

Reader/Programmer

We have used a cheap Willem v5.0e EEPROM programmer (// port model with USB just for extra power) so far with good success but we had to [build an adaptor](#) because of the uncommon pinout of the Korg OS EPROMs (see below). You can find them on Ebay, not too expensive (40 USD or less may be).. However this design is not a very good investment since // port are less and less common, in fact newer PC motherboard have none. Unfortunately full USB burners are absurdly expensive. So it is not an easy choice.

UV eraser (optional)

Before flashing your old EPROMs you need to erase it with some Ultraviolet exposure. I use a DIY eraser made from [this page](#). However it's may be simpler and less costly to buy 2 new EPROMs.

Empty EEPROM CIs

The original model is a NEC D27C1000A-12. Be warned that the 27C1000 used by Korg have a special pinout which is not compatible with the other Eproms commonly said as the same family. For instance 27C1001 and 27C010 are not compatible with the 27C1000 used, and moreover you can find some 27C1000 that won't make it. The trick is to check pin2 and pin24 to see if they are swapped or not.

Here are some chips that may work but would require an adaptor or some modification:

MC27C1001 : Need 2x2 pins modifications

M27256 : ?

27c010 : ?

27C301 : ?

Source: <http://wavestation.site.voila.fr/>