

## Sequential Circuits Prophet 10 “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 drive or MIDI (if available) so that you will be able to reload them later.

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

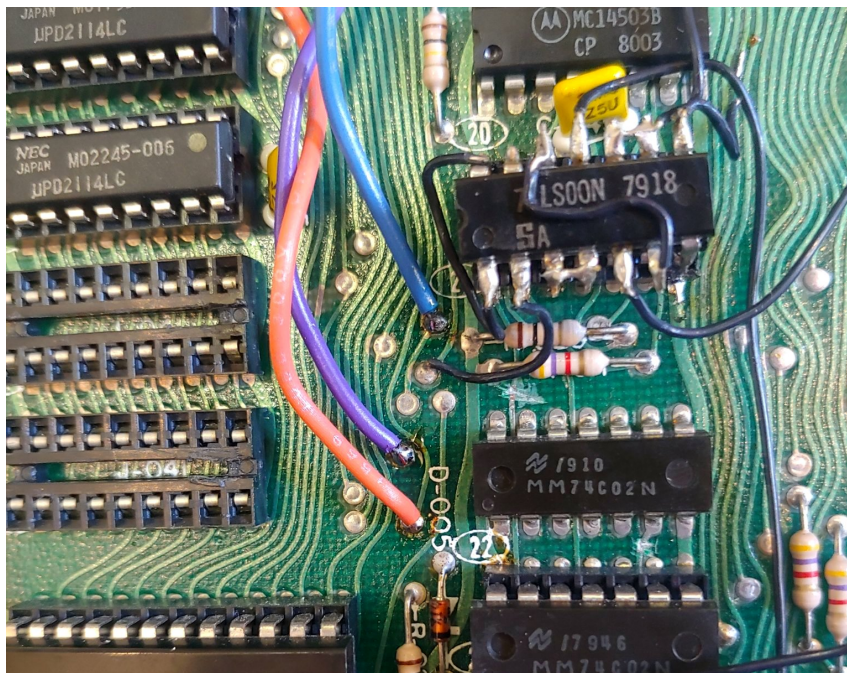
All of these steps will be performed on the CPU board, known as PCB 3, which is the furthest left PCB of the synth when you have the synth in “Service Position.”

### Installation Steps

Remove the 4 original patch memory RAM chips: IC7, IC8, IC11, and IC12, at the far left of the CPU board. Take note, these chips are all in the same vertical column but not consecutive, and IC9 and IC10 need to stay in place. Remove the battery. You will no longer need these!

Very carefully remove the lowest of the three EPROM chips (IC6). These are 24-pin ICs with either a transparent window or a sticker label showing the firmware revision.

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

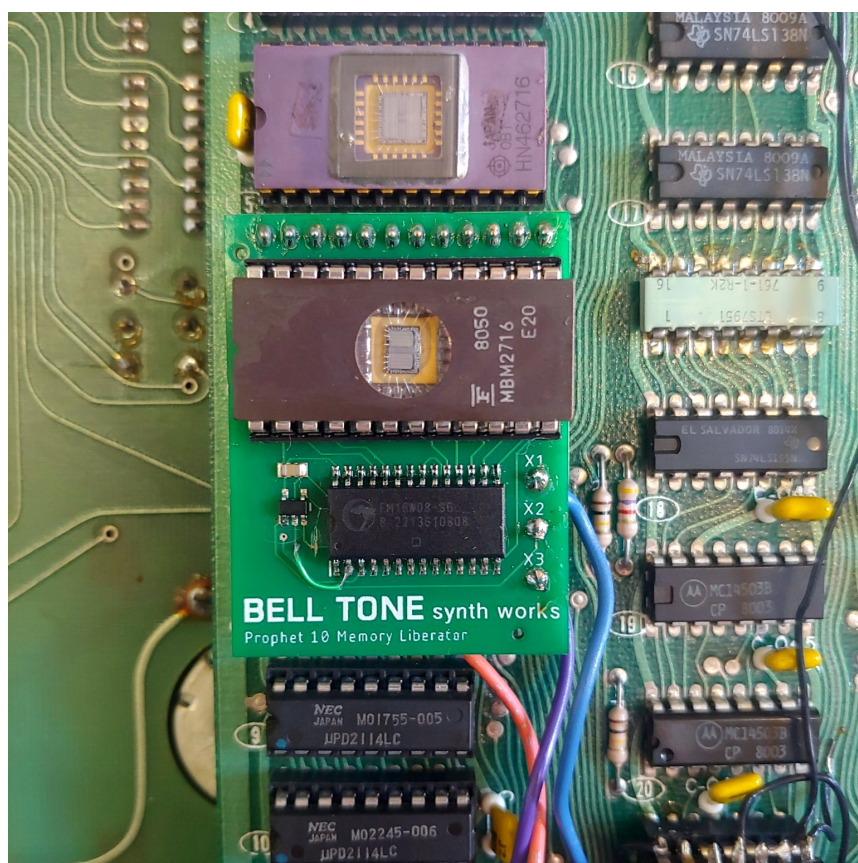


**Make the following wire connections with short pieces of wire:**

Solder a wire to the via just to the left of the 100k ohm resistor below IC21, which is the IC with the “ugly mod” on top of it (blue in the above photo).  
Connect this wire to X1 on the Memory Liberator board.

Solder another short wire to the via located just above and to the left of the diode D-005, to the left of pin 1 of IC22 (orange in the photo).  
Connect this wire to X2 on the Memory Liberator board.

Solder the third piece of wire to the via that is pretty much vertically right above where you just attached the orange wire, to the left of IC22 (purple in the photo).  
Connect this wire to X3.



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 whatever patches you have saved via cassette interface or MIDI.