

synthesiser

Eurocard FM-synthesiser

Description

The synthesiser card can be connected to any computer using its parallel-printer output port. The centronics communication protocol is supported. It is also possible to use other user-ports which might be available on your computer. The card uses one single I/O address (most 80.. machines) or 1 single memory address (68... machines).

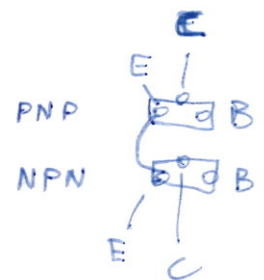
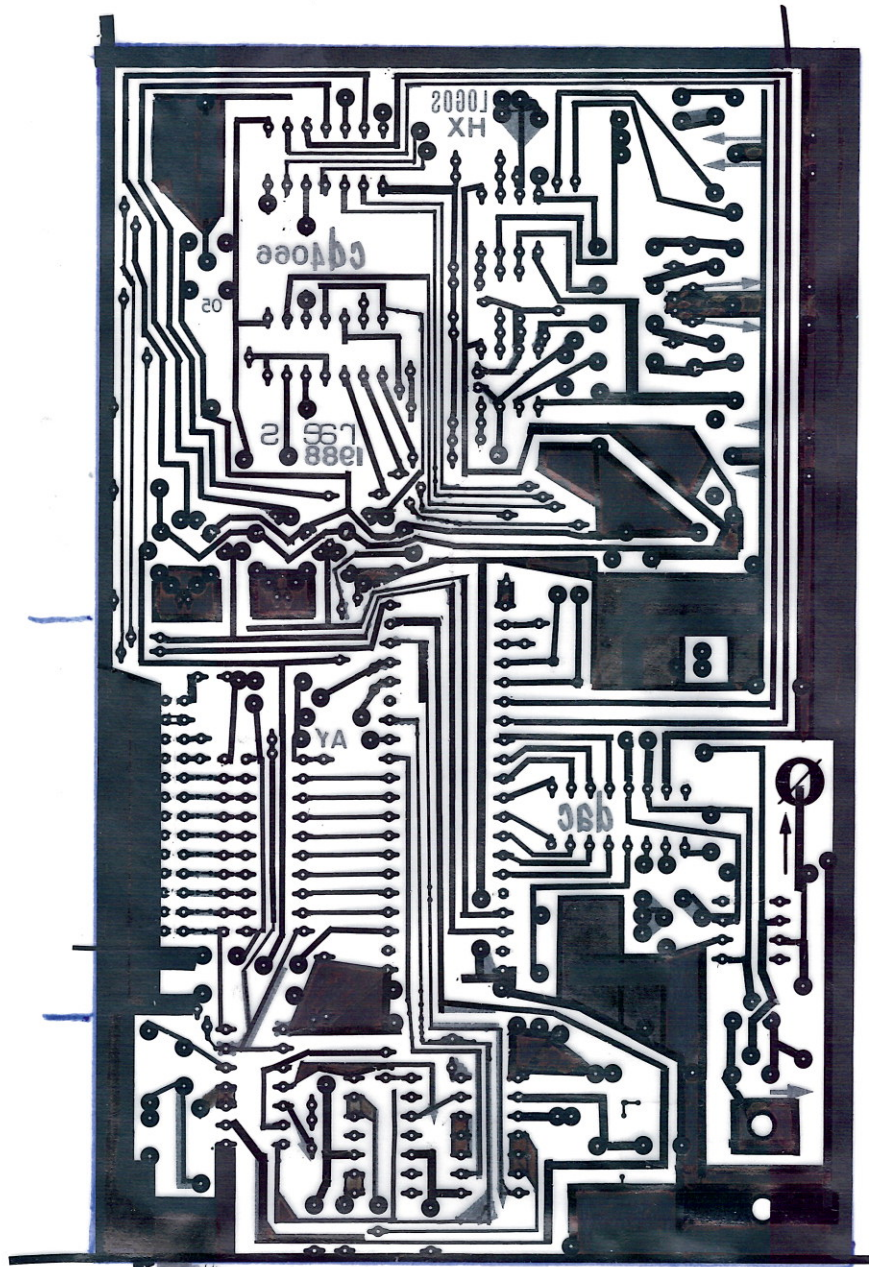
Make sure you set from your computers side the printwidth to 255, thus disabling any linefeed/carriage returns on the port. Programming can be done either through writing direct to the ports address (in basic you would use POKE <printerportaddress>,<data> if I/O is memory mapped, or else OUT<printerportaddress>,<data> if I/O space is available) , or else using LPRINT CHR#<byte>, or , after OPEN "PRN:" for "O" as #1, (look up the exact syntax in your Basic manual) , PRINT#1,CHR#<byte>.

Since the card uses 16 internal registers to address its many features , all communication with the card has to obey to the following sequence :

OUT <port>,<registeraddress> : OUT<port>,<datainstruction>

All ODD numbered bytes send to the card refer to register addresses, all even numbered bytes in the series , refer to data bytes to be placed in the first-named register.

So always send out bytes in pairs , starting with register number, followed with data byte.



Deze kant tegen
koper aandrukken

Underdelenplan

