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| Component | Quantity  Consolidated Inventory List | Model No./Mtf. Part No. | Rs Stock No. | Cost/unit |
| Amphenol Female Panel Mount RJ45 Connector, LAN Category Cat5e | 02 | RJF TV 71G | 448-0006 | SGD95.24 |
| Raspberry Pi 3 Model B SBC | 12 | Raspberry Pi 3 Model B | 896-8660 | SGD51.48 |
| Amphenol Male Cable Mount Field RJ45 Connector, LAN Category Cat5e | 12 | RJF TV 6G | 447-9961 | SGD75.32 |
| Amphenol 62GB Series, 10 Way Panel Mount MIL Spec Circular Connector Receptacle, Pin Contacts,Shell Size 12 | 02 | 62GB-57A12-10PN | 813-9963 | SGD44.21 |
| Amphenol 62GB Series, 10 Way Cable Mount MIL Spec Circular Connector Plug, Socket Contacts,Shell Size 12 | 15 | 62GB-16J12-10SN | 813-9698 | SGD64.89 |
| Amphenol 62GB Series, 6 Way Panel Mount MIL Spec Circular Connector Receptacle, Socket Contacts,Shell Size 10 | 02 | * 62GB-57A10-06SN | 813-9957 | SGD35.78 |
| Amphenol 62GB Series, 6 Way Cable Mount MIL Spec Circular Connector Plug, Socket Contacts,Shell Size 10 | 15 | * 62GB-56T10-06SN | 450-354 | SGD32.17 |
| Phoenix Contact M12 8-Pin 3m Female Cable & Connector | 15 | 1522600 | 856-5858 | SGD38.85 |
| RS Pro W81136 Series, 2.54mm Pitch 36 Way 1 Row Straight Pin Header, Through Hole, Solder Termination | 0 | W81136T3825RC | 251-8632 | SGD0.643 |
| RS Pro RJ45 Connector Socket, Right Angle, PCB Mount | 15 |  | 331-6443 | SGD2.87 |
| TRACOPOWER Through Hole Isolated DC-DC Converter, Vin 18 → 36 V dc, I/O isolation 1500V dc, Vout 12V dc | 14 | TEN 3-2412 | 217-6733 | SGD26.59 |
| Preci-Dip 2.54mm Pitch Vertical 24 Way, Through Hole Turned Pin Open Frame IC Dip Socket, 1A | 15 | 110-87-624-41-001101 | 702-2767 | SGD2.094 |
| Amphenol Male Cable Mount Field RJ45 Connector, LAN Category Cat5e | 16 | RJF TV 6G | 447-9961 | SGD75.32 |

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| Component | Quantity | Model No./Mtf Part No. | Website | Cost/unit |
| PoE for 5 volt and 12 volt non-PoE Devices | 14 | WS-POE-5v10w | https://find-a-poe.com/ product/PoE-for-USB-and-non-PoE-Devices/ |  |
| MAX31865 PT-100 RTD to Digital Breakout | 02 | SEN-30201-PT100 | <http://www.playingwithfusion.com>/productview.php?pdid=25 | USD$29.95 |
| Jack to micro USB connectors | 16 |  |  |  |
| ADC Pi Plus | 03 |  | https://www.abelectronics.co.uk/p/56/ADC-Pi-Plus-Raspberry-Pi-Analogue-to-Digital-converter | £15.49 |
| RTC Pi Plus | 03 |  | https://www.abelectronics.co.uk/p/52/RTC-Pi-Plus | £9.25 |
| Raspberry Pi GPS HAT | 1 | MMP-0203 | https://www.modmypi.com/raspberry-pi/breakout-boards/hab-supplies/raspberry-pi-gps-hat | £35.99 |
| AMPHENOL EP5-13 5 pin female panel | 16 | 44-513 | http://www.canford.co.uk/Products/44-513\_AMPHENOL-EP5-13-5-pin-female-panel | £14.14 |
| Velishy MaleTo Female Jumper Wire Ribbon Cable for Arduino 10CM | 2 |  | http://www.lazada.sg/velishy-male-to-female-jumper-wire-ribbon-cable-for-arduino-10cm-2548323.html?boost=1 | SGD 3.20 |
| 40 x 10cm Male To Female Jumper Wires Calbe 2.54mm(Export) | 2 |  | http://www.lazada.sg/40-x-10cm-male-to-female-jumper-wires-calbe-254mmexport-6512165.html?boost=1 | SGD 18.00 |
| Flat Ethernet Cable |  |  | Will buy in simlim when needed. |  |

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| Component | Quantity | Model No./Mtf. Part No. | Element 14 Stock No. | Cost/unit |
| AMP FROM TE CONNECTIVITY  770602-5  Wire-To-Board Connector, 2.54 mm, 5 Contacts, Receptacle, CST-100 Series, Crimp, 1 Rows | 30 | 770602-5 | 749977 | S$0.26 |
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