

Sequential Circuits Prophet 5 Rev 2.0 “Memory Liberator” Installation Bell Tone Synth Works

Note: You will lose whatever saved patches your synth might have on it when you upgrade the memory with our Memory Liberator board. If you want to save them, back them up using the cassette interface (if your unit has it) so that you will be able to reload them later.

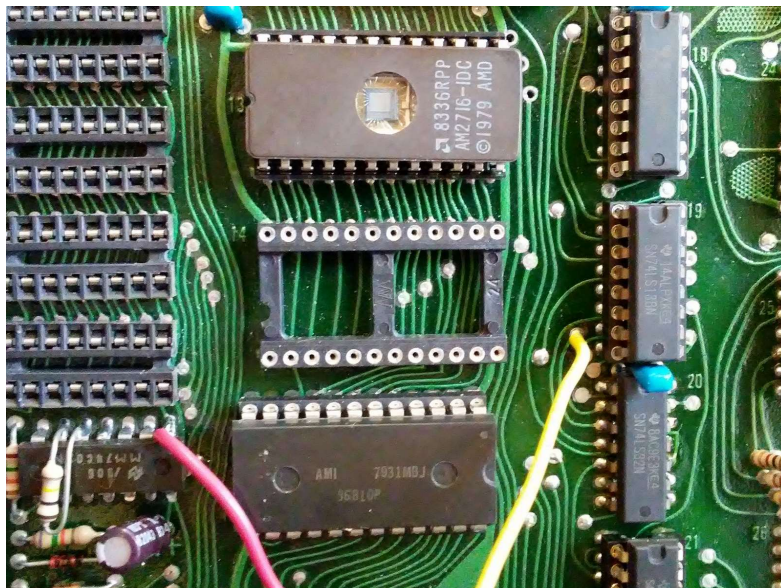
You will need:
the mod board provided by us
2 short pieces of wire

All of these steps will be performed on the CPU board, known as PCB 3, which is the furthest left PCB of the synth when you have the synth in “Service Position.”

Installation Steps

Remove all 8 of the original RAM chips (IC1 through IC8, at far left of CPU board) and the battery. You will no longer need these!

Very carefully remove the lowest of the EPROM chips, of which there will be either two or three depending on your synth’s firmware version. The one you remove will be designated as IC13 in units with two EPROMs or IC14 in units with three EPROMs. These are 24-pin ICs with either a transparent window or a sticker label showing the firmware revision.

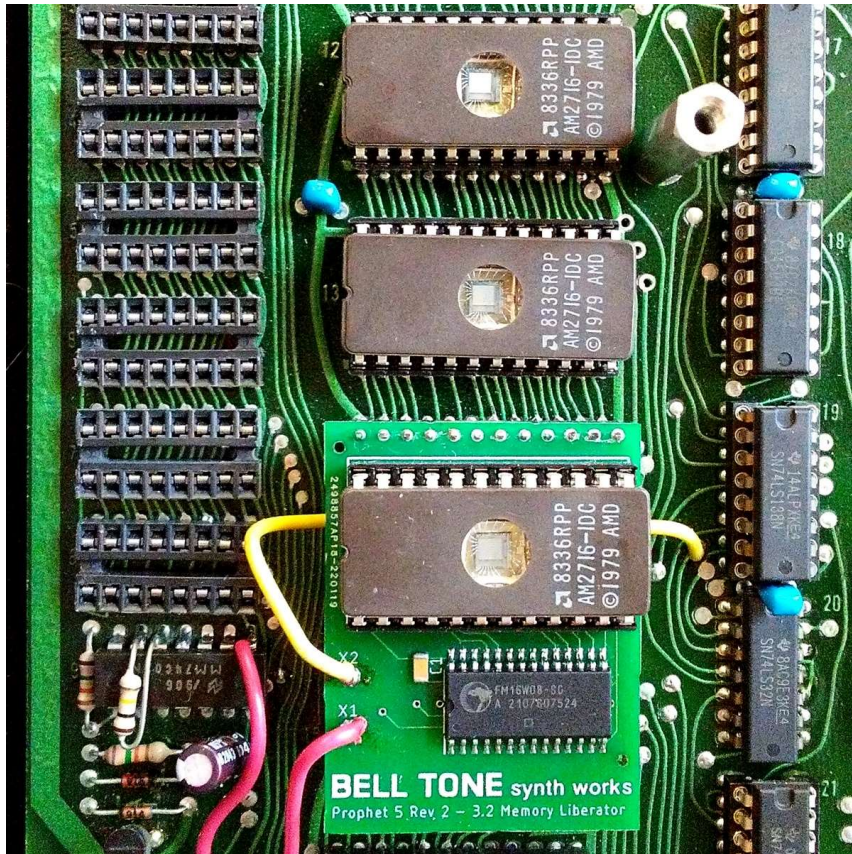


Solder a short wire to pin 1 of IC9 (the IC directly under the RAMs you removed in the first step). This wire will connect to X1 on the Memory Liberator board.

Solder another short wire to the via located to the left of pin 6 of IC19. (This via is actually connected to pin 3 of IC20.)

This wire will connect to X2 on the Memory Liberator board.

Insert the EPROM that you previously removed into the socket in the Memory Liberator board with its notch facing to the left.



Insert the Memory Liberator board into the socket that previously held the EPROM that you removed, as shown, with the half-circle divot on the silkscreen facing to the left as seen in the photo.

That's it!

You can now reload the factory patches or any that you have backed up if your synth has the cassette interface.