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## Huff & Puff Oscillator Stabilisers

Written by Hans Summers

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[White WN5Y](#)

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### Minimalist 1, 2 and 3-chip VFO + Stabiliser designs

A selection of minimalist [Huff & Puff](#) projects: 2-chip combined VFO + Stabiliser; 3-chip combined VFO -



### All-valve Huff & Puff stabiliser (under construction)

I am attempting to build [Beal-valve](#) VFO, Huff & Puff Stabiliser and Frequency counter. The timebase w

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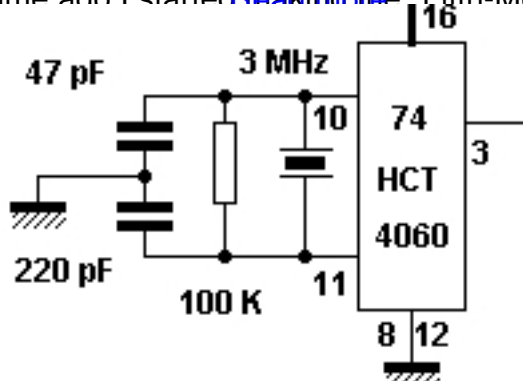
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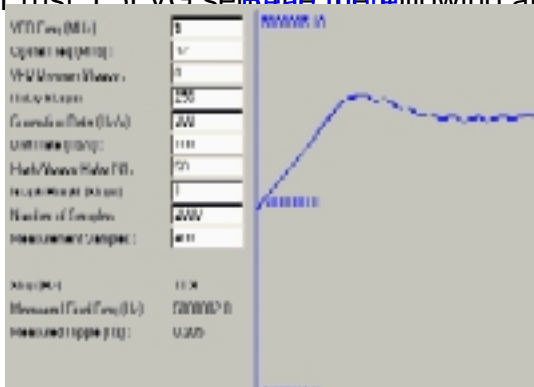
### Partial construction of Fifth-Method stabiliser

A long time ago I started [working on the](#) "Fifth-Method Stabilised Oscillator" as described by the original Huff



### A Simple Frequency Stabiliser, by Olivier F5LVG

Olivier Ernst, F5LVG sent [me the](#) following article about his simple frequency stabiliser, built according to



### Huff & Puff Stabiliser Frequency Simulator

I wrote a rather basic Java [Resimulator](#) for Huff & Puff Stabilisers in January 2001. The simulator is very fa



### Huff & Puff Stabiliser Ripple Simulator

In June 2000 I wrote a [Read more](#) Visual Basic to investigate the effects of the number of shift register c



### "Fast" Huff & Puff calculator by John VK6JY

In June 2000 I wrote a [Read more](#) Visual Basic to investigate the effects of the number of shift register c

### Huff & Puff Stabilisers on the Web

[huffpuff/fast.html](http://huffpuff/fast.html) Magnetically-Coupled fast Huff & Puff stabiliser by Hans Summers, G0UPL

<http://oernst.f5lvg.free.fr/oscil/stab/stab.html> A Simple Frequency Stabiliser by Olivier Ernst, F5LVG

<http://www.pan-tex.net/usr/r/receivers/elrstbzzr.htm> A unique magnetically-coupled stabiliser by David White, WN5Y

<http://homepage.tinet.ie/~ei9gq/stab.html> Eamon Skelton EI9GQ's PIC-controlled stabiliser

<http://www.qsl.net/it9xxs/frmain.htm> Another stabiliser, by Giovanni Mazzola, IT9XXS

<http://members.ziggo.nl/cmulder/ksbstabi.htm> Carel Mulder PA0CMU's stabiliser design, from PA0KSB's improved version, 1996

[http://www.qsl.net/om3cph/counter/lcd/contribs/pic\\_flick.htm](http://www.qsl.net/om3cph/counter/lcd/contribs/pic_flick.htm) Osmo OH6CJ's PIC Frequency Counter with Frequency Lock function

<http://home.kpn.nl/brink120/huf2.htm> Ron PA2RF's "Fast" type minimalist Huff Puff stabiliser

<http://www.cumbriadesigns.co.uk/x-lock.htm> X-lock stabiliser kit by Cumbria Designs

<http://www.aholme.co.uk/Stab/Stab.htm> CPLD (programmable logic) "Fast" stabiliser design by Andrew Holme