Analytical Budget

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| **Quantity** | **Name** | **Part number** | **Description** | **Price** | **Grand Total** |
| 1 | CN1 | ED2611-ND | TERM BLOCK 5.08MM VERT 4POS PCB | $1.53 |  |
| 1 | C1 | 445-8552-ND | CAP CER 10UF 25V X7R RADIAL | $0.85 |  |
| 2 | JP1, JP | S7014-ND | CONN HEADER FEMALE 16POS.1” TIN | $3.30 |  |
| 1 | R1 | CF14JT120RCT-ND | RES 120 OHM 1/4W 5% AXIAL | $0.14 |  |
| 1 | R2 | CF14JT10R0CT- ND | RES 10 OHM 1/4W 5% AXIAL | $0.14 |  |
| 1 | R3 | CF14JT100KCT-ND | RES 100K OHM 1/4W 5% AXIAL | $0.14 |  |
| 1 | IC1 | 296-1739-5-ND | IC TXRX DIFF BUSS 8DIP | $2.22 |  |
| 1 | IC1 Socket | AE9986-ND | CON IC DIP SOCKET 8POS TIN | $0.26 |  |
| 1 | Pololu Module | D24V50F5 | STEP-DOWN VOLTAGE REGULATOR FIXED 5V/5A OUTPUT  http://www.robotshop.com/ca/en/pololu-step-down-voltage-regulator-d24v50f5.html | $19.17  +$7.10 |  |
| 1 | Pololu  Socket | S6103-ND | CONN HEADER FEM 5POS .1” SGL | $0.83 |  |
| 1 | Header pins | S1011EC-40-ND | CONN HEADER .100” SNGL STR 40 POS | $0.99 |  |
| 1 | Linx Module | TRM-900-NT-ND | RF TXRX MODULE ISM<1GHZ | $40.74 |  |
| 1 | Antenna | S467FL-6-PX-915S | 5wv 2dBi RA u.FLplg  RoHS Compliant  http://ca.mouser.com/Passive-Components/Antennas/\_/N-8w0fa?P=1z0wkurZ1yzxokc | $21.44  +$20.00 |  |
| 1 |  |  | digikey.ca standard shipping | $8.00 |  |
|  |  |  | Before Taxes |  | $126.85 |
|  |  |  | Taxes |  | $16.49 |
|  |  |  | Including Taxes |  | $143.34 |