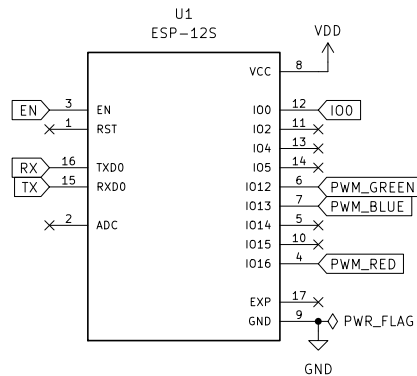
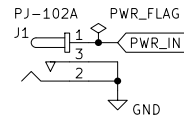


RGB LED STRIP DRIVER

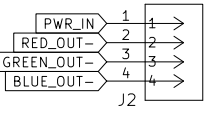
MICROCONTROLLER CONNECTIONS



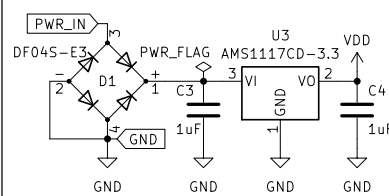
POWER CONNECTOR



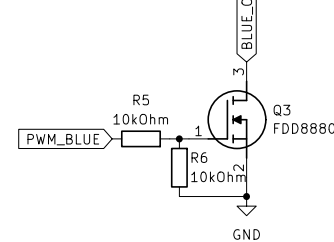
LED STRIP CONNECTOR



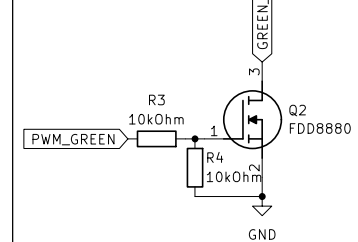
POWER REGULATION CIRCUIT



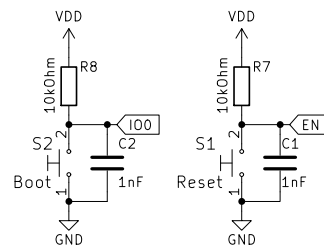
BLUE CHANNEL



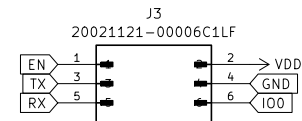
RED CHANNEL



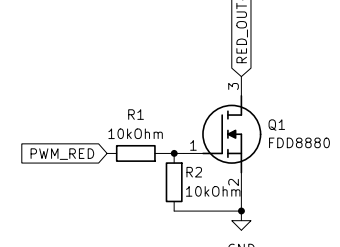
SWITCH BUTTON



PROG INTERFACE



GREEN CHANNEL



Author: Juan Antonio Hidalgo Torres

Schematic

Sheet: /

File: DriverRGB_v2.kicad_sch

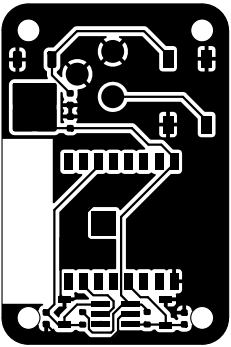
Title: RGB LED STRIP DRIVER

Size: A4 Date: 19/03/2024

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

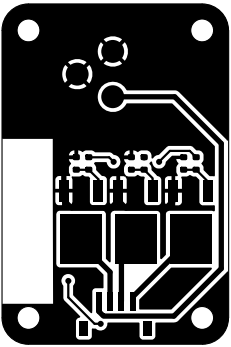
Size: A4

Date: 19/03/2024

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

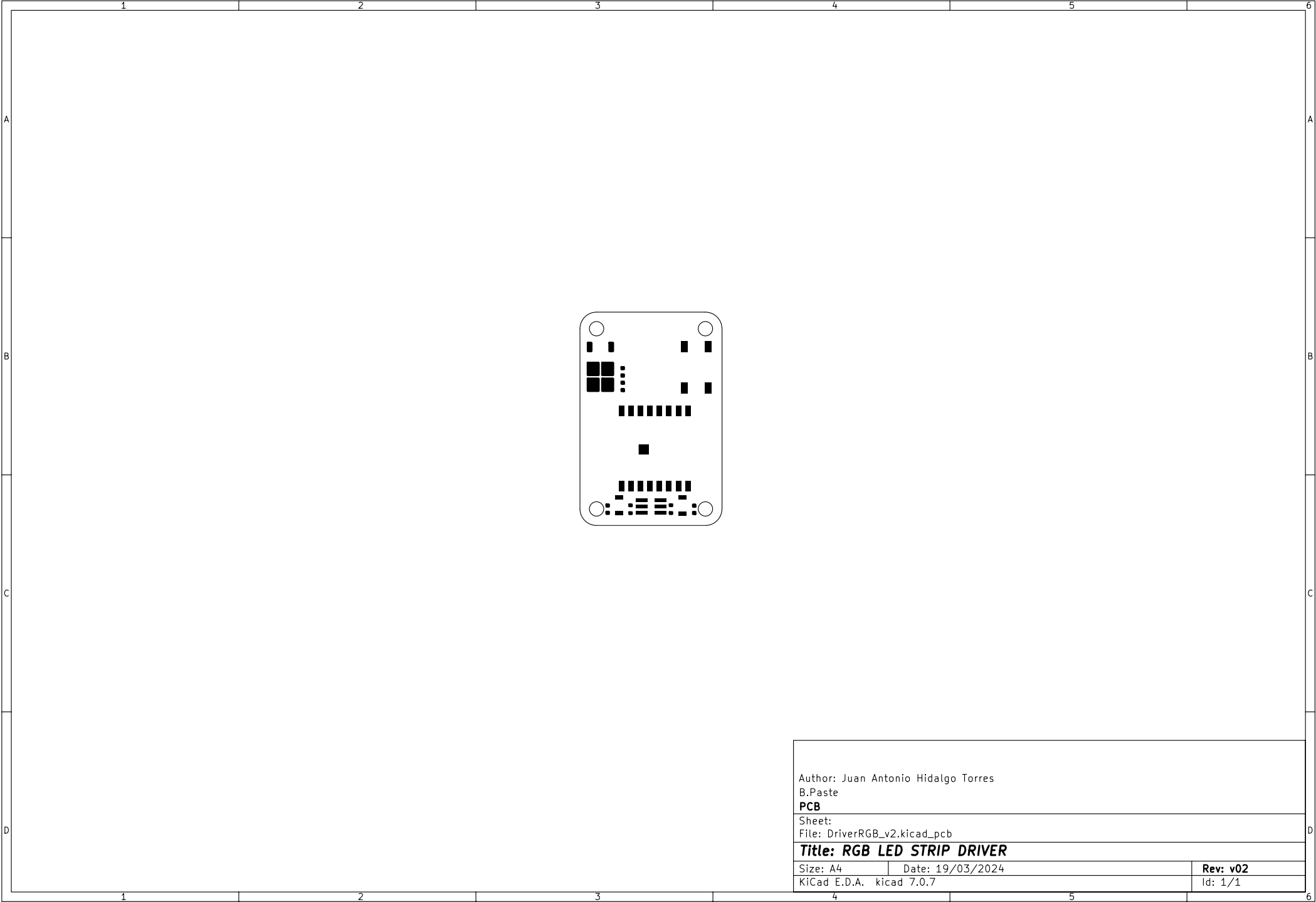
Size: A4

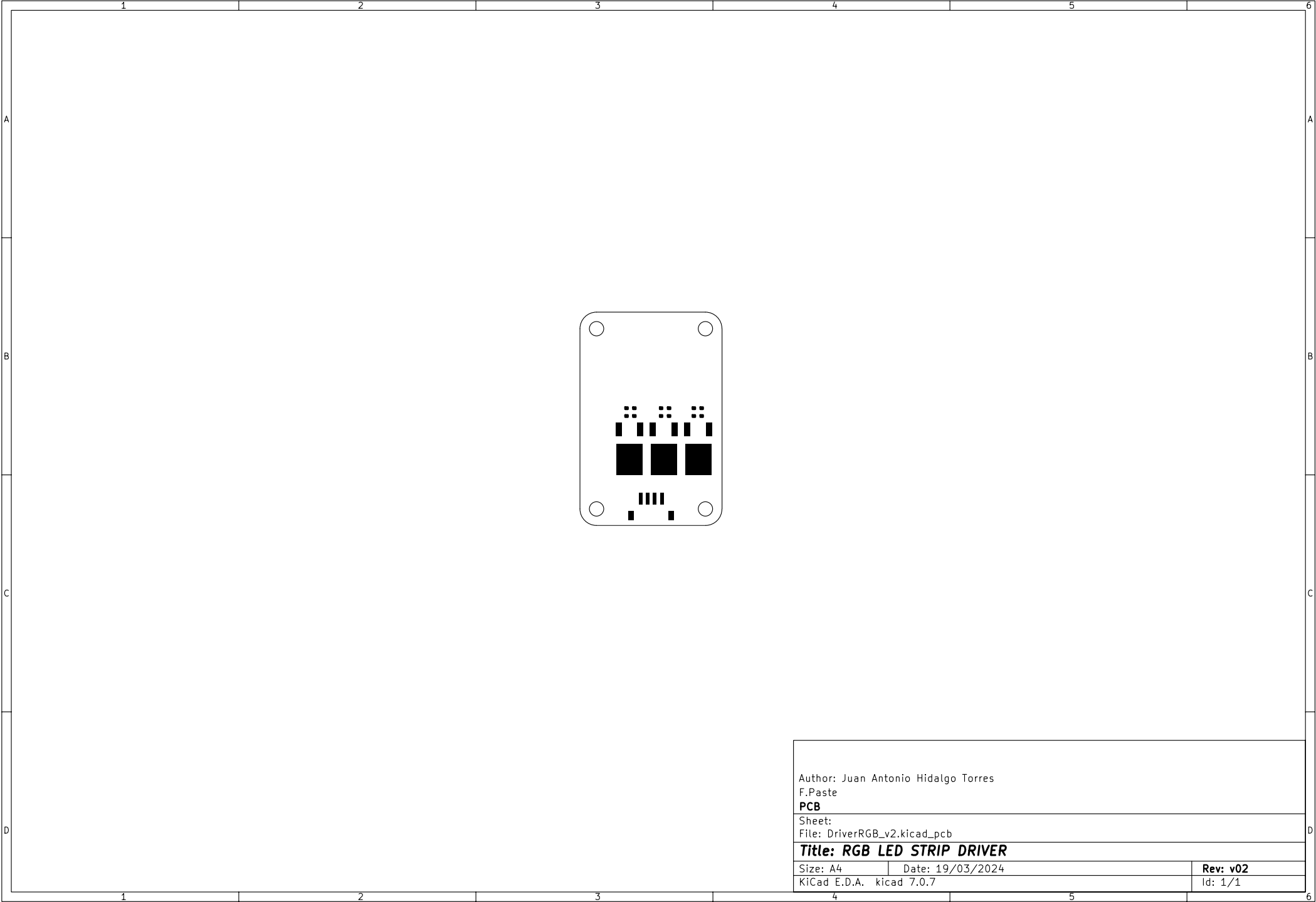
Date: 19/03/2024

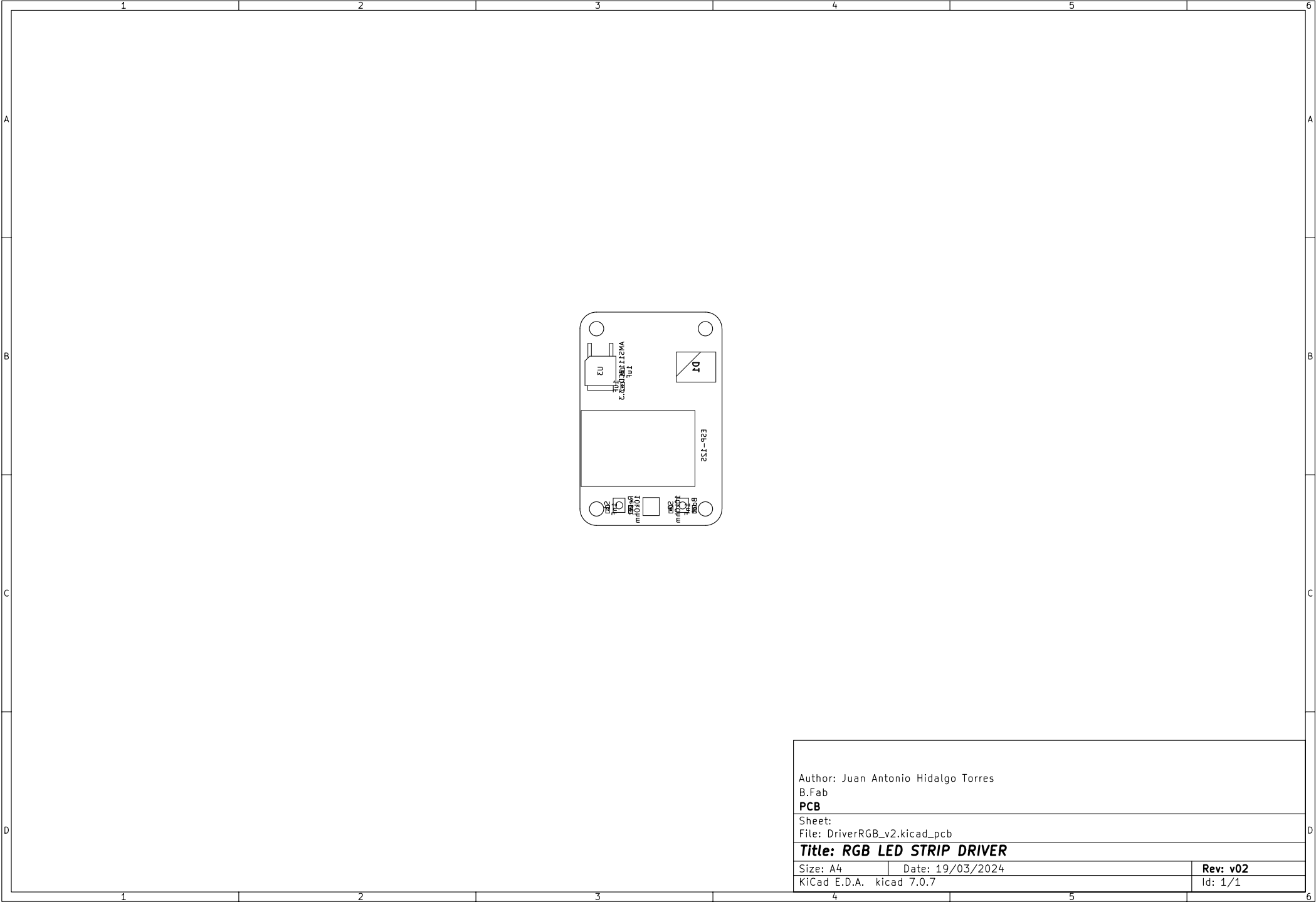
Rev: v02

KiCad E.D.A. kicad 7.0.7

Id: 1/1







Author: Juan Antonio Hidalgo Torres

B.Fab

PCB

Sheet:

File: DriverRGB_v2.kicad_pcb

Title: RGB LED STRIP DRIVER

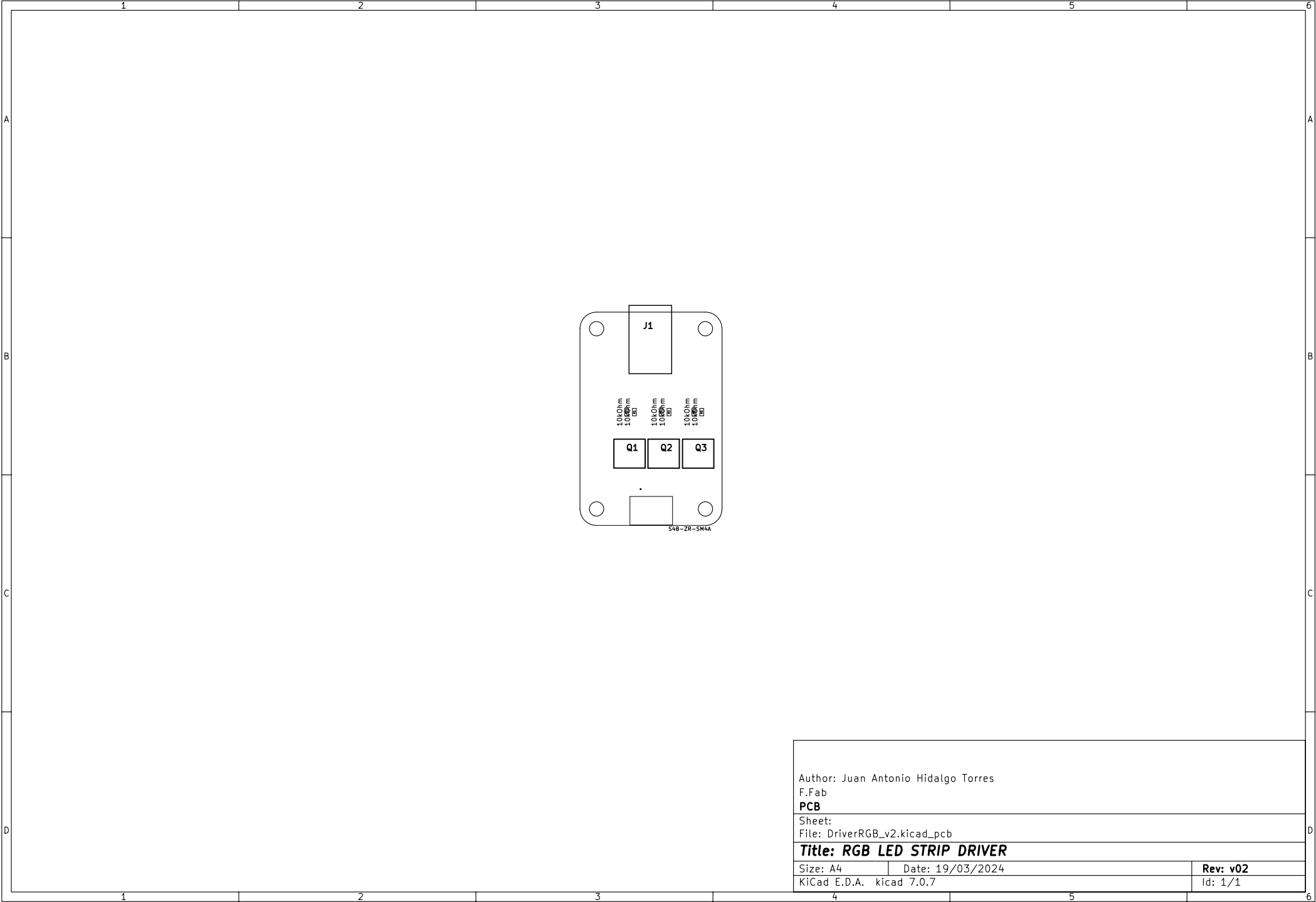
Size: A4

Date: 19/03/2024

Rev: v02

KiCad E.D.A. kicad 7.0.7

Id: 1/1



Author: Juan Antonio Hidalgo Torres

F.Fab

PCB

Sheet:

File: DriverRGB_v2.kicad_pcb

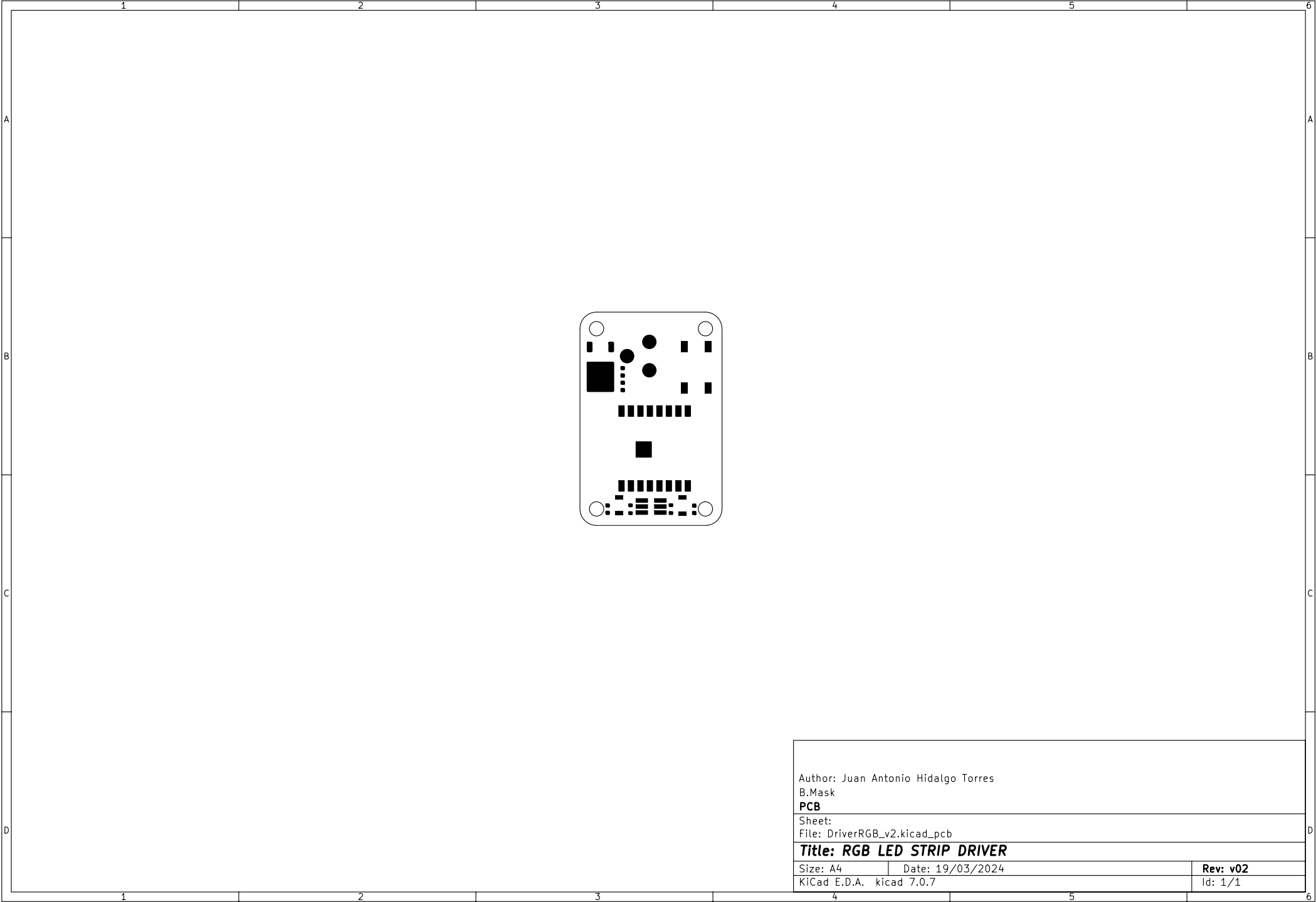
Title: **RGB LED STRIP DRIVER**

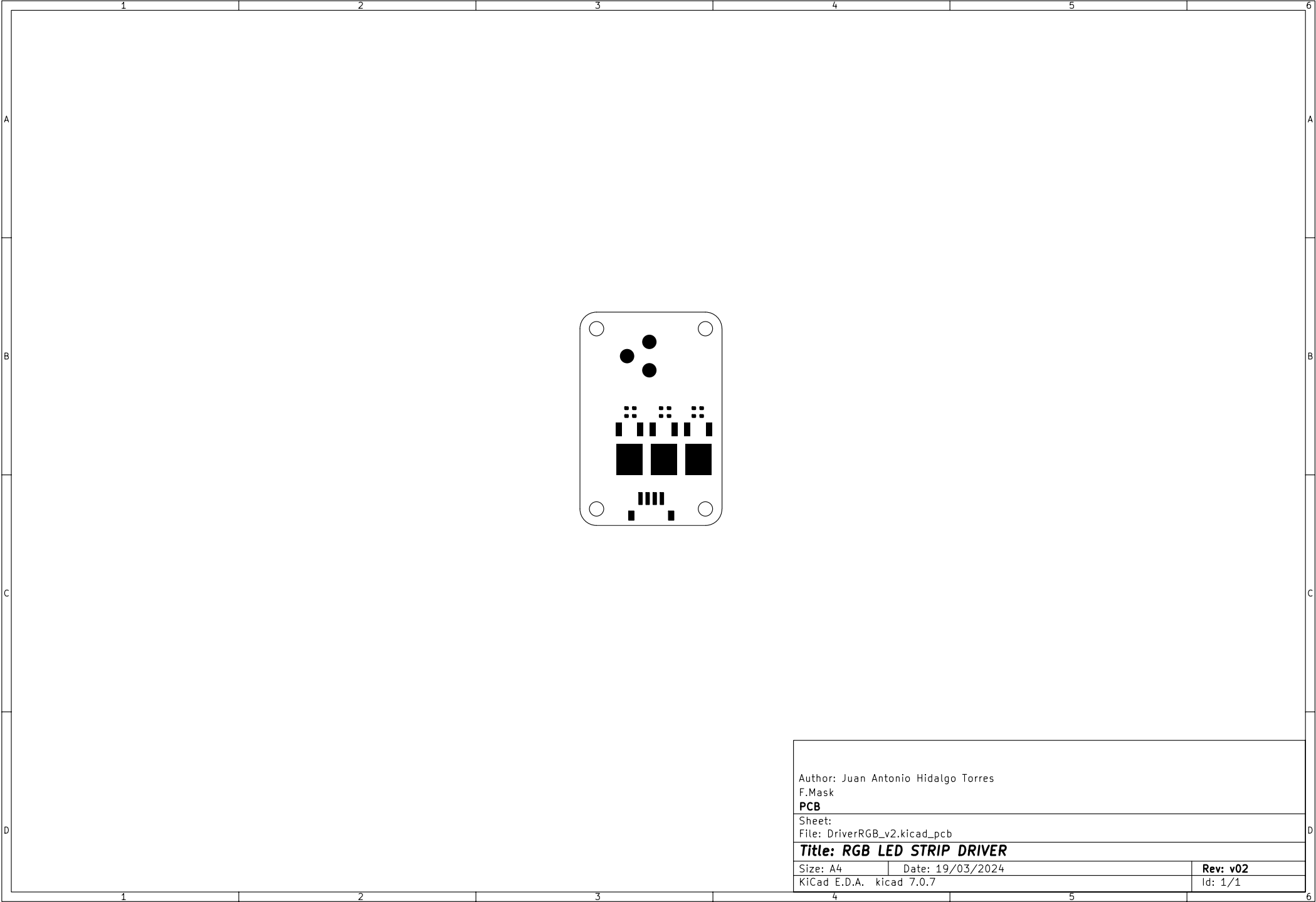
Size: A4 Date: 19/03/2024

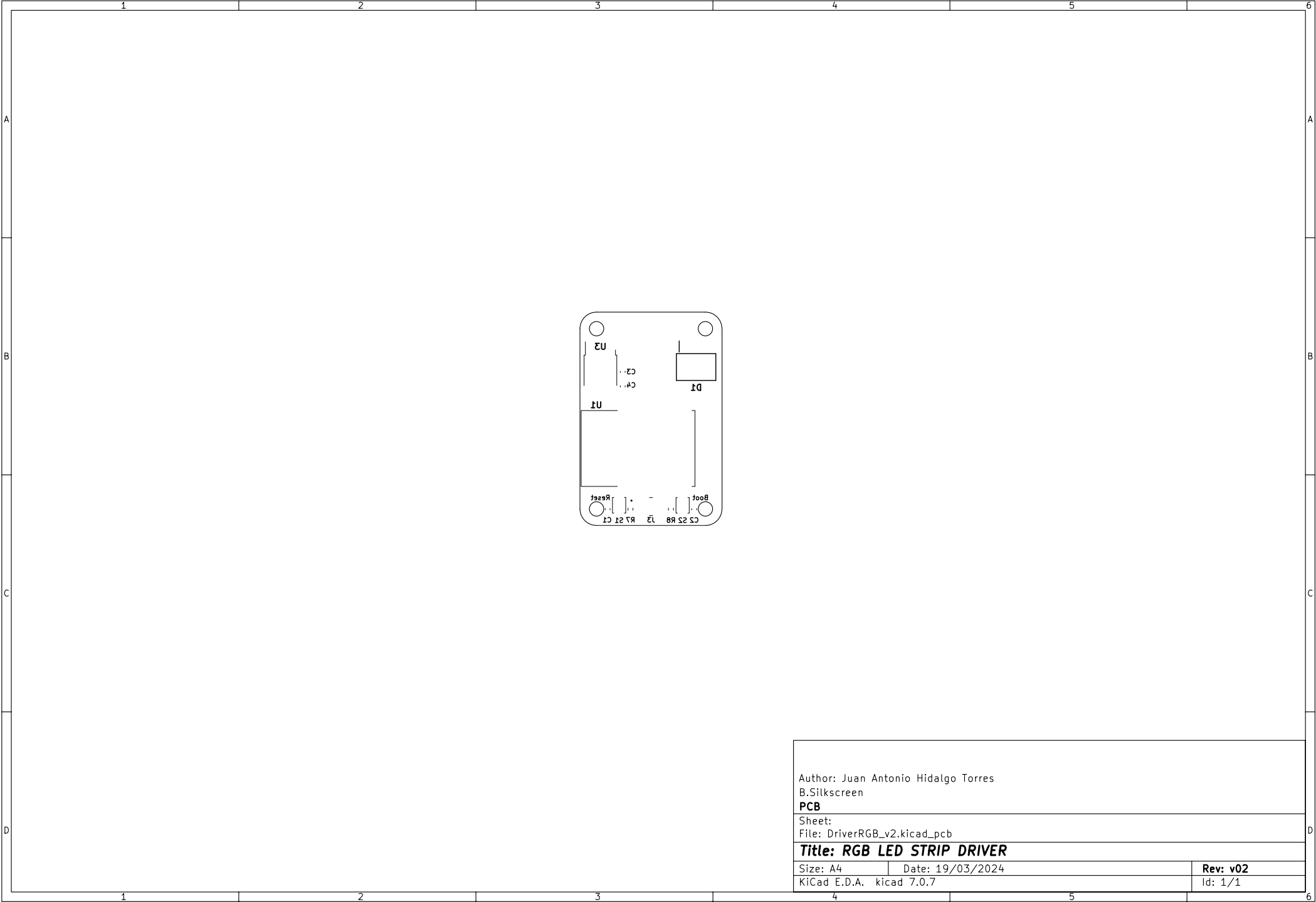
KiCad E.D.A. kicad 7.0.7

Rev: v02

Id: 1/1







Author: Juan Antonio Hidalgo Torres

B.Silkscreen

PCB

Sheet:

File: DriverRGB_v2.kicad_pcb

Title: RGB LED STRIP DRIVER

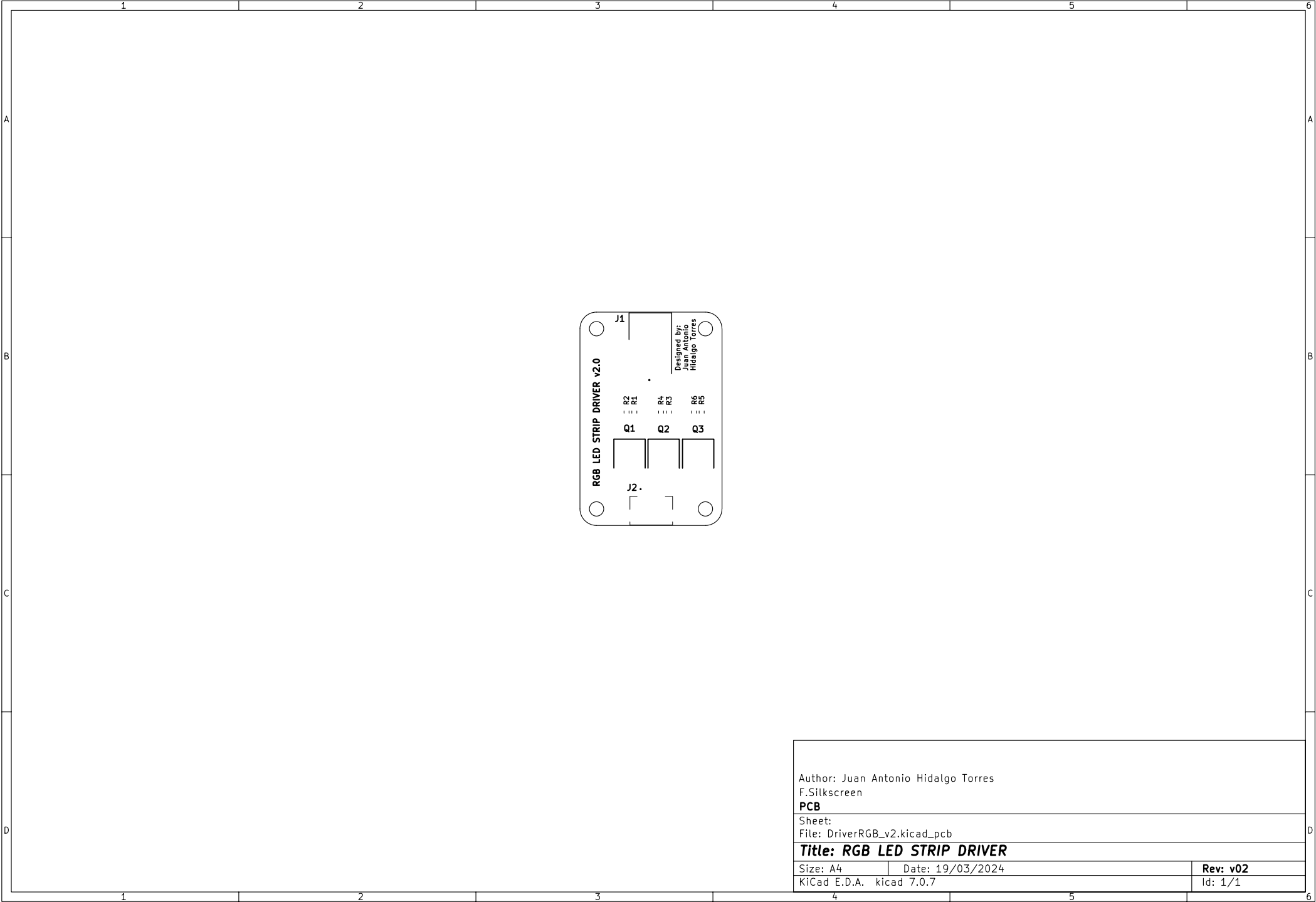
Size: A4

Date: 19/03/2024

Rev: v02

KiCad E.D.A. kicad 7.0.7

Id: 1/1



Author: Juan Antonio Hidalgo Torres

F.Silkscreen

PCB

Sheet:

File: DriverRGB_v2.kicad_pcb

Title: RGB LED STRIP DRIVER

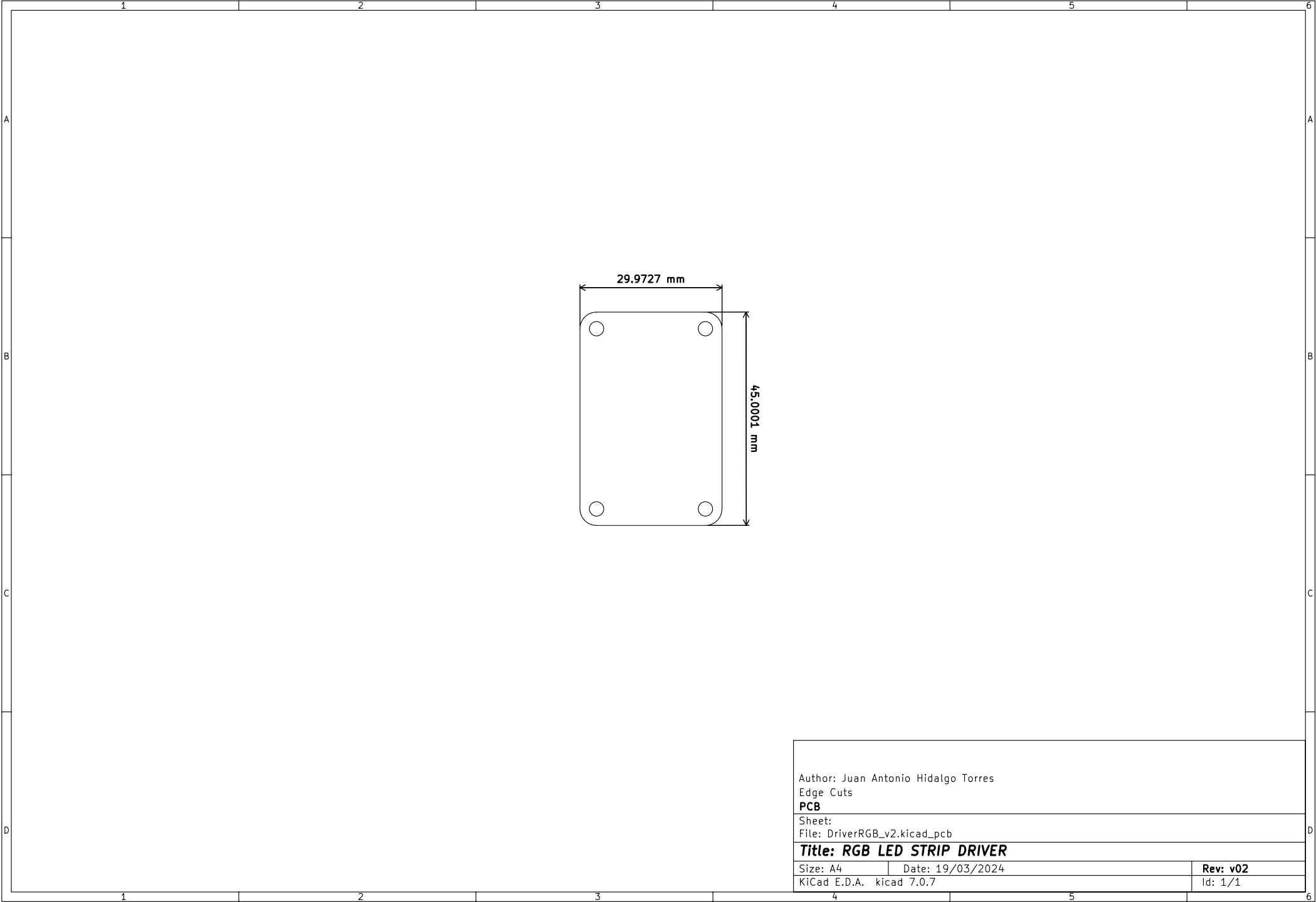
Size: A4

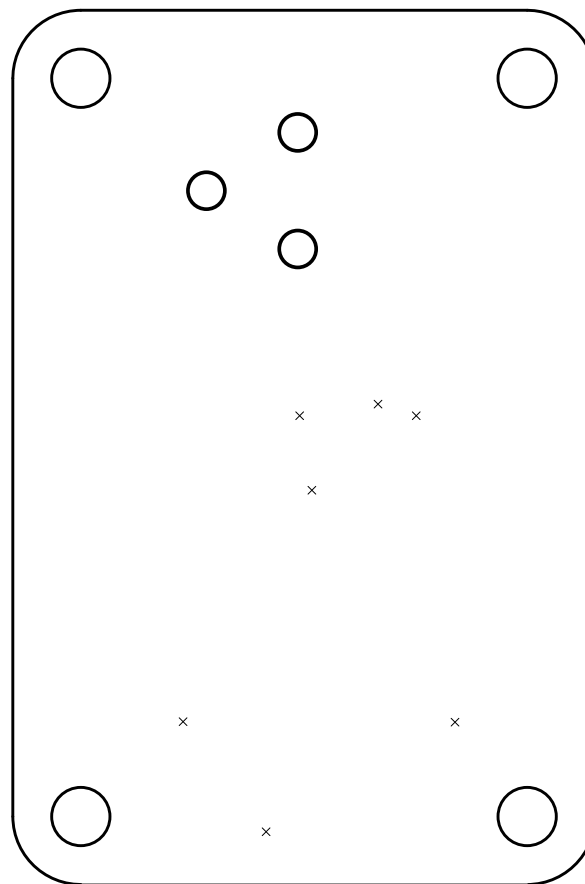
Date: 19/03/2024

Rev: v02

KiCad E.D.A. kicad 7.0.7

Id: 1/1





Drill Map:

- x 0.400mm / 0.0157" (7 holes)
- 1.900mm / 0.0748" (3 holes)