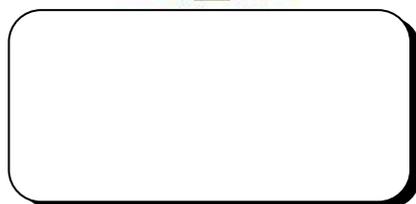
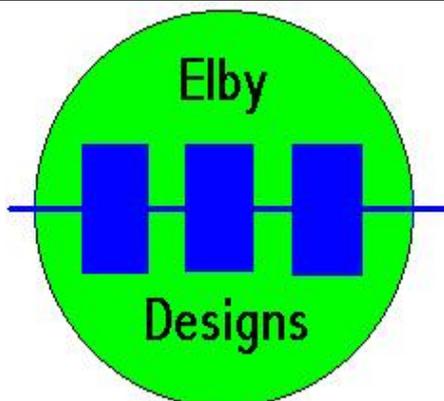


# Elby Designs Newsletter



## POLYDAC V3.3 PCB'S

An error has been found in the V3.3 release of the PolyDAC pcb resulting in the ASSIGN function not working. A wire link needs to be added to fix this problem.

The wire link should run from pin 5 of U102 (the ATMEGA chip) to pin 2 of R114 (the resistor network next to the OPTION connector).

## DOEPFER IN AUSTRALIA

Elby Designs is pleased to announce the availability of the Doepfer product range here in Australia.

The popular Dark Energy is now in stock and over the coming months we will be adding to the range from the A-100 family.

Please feel free to browse the shop on our website. If there is something you want that is not listed then email me at

[elby\\_designs@ozemail.com.au](mailto:elby_designs@ozemail.com.au)

and we will add it to the list.

Please note that where a product is available from Doepfer with a mains power supply, such as the Dark Energy and LMK keyboards, that we will be supplying them with Australian MEPS compliant units and these are included in the price listed on our website.

## PANTHER FAMILY

Things have been pretty quiet in the Panther camp but over the next 2 months we plan to release:-

CGS738 Wave Multiplier,  
CGS757 Bi-N-Tic,  
CGS762 Slope Detector,  
and a revised CGS747 Cynare Simulator.

## MONOWAVE(X)

We are revisiting the MonoWave(X) in an effort to reduce the price and make it an even more attractive solution.

"This little fellow is the complete antithesis to today's synthesizer market:

- ▣ monophonic with 2 DCOs and 2 sub-oscillators
- ▣ no program memory
- ▣ completely analogue sound processing - and that today, where everybody is moving to digital simulations...

... but it sounds extremely good!

After this list of strange attributes (at least for the younger readers, hee hee), here are some of the facts about what it can do:

- ▣ 2U 19" rack device with MIDI In/Thru, Audio Out and a built-in PSU
- ▣ 2 digitally controlled oscillators with a selection of 256 waveforms, 127 from the PPG Wave, and a sub-oscillator
- ▣ Extremely fine detuning regulation between the two oscillators; in the latest software version, it can be used in two modes: fine detune (-1..+1 semitone) or semitone detune (-8..+7 semitones).
- ▣ "Hi-Rez" switch to increase the resolution of each of the oscillators. When turned off the MonoWave(X) can produce the now well-known aliasing effects that made the analogue-trained listeners cringe 20 years ago :-)
- ▣ Moog-Filter: Cloned with permission of the master himself, with the original sound and a lot of regulation possibilities. Of course you can turn it up into self-oscillation.
- ▣ ADSR Envelopes, separately tweakable for VCF and VCA. VERY fast beasts.
- ▣ Waveforms can be controlled via MIDI CC for each of the oscillators separately
- ▣ Arpeggiator with some modes, normal and staccato style
- ▣ LFO, can be separately added to oscillator 1, 2, and VCF
- ▣ there's a separate controller for nearly all sound forming elements. Some global elements (MIDI channel, arpeggiator mode and the like, which are stored in non-volatile memory) can be reached in submenus.

If you wish to be removed from this mailing list then please email at [elby\\_designs@ozemail.com.au](mailto:elby_designs@ozemail.com.au)