

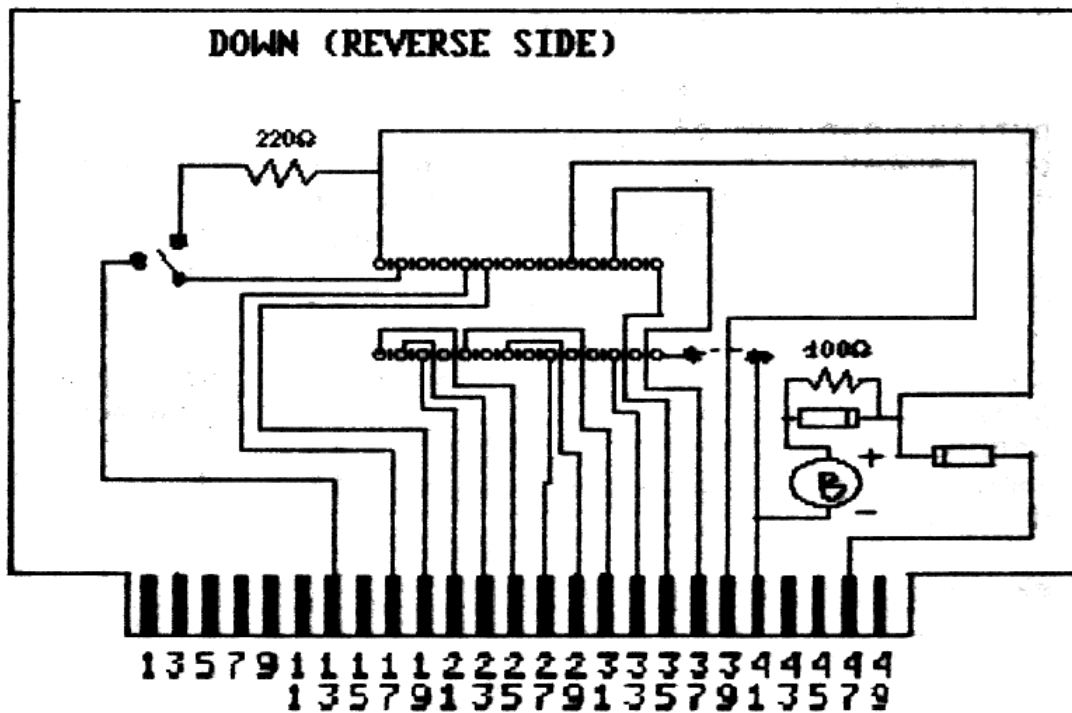
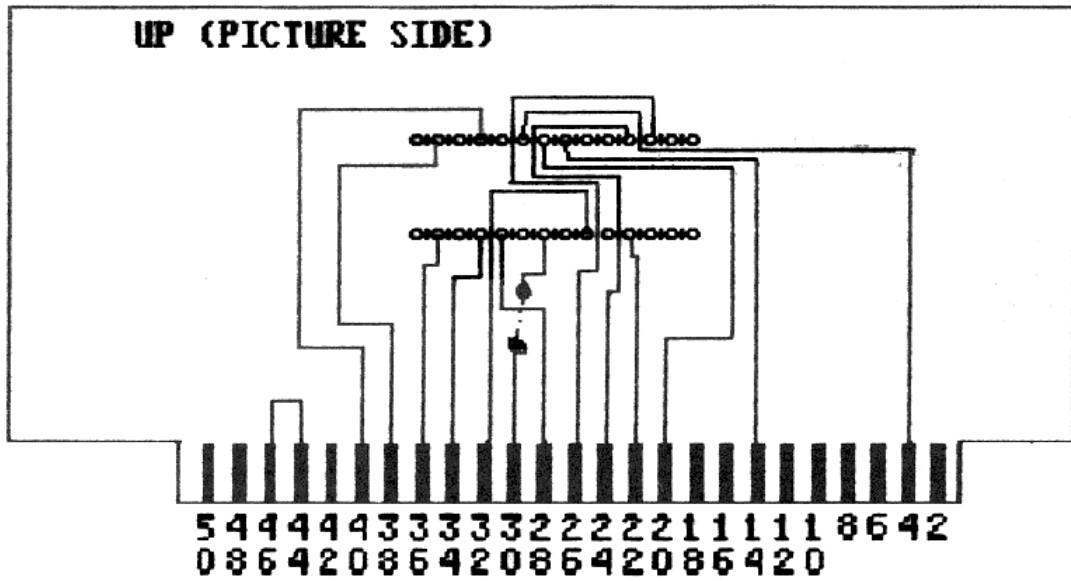
# 32K SRAM Cartridge with battery backup

Translated from the danish magazine Syntax by Dan Derpaux  
([www.algorythms.com/MSXrebels](http://www.algorythms.com/MSXrebels))

*Converted to PDF by HansO, 2001*

This design is for a 32K cartridge with SRAM which is completely compatible with a ROM cartridge once it has been loaded with a program.

The SRAM is really cheap, and with it you can upload ROM software, enable the write protection, and then you have an emulated "cartridge" placed at the given slot.



← 3 way switch for write protect



← 2 diodes, AA119 / 1N41 / 1N48



← Battery cells by a total of 3.5volts  
Must be Ni-Cad (Rechargeable)



2 resistors,  
220 and 100 ohms

1 S-Ram IC (43256-10)  
32\*8 cmos static ram →

