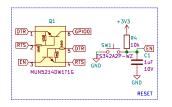
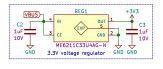


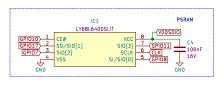
GPI012) 1 DIN 2 DOUT

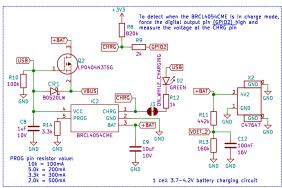
RGB LED

GND



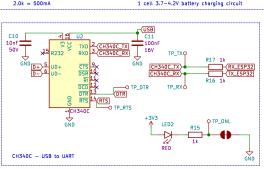


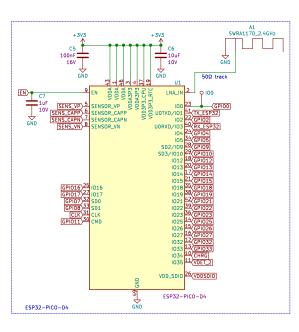




3V3 3 USB

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| Sheet: Revision history File: Revision history.sch |            |    |
|--|------------|----|
| Schematic: Victor                                  |            |    |
| GroundStudio.ro                                    | * c        | G, |
| Sheet: /<br>File: REVO.0.2 LUMUHR_GS CARBON D4.sch |            |    |
| Title: Carbon D4                                   |            |    |
| Size: A3 Date: 2021-12-08                          | Rev: 0.0.2 | Τ  |
| KiCad E.D.A. kicad (5.1.12)-1                      | ld: 1/2    |    |
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|---|---|---|--------------------------------|---|------------|------------|
|   | REV 0.0.2:  |   |                                |   |            |            |
|   | -added testpoint for GPIOO<br>-R16 and R17 connected in | aariaa  |                                |   |            |            |
|   | -interchanged GPIO2 and GP                              | PIO12 functions because GPIO12<br>th R13 for better battery voltage | cannot be pulled high while in | flash mode  |            |            |
| ٩ | -added 100m m parattet wi                               | th K13 for better battery voltage                                   | e tevel reading                |   |            |            |
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|   |   |   |                                |   |            |            |
|   |   |   |                                | Schematic: Victor   |            |            |
|   |   |   |                                | GroundStudio.ro  Sheet: /Revision history/ File: Revision history.sch |            |            |
|   |   |   |                                | Title: Carbon D4  | 24. 42. 00 |            |
|   |   |   |                                | Size: A4 Date: 20<br>KiCad E.D.A. kicad (5.1.12                       | )-1        | Rev: 0.0.2 |