

PC2Flop and Flop2PC (Polymorphic 88xx with Hard Sector FDC)

PC2Flop writes a Polymorphic SSSD hard sector disk from a disk image transmitted from a PC. Flop2PC saves an image of Polymorphic SSSD hard sector disk to a PC. The disk image is transferred through the printer serial port on the Poly. The XMODEM CRC or checksum protocol is used for the transfer. The image is read or written directly from/to the floppy in raw format (256 bytes/sector, 10 sectors per track, 35 tracks per disk).

Numerous disk images for the Poly 88xx can be found in the download area at deramp.com:
(polymorphic->poly-8813->software->Disk Images)

Except for the CP/M disk images, the SSSD disk images are compatible with the Polymorphic Emulator:
<http://deramp.com/polymorphic-computers/emulator.html>

PC2Flop and Flop2PC run standalone at 0x3200 or under Exec (System-88). The programs assume the standard disk PROM set is installed on the CPU board. Any type of SSSD can be transferred (e.g., CP/M or System-88 disks).

Standalone operation may be required to create a bootable disk when no other bootable disk is available. A small binary file loader can be entered using the front panel mode of the Poly computer in order to load PC2FLOP.GO via the Poly's serial port. See the files "Binary Loader.txt" and BINLOAD.ASM in the same folder as this file for details.

When copying a disk image to the PC (Flop2PC), the program attempts several retries when read failures occur. If the read still fails, the error is noted and the copy process continues so that the remainder of the disk can still be recovered.