ECE Department Date: 12/04/2020

Bill Of Material

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Line  Item(s) | Qty | **PART #’s and BRIEF DESCRIPTION (Please link to vendor part)** | | Unit Price | Total Price |
| 1 | 1 | Part Number: 486-4011-ND  LINE FILTER 5500-2018 (FPP-02 1-Phase Line Filters) 125/250VAC 4A TH  <https://www.digikey.com/en/products/detail/schurter-inc/5500-2018/641534> | | $8.14 | $8.14 |
| 2 | 1 | Part Number: LT1076CT#06PBF-ND  (Step-down switching Regulator IC for Buck, Boost, Flyback converter)  <https://www.digikey.com/en/products/detail/analog-devices-inc/LT1076CT-06PBF/1745767> | | $8.47 | $8.47 |
| 3 | 10 | Part Number: 497-6610-1-ND - Cut Tape (CT)  Diode Schottky 40V 1A Through Hole DO-41  <https://www.digikey.com/en/products/detail/stmicroelectronics/1N5819/1865421> | | $0.247 | $2.47 |
| 4 | 1 | Part Number: RLB9012-560KL-ND  Fixed Inductor 56µH Unshielded Wirewound, 1.48A 180mOhm Max Radial, Vertical Cylinder  <https://www.digikey.com/en/products/detail/bourns-inc/RLB9012-560KL/1969601> | | $0.72 | $0.72 |
| 5 | 2 | Part Number: 493-15694-ND  1000µF 10V Aluminum Electrolytic Capacitors Radial  <https://www.digikey.com/en/products/detail/nichicon/UPM1A102MHD6/2599490> | | $0.81 | $1.62 |
| 6 | 2 | Part Number: 493-14543-1-ND - Cut Tape (CT)  100µF 25V Aluminum Electrolytic Capacitors Radial  <https://www.digikey.com/en/products/detail/nichicon/UHE1E101MED1TD/5800243> | | $0.32 | $0.64 |
| 7 | 1 | Part Number: 445-180608-1-ND - Cut Tape (CT)  0.033µF ±5% 50V Ceramic Capacitor  <https://www.digikey.com/en/products/detail/tdk-corporation/FA24C0G1H333JNU06/9560734> | | $0.68 | $0.68 |
| Sub Total | | $22.74 |
| Shipping | | $7.99 |
| Total Price | | $30.73 |