

# 1 The Serial Interf ace

The design of the SSDCC allows the implementation of two serial ports. These were made to be identical to those on the 1616's main board: the Z8530, the strapping blocks, the RS-232 drivers and receivers and the connector pin-outs all match those on the 1616. For the record, we had serial ports on the SSDCC prototype to help with debugging and to allow downloading of code to the Z80. After some head scratching and shoulder shrugging it was decided that the SSDCC deserved its own dual serial I/O ports.

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Think of this. In between the MC68000 and the serial ports on the SSDCC is a Z80H and 64K of RAM. This allows for some pretty powerful serial operations. For starters, what about a transparent (to the MC68000) serial protocol converter, or an intelligent network server...

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