# Motherboard REVC PCB quote

1. **PCB fabrication and assembly from external source option**

|  |  |  |  |
| --- | --- | --- | --- |
| **Vendor** | **Quantity** | **Total turn time** | **Total cost including components (excluding tax and shipping) USD** |
| Screaming circuits | 5 | 9 days | 3093.88 $ |
| Screaming circuits | 10 | 9 days | 4789.69 $ |

1. **PCB assembly in WEMPEC option**
2. **PCB fabrication**

|  |  |  |  |
| --- | --- | --- | --- |
| **Vendor** | **Quantity** | **Total turn time** | **Total cost (excluding tax and shipping) USD** |
| Sunstone circuits (US) | 5 | 3 days | 816.25 $ |
| Sunstone circuits (US) | 10 | 3 days | 1038.5 $ |
| PCBWay (China) | 5 | 12 days | \*148 $ |
| PCBWay (China) | 10 | 12 days | \*178 $ |

\*Shipping charge from china is 40$

1. **BOM (Component costs)**

|  |  |  |
| --- | --- | --- |
| **Vendor** | **Quantity** | **Total cost (excluding tax and shipping) USD** |
| Digikey | 1 | 211.23 $ |

**PCB fabrication + components costs (a+b)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Vendor** | **Quantity** | **\*\*PCB Fab cost USD** | **Components costs USD** | **\*\*Total cost (PCB fabrication + components) USD** |
| Sunstone circuits (US) | 5 | 816.25 $ | 787.41 $ | 1603.66 $ |
| Sunstone circuits (US) | 10 | 1038.5 $ | 1432.71 $ | 2471.21 $ |
| PCBWay (China) | 5 | \*\*148 $ | 787.41 $ | 935.41 $ |
| PCBWay (China) | 10 | \*\*178 $ | 1432.71 $ | 1610.71 $ |

\*Excluding tax and shipping charges

\*\*Shipping charge from china is 40$