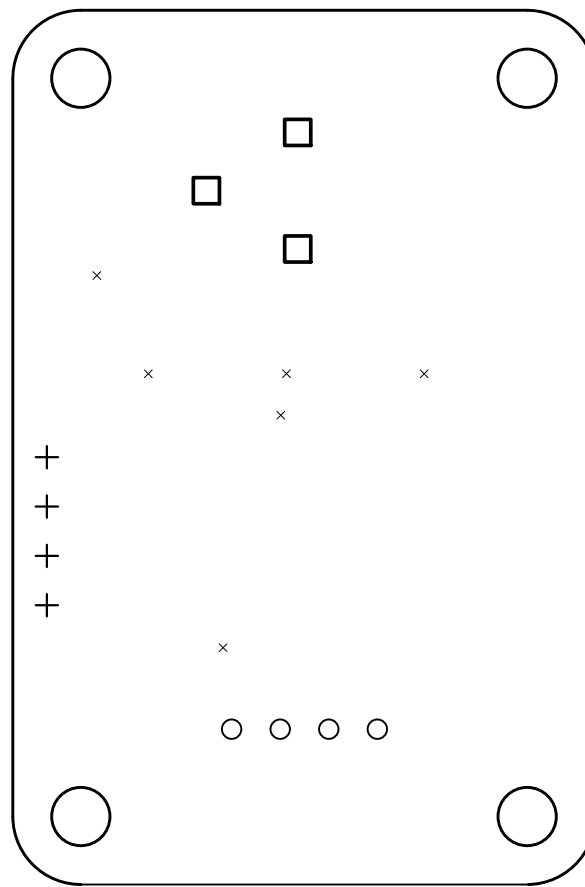
Size: A4

Date: 20/06/2024

Rev: v02

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Id: 1/1



Drill Map:

- × 0.400mm / 0.0157" (6 holes)
- 1.000mm / 0.0394" (4 holes)
- + 1.150mm / 0.0453" (4 holes)
- 1.900mm / 0.0748" (3 holes)