



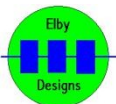
## CGS758 - Utility LFO

### Construction Guide

Revision 1.0

PCB Revision V0.1

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# CGS758 - Utility LFO

Construction of the [CGS758](#) requires the assembly of 4 separate boards:-

Column 1 - Panther Jack PCB

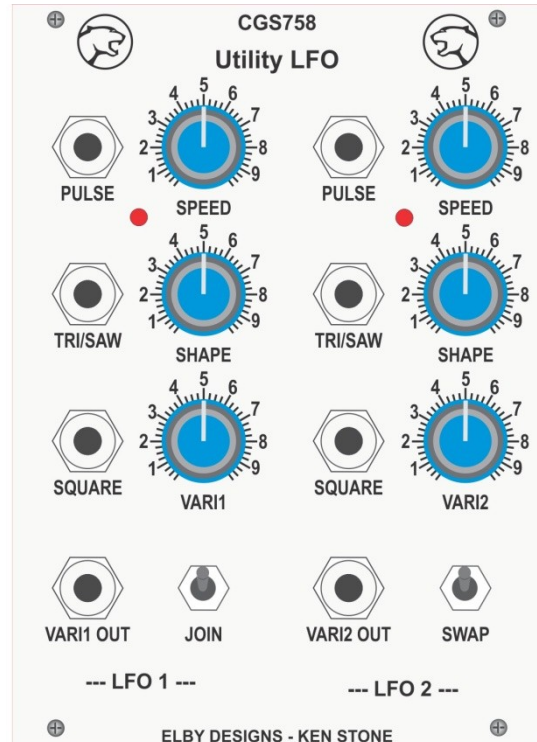
Column 2 - CGS758-JOIN PCB ([3D Model](#))  
([Overlay](#))

Column 3 - Panther Jack

Column 4 - CGS758-SWAP ([3D Model](#)) ([Overlay](#))

Constructors should refer to the PCB Overlays for any specific comments regarding the board assemblies, the [Bill of Materials](#) for the current value of all components and [General Construction Notes](#) for general PCB assembly guidelines.

1. Assemble the 2x Switch Carrier boards ([3D Model](#))
2. Fit all components to the boards following normal assembly guidelines except for the 2 switches
3. Mount one of the sub-assemblies on to the CGS758-JOIN assembly and offer up to the front panel securing using the supplied nuts.
4. Solder the switch sub-assembly ensuring that the toggle action is vertical
5. Repeat steps (3) and (4) for the CGS758-SWAP assembly.
6. Solder the switch sub-assembly ensuring that the toggle action is vertical
7. Fit the 4x cable assemblies

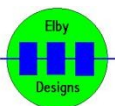


## Calibration

The CGS758 does not need any calibration or set-up.

## Addendum

A PCB error on the JOIN PCB has resulted in the [JOIN] switch operation being upside down



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