## Upgrading firmware on 2114 Tester

## **Changelog:**

10 June 2024

Firmware v1.1 – fixes issue with 21C14 RAM failing to read data at address 0x3FF

Download v1.1 firmware from

https://myretrostore.co.uk/wp-content/uploads/2024/06/2114\_tester\_fw1.1.hex

The below instructions are for Linux. Check the USB port your Arduino appears on and change the command line accordingly.

Avrdude can be installed from <a href="https://github.com/avrdudes/avrdude">https://github.com/avrdudes/avrdude</a>

For Windows you will also need to install the drivers from <a href="https://support.arduino.cc/hc/en-us/articles/4411305694610-Install-or-update-FTDI-drivers">https://support.arduino.cc/hc/en-us/articles/4411305694610-Install-or-update-FTDI-drivers</a>

## **Backup previous firmware:**

avrdude -patmega168 -P/dev/ttyUSB0 -b19200 -D -Uflash:r:2114\_tester\_fw1.0.hex -carduino

## **Install new firmware:**

avrdude -patmega168 -P/dev/ttyUSB0 -b19200 -D -Uflash:w:2114\_tester\_fw1.1.hex -carduino