

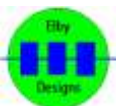


## Reference Unit

### Construction Guide

Revision P0.5

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# Reference Unit

Construction of the Reference Unit requires the assembly of 1 board:-

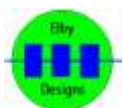
Main - Reference PCB ([3D Model](#))

Constructors should refer to the [Component Overlay](#) for any specific comments regarding the board assembly, the [Bill of Materials](#) for the current value of all components and [General Construction Notes](#) for general PCB assembly guidelines. You are advised to check all of these documents on our website to ensure you have the latest copy.

1. Fit all components to the main board starting with D1

## Calibration

1. Monitor [OUT]
2. Set the [RANGE] switch to '5' and the [POLARITY] switch to '+Ve'.
3. Adjust P1 for 5.00V.
4. Check the other ranges to ensure that they are within 0.1% of their nominal value.



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