C64 CHARSET-Adaptor/Switch Rev. 0

Functional Description

IC2 is not an actual IC, these are the precision round pin contacts on the solder side of the module, that fit into the Character ROM socket on the C64 mainboard. The signals A0…A11 are connected to the address bus, D0…D7 are connected to the data bus. The chip select signal is connected to the C64 signal , which selects the character rom at the addresses 0xD000 - 0xDFFF.

IC1 is the EPROM, which is here represented by a 27C512 (other types are possible, see the document 126-6-01-\*\*/Module Description).

The chip select signal is connected to pin 22, the enable signal is permanently LOW.

R1 – R4 are pull-up resistors. The desired character set can be either jumpered at JP1 or selected by a micro controller, which is connected to the same pin header.