

# All-valve VFO/Frequency counter/Huff & Puff Stabiliser

Written by Hans Summers

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21 pages from "Quartz Crystal Oscillator Circuits Design Handbook" by D. Firth of Magnavox Company, Fort Wayne, Indiana. This epic was published in March 1965 and this chapter contains everything I need to know about how to build a low frequency crystal oscillator using valves (tubes). Many thanks to Len Anderson for sending me this information.

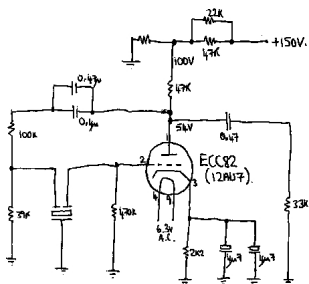
[Click here to view the 809 KBytes .pdf file](#) .

NOTE: Viewing Adobe Acrobat directly in Internet Explorer doesn't always work for me. If you get problems, you might find it better to right click on the link above, and select "Save Target As...".

## 8.000 KHz OCXO

More info on the 8.000 KHz OCXO: [Click Here!](#) .

## Troublesome crystal oscillator circuit:



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