Mostek MK36000 ROM Reader
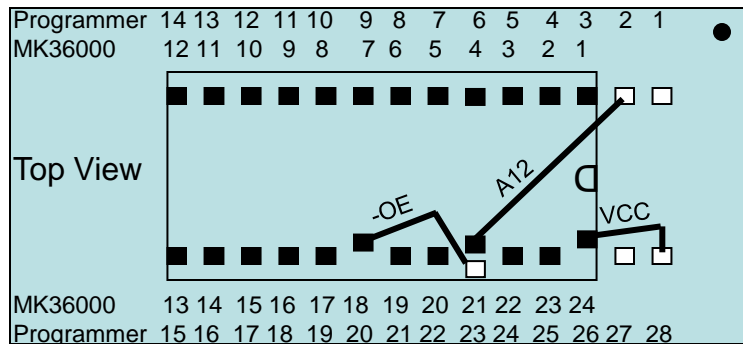
- The MK36000 is an 8K x 8bit (64K bit) 24-pin ROM.
- Many EPROM programmers do not have a setting for Mostek ROMs so an adapter is needed to allow them to be read as a different device. The 2764 EPROM is the natural choice since it is supported by most programmers and will be the target device to put the ROM image into.
- The ROM is a 24-pin device so a 24-pin wire wrap socket can be used to plug the ROM into on the adapter.
- The programmer socket is expecting a 28-pin device so a pair of 2 pin wire wrap header pins can be used to provide connectivity to the EPROM programmer to pick up +5V and address line A12 needed by the ROM.
- Set the EPROM programmer to 2764A or 27C64, for example, and read the ROM contents.

- The white header pins in the diagram to the right stick down into the EPROM programmer socket.
- The black pins shown offset are bent out of the way and connected as shown to other pins.
- The rest of the black pins pass straight through to the EPROM programmer socket. They are the same on the ROM as the EPROM.

Though this has been built, I don't have any 36000s to try it out with yet. I will update this when I get one to try.

24-pin wire wrap socket

2ea 2-pin header

MK36000 socket

2ea 2-pin header