

FilterCheck

ELECTRICAL



ATOR Labs
7506 Holley Cir
Panama City Beach, FL 32408

SCHEME
Cover page
REVISION
A

SOLIDWORKS Electrical

SOLIDWORKS Electrical

Battery Space

| | Reference | Mark | Description | Quantity |
|---|-----------|--------------------|----------------------------|----------|
| 1 | CU-J294 | G1 | BATTERY PACK, 25.6VDC, 3AH | 1 |

CenryKay

| | Reference | Mark | Description | Quantity |
|---|-----------|--------------------|----------------------------|----------|
| 1 | JDQ | K2 | RELAY, 2CH, 5VDC COIL, 10A | 1 |

DTECH

| | Reference | Mark | Description | Quantity |
|---|--------------|--------------------|---|----------|
| 1 | DT-6560-1.8m | P1 | CONNECTOR, USB TO TTL 3.3V, W/6FT CABLE | 1 |

EDGELEC

| | Reference | Mark | Description | Quantity |
|---|------------|--------------------|----------------------|----------|
| 1 | B07NPR215H | H2 | LED, BLUE, 3MM, 12V | 1 |
| 2 | B07PXYYB56 | H1 | LED, GREEN, 3MM, 12V | 1 |

FAFEICY

| | Reference | Mark | Description | Quantity |
|---|-------------------|--------------------|------------------------------------|----------|
| 1 | Fafeicya6i34v0opm | E2 | CONVERTER, 3.3V PWM TO 0-5V ANALOG | 1 |

JUYI TECH

| | Reference | Mark | Description | Quantity |
|---|-------------|--------------------|---------------------------------------|----------|
| 1 | JYQD-V6.3E2 | E1 | DRIVER BOARD, BLDC MOTOR, 12-36V, 15A | 1 |

MCMaster-CARR

| | Reference | Mark | Description | Quantity |
|---|-----------|--------------------|----------------------------|----------|
| 1 | 7395K110 | S1 | SWITCH, ROCKER, 2 POSITION | 1 |

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-> MCMaster-CARR

| | | | | |
|---|-----------|------------|--|----------|
| | Reference | Mark | Description | Quantity |
| 2 | 9397K15 | SPD1, SPD2 | CRIMP, SPADE, FEMALE, 14-16GA, BU, SOLDER-LOADED | 2 |

Mean Well

| | | | | |
|---|------------|------|-------------------------|----------|
| | Reference | Mark | Description | Quantity |
| 1 | OWA-60U-30 | CN1 | AC/DC ADAPTER, 30V, 60W | 1 |

MICRONEL USA

| | | | | |
|---|---------------|------|-------------------|----------|
| | Reference | Mark | Description | Quantity |
| 1 | U65ML-024KS-5 | M1 | FAN BLOWER, 24VDC | 1 |

OONO

| | | | | |
|---|------------|------|--|----------|
| | Reference | Mark | Description | Quantity |
| 1 | B08R7P8G9X | J1 | BREAKOUT BOARD W/TERMINALS, TEENSY 4.1 | 1 |

PJRC

| | | | | |
|---|-----------|------|------------------------------|----------|
| | Reference | Mark | Description | Quantity |
| 1 | TEENSY41 | N1 | TEENSY 4.1 DEVELOPMENT BOARD | 1 |

QOFOWIN

| | | | | |
|---|------------|------|---|----------|
| | Reference | Mark | Description | Quantity |
| 1 | B08P5PJBCM | CN1 | CONNECTOR, BARREL, 5.5x2.1MM, W/PIGTAIL | 1 |

RHINO

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|---|---------------|------|-----------------------|----------|
| | Reference | Mark | Description | Quantity |
| 1 | PSE24-DC12-40 | G2 | CONVERTER, DC/DC, 24V | 1 |

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SPARKFUN

| | Reference | Mark | Description | Quantity |
|---|-----------|----------|----------------------------------|----------|
| 1 | CAB-14574 | CN2, CN5 | JST-SM PIGTAIL CONNECTOR (2-PIN) | 2 |
| 2 | CAB-14575 | CN3 | JST-SM PIGTAIL CONNECTOR (3-PIN) | 1 |

TOBSUN

| | Reference | Mark | Description | Quantity |
|---|-----------|------|----------------------|----------|
| 1 | LTC0389-X | G3 | CONVERTER, DC/DC, 5V | 1 |

TSI

| | Reference | Mark | Description | Quantity |
|---|-----------|------|---------------------------------|----------|
| 1 | 5310 | P1 | FLOWMETER, HIGH FLOW, 5310, TSI | 1 |

UGREEN

| | Reference | Mark | Description | Quantity |
|---|------------|------|---|----------|
| 1 | B07VJNQT6F | P1 | CABLE, USB (STRAIGHT) TO USB-C (90°), 1.5FT | 1 |

UXCELL

| | Reference | Mark | Description | Quantity |
|---|-----------------|------|--|----------|
| 1 | A19041700UX0542 | CN4 | CABLE, RIBBON, FLAT, 36P, FPC/FFC, 0.5MM PITCH | 1 |
| 2 | A19042900UX0610 | CN4 | CONNECTOR, EXTENSION, 36PIN TO 36PIN, FFC/FPC, 0.5MM PITCH | 1 |

Walfront

| | Reference | Mark | Description | Quantity |
|---|------------|------|--------------------------|----------|
| 1 | B07B48CW3Y | K1 | BATTERY SWITCHING MODULE | 1 |

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WARMSTOR

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|---|------------|--------------------|-----------------------|----------|
| | Reference | Mark | Description | Quantity |
| 1 | LR4P-USBMF | P1 | ADAPTER, USB 3.0, 90° | 1 |