Bill of material

For single Mainboard unit

|  |  |  |  |
| --- | --- | --- | --- |
| Package Name | Number | Unit Price\* | Total |
| LM324N | 2 | 4 | 8 |
| 1N4148 | 8 | 0.25 | 2 |
| N.7+7 | 2 | 0.5 | 1 |
| N.20+20 | 1 | 1.5 | 1.5 |
| 470 OHM | 8 | 0.05 | 0.4 |
| 1K OHM | 8 | 0.05 | 0.4 |
| 10K OHM | 17 | 0.05 | 0.85 |
| ZENER DIODE 5.1 V | 16 | 0.5 | 5 |
| PC817 | 8 | 1.5 | 12 |
| USB FEMALE TYBE B | 1 | 3.5 | 3.5 |
| DC POWER CONNECTOR ON PCB | 1 | 1.5 | 1.5 |
| 2N2222 NPN | 8 | 0.35 | 2.8 |
| 10NF CERAMIC CAPACITOR | 8 | 0.25 | 2 |
| 22PF CERAMIC CAPACITOR | 2 | 0.25 | 0.5 |
| CRYSTAL 20MHZ | 1 | 3 | 3 |
| DB9 FEMALR RIGHT ANGLE PCB | 3 | 3.5 | 10.5 |
| COPPER SPACER 8 MM M/F | 3 | 1.25 | 3.75 |
| PUSH BUTTON TYPE 2 | 1 | 3 | 3 |
|  | 97 |  | 61.7 L.E. |

\*all Prices from RAM Electronics website 05/01/2018