

| | |
|----------------------------|---------------------------|
| BOM Name | Bluetooth AC Switch |
| Date | 20 Nov 2018; 19:06:24 GMT |
| Last update by user | bruslinj@oregonstate.edu |
| Created by user | bruslinj@oregonstate.edu |
| Revision | Latest |

| Part Number | Quantity | Cost | Supplier Part Number | Manufacturer |
|---------------------------|----------|------|------------------------|-------------------------------|
| A 2-Pack Dual Port USB Wa | 1 | 8.99 | N/A | Vogek |
| ORWH-SH-105D1F,000 | 3 | 1.35 | PB2032-ND | inectivity Potter & Brumfield |
| 739W-X2/32-A | 3 | 1.26 | Q1211-ND | Qualtek |
| CS71020KMABTR-030B3-I2 | 1 | 5.26 | 620-1996-1-ND | Allegro MicroSystems, LLC |
| MAX40200AUK+T | 2 | 0.65 | MAX40200AUK+TCT-ND | Maxim Integrated |
| 10103592-0001LF | 1 | 0.78 | 609-4048-1-ND | Amphenol ICC (FCI) |
| RC0201FR-071ML | 4 | 0.1 | 311-1MMCT-ND | Yageo |
| FSM4JRT | 2 | 0.17 | 450-2038-1-ND | nnectivity ALCOSWITCH Sv |
| MBT2222ADW1T1G | 3 | 0.24 | IBT2222ADW1T1GOSCT-NI | ON Semiconductor |
| 1N4148W-7-F | 3 | 0.18 | 1N4148W-FDICT-ND | Diodes Incorporated |
| W57-XB1A7A10-5 | 1 | 3.02 | PB1068-ND | inectivity Potter & Brumfield |
| ACS722LLCTR-10AB-T | 2 | 5.54 | 620-1635-1-ND | Allegro MicroSystems, LLC |
| ESP32-WROOM-32 | 1 | 6.8 | 1904-1010-1-ND | Espressif Systems |
| LM1117MPX-3.3/NOPB | 1 | 1.14 | M1117MPX-3.3/NOPBCT-NI | Texas Instruments |
| CP2102-GMR | 1 | 3.17 | 336-1160-1-ND | Silicon Labs |

* = Available now

| Supplier | Lead time | Description |
|----------|---------------|----------------------------------|
| Amazon | N/A | AC plug for microcontroller |
| Digikey | 4 Weeks | RELAY GEN PURPOSE SPDT 10A 5V |
| Digikey | 23 Weeks | 15A 125VAC NEMA 5-15R CONVENIENC |
| Digikey | 10 Weeks | SINGLE PHASE, ISOLATED, POWER MO |
| Digikey | 6 Weeks | IC DIODE CURRENT SWITCH SOT23-5 |
| Digikey | 12 Weeks | CONN RCPT USB2.0 MICRO B SMD R/A |
| Digikey | 17 Weeks | RES SMD 1M OHM 1% 1/20W 0201 |
| Digikey | 9 Weeks | SWITCH TACTILE SPST-NO 0.05A 24V |
| Digikey | 40 Weeks | TRANS 2NPN 40V 0.6A SOT363 |
| Digikey | 32 Weeks | DIODE GEN PURP 100V 300MA SOD123 |
| Digikey | 16 Weeks | CIR BRKR THRM 5A 250VAC |
| Digikey | Not Available | SENSOR CURRENT HALL 10A AC/DC |
| Digikey | 4 Weeks | SMD MODULE, ESP32-D0WDQ6, 32MBIT |
| Digikey | 8 Weeks | IC REG LIN 3.3V 800MA SOT223-4 |
| Digikey | Not Available | IC USB-TO-UART BRIDGE 28VQFN |

[illegible]

[illegible]