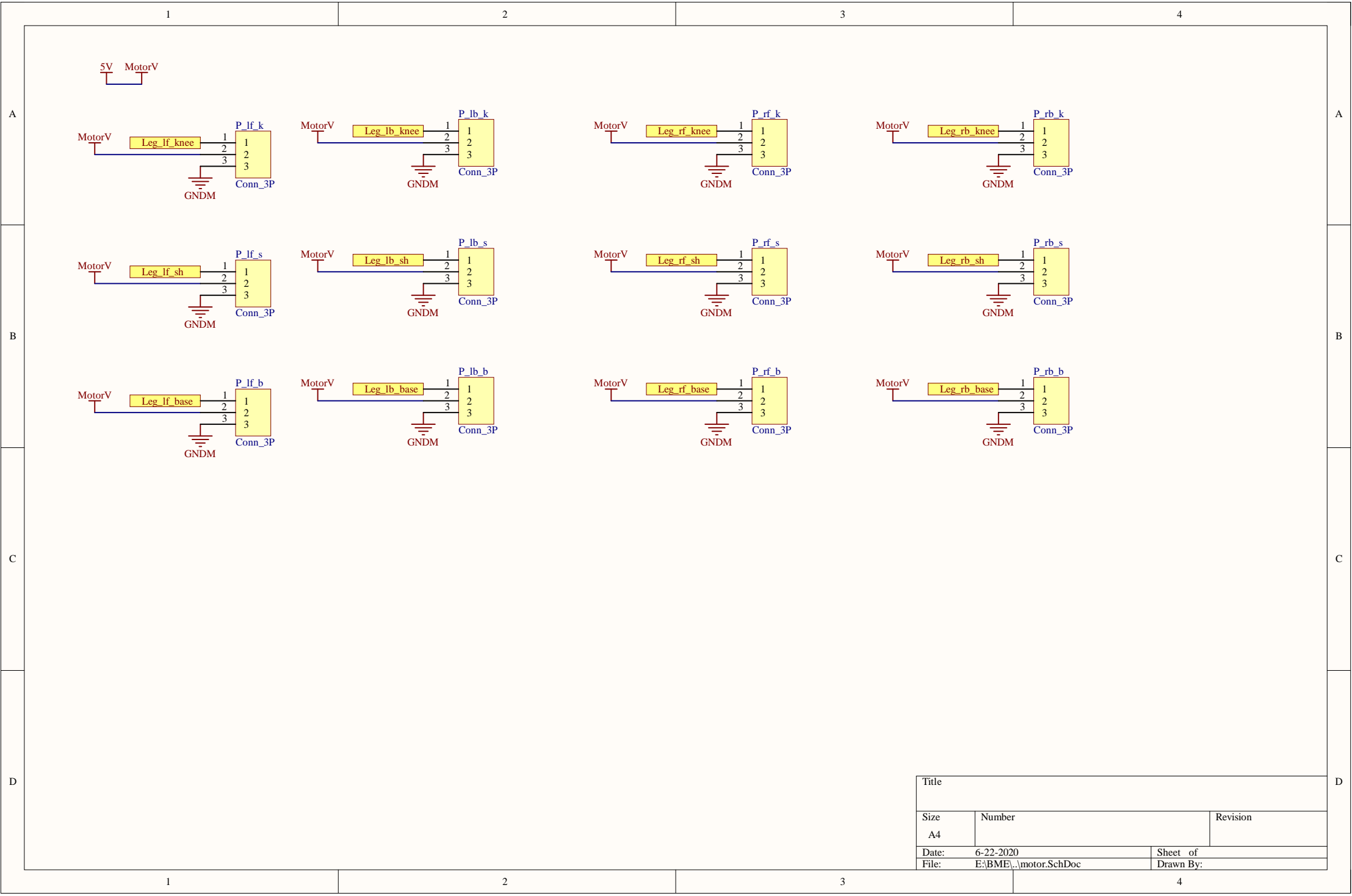
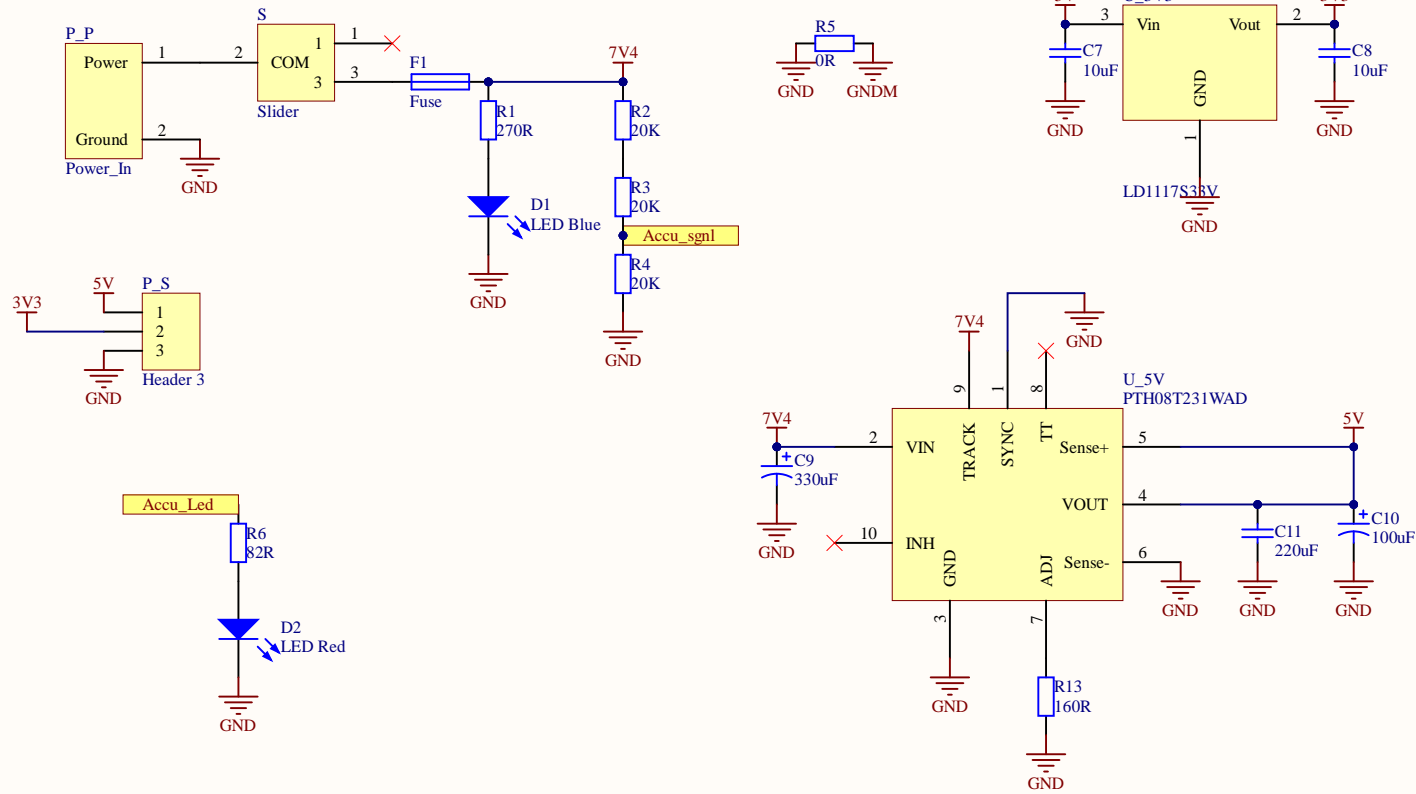


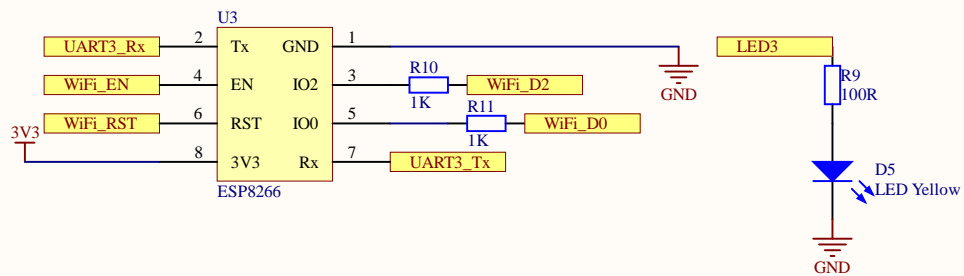
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| Date: | 6-22-2020 | Sheet of |
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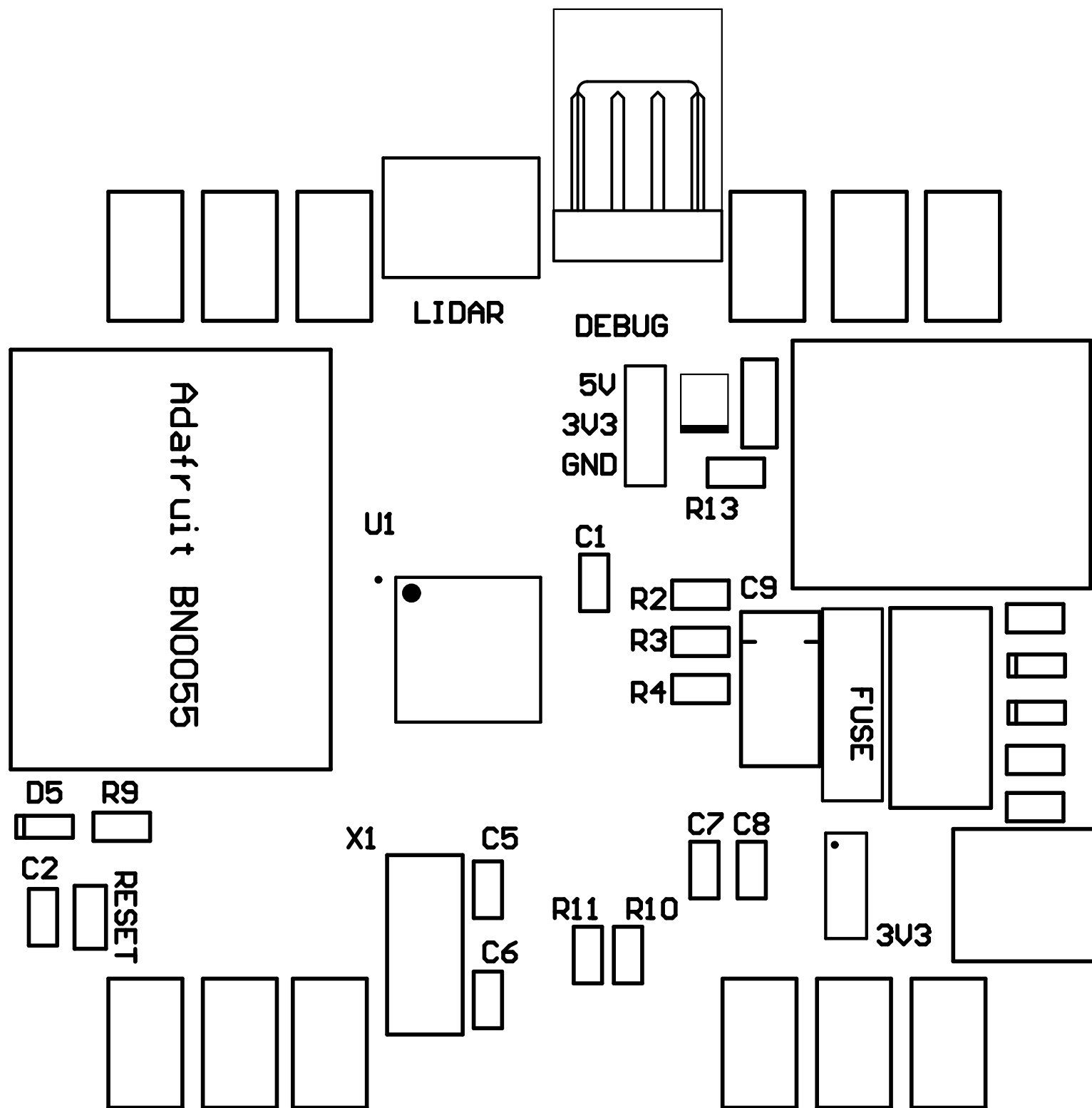
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| Title | | |
| Size | Number | Revision |
| A4 | | |
| Date: | 6-22-2020 | Sheet of |
| File: | E:\BME\.\motor.SchDoc | Drawn By: |



| Title | | |
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| Size | Number | Revision |
| A4 | | |
| Date: | 6-22-2020 | Sheet of |
| File: | E:\BME\...\power.SchDoc | Drawn By: |



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| Title | | |
| Size A4 | Number | Revision |
| Date: | 6-22-2020 | Sheet of |
| File: | E:\BME\...\wifi_sensor.SchDoc | Drawn By: |





| Description | Designator | Quantity | Reference | Supplier | ProjectName |
|---------------------------|---|----------|-------------------|-----------------------|---------------------|
| Header: 3-Pin, (Not used) | P_5_U3 | 2 | | | Quadruped projcb |
| | U1 | 1 | 2494459 | Farnell | Quadruped projcb |
| | U_3V3 | 1 | 2208359 | Farnell | Quadruped projcb |
| | U_5V | 1 | 2382162 | Farnell | Quadruped projcb |
| Capacitor | C7, C8 | 2 | 2223956 | Farnell | Quadruped projcb |
| Capacitor | C11 | 1 | 2675988 | Farnell | Quadruped projcb |
| Polarized Capacitor | C9 | 1 | 2762172 | Farnell | Quadruped projcb |
| Quarz Crystal | X1 | 1 | 2208478 | Farnell | Quadruped projcb |
| Resistor | R1 | 1 | 9223938 | Farnell | Quadruped projcb |
| Resistor | R6 | 1 | 2073868 | Farnell | Quadruped projcb |
| Resistor | R9 | 1 | 9223881 | Farnell | Quadruped projcb |
| Resistor | R10, R11 | 2 | 9223804 | Farnell | Quadruped projcb |
| | R_RST | 1 | 45-09-96 | Lomex | Quadruped projcb |
| | P_1b_b, P_1b_k, P_1b_s, P_1f_b, P_1f_k, P_1f_s, P_2b_b, P_2b_k, P_2b_s, P_2f_b, P_2f_k, P_2f_s | 12 | 43-16-04 | Lomex | Quadruped projcb |
| | P_P | 1 | 43-27-99 | Lomex | Quadruped projcb |
| Apin Connector | P0B | 1 | 43-09-96 | Lomex | Quadruped projcb |
| Apin Connector | P0DAR | 1 | 43-17-55 | Lomex | Quadruped projcb |
| Blue LED | D1 | 1 | 95-01-58 | Lomex | Quadruped projcb |
| Capacitor | C1, C2 | 2 | 62-10-76 | Lomex | Quadruped projcb |
| Capacitor | C5, C6 | 2 | 62-08-38 | Lomex | Quadruped projcb |
| Fuse | F1 | 1 | 44-03-11 | Lomex | Quadruped projcb |
| Polarized Capacitor | C10 | 1 | 92-01-45 | Lomex | Quadruped projcb |
| Red LED | D2 | 1 | 95-00-19 | Lomex | Quadruped projcb |
| Resistor | R2, R3, R4 | 3 | 80-11-47 | Lomex | Quadruped projcb |
| Resistor | R5 | 1 | 81-10-02 | Lomex | Quadruped projcb |
| Resistor | R13 | 1 | 80-01-97 | Lomex | Quadruped projcb |
| Yellow LED | D5 | 1 | 95-03-84 | Lomex | Quadruped projcb |
| | Adshut BND055 | 1 | 485-2472 | Mouser Electronics | Quadruped projcb |
| | S | 1 | BMS1510DA MDCE | TME | Quadruped projcb |