

## Solid State Music IO4 (SSM-IO4) as Altair 88-2SIO

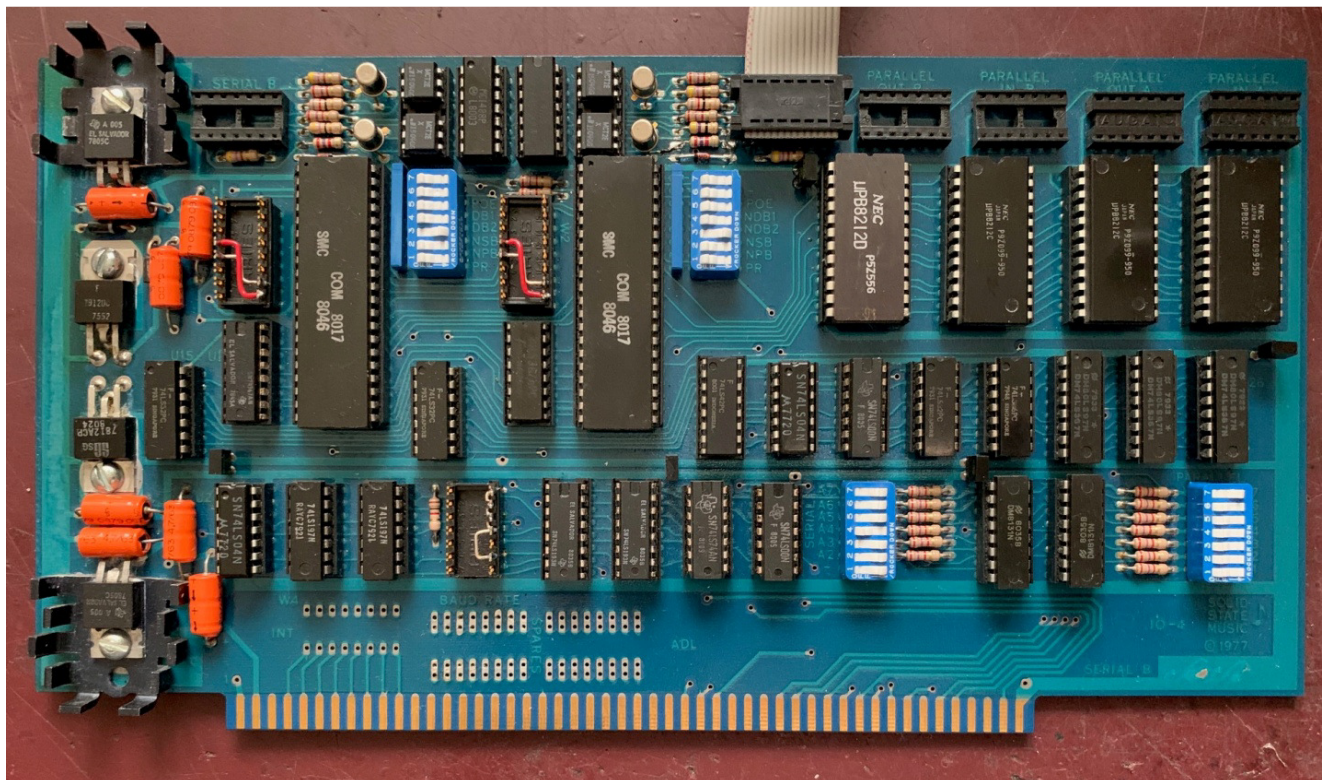
The SSM-IO4 board is a very versatile I/O board that can be made to look like a variety of early serial and parallel I/O boards. This document shows how to configure the IO4 to look like an Altair 88-2SIO. This works for most Altair software other than interrupt based serial I/O.

### Quick Version:

Duplicate the header wiring and DIP switch settings shown in this picture to implement both ports of the 88-2SIO. Port A (the one with the ribbon cable connected) is the main 2SIO port at 10h/11h. Port B is the second port on the 2SIO at 12h/13h.

Make sure the parallel port address (far right DIP switch) is different than the serial port base address (10h). The photo has the parallel port at I/O address 7Fh which is fine.

As shown, the baud rate header has both ports at 9600 baud.



(Picture courtesy of Thomas Riesen)