PC2Flop and Flop2PC (for SWTPC DC-x Controllers in SWTPC 6809)

These programs transfer an image of a SWTPC 5.25" FLEX disk through an MP-S2 serial port in a SWTPC 6809 computer to archive (Flop2PC) or create (PC2Flop) disks. The XMODEM protocol is used for the serial transfer (choose checksum, not CRC). Single-sided 35 and 40 track, as well as double-sided 40 track disk formats are supported. Double sided disks require the DC-3 or DC-4 controller (or a Peripheral Technologies FD-2 controller).

The SBUG PROM must be present in the computer. If using the console port for the XMODEM transfer, error messages and prompts won't be seen once the XMODEM transfer is started. This can make it difficult to notice and determine disk I/O problems. A second serial port for the XMODEM transfer is the ideal configuration, though not required.

Get started by using PC2Flop to build a disk from one of the three "FLEX9-xx.DSK" disk images as your primary boot disk. Once one of these single density disks is built, you can use NEWDISK, COPY and LINK to build a bootable double-density disk directly on the target machine.

The programs can be run from SBUG by loading the appropriate S-record file using the "L" command. The programs load and run at $0100. At 9600 baud it takes just over two minutes to create a disk.