

Dynabyte 16K Static RAM Board

I have yet to find a manual for this board, however, I was able to get the board to function in an early S-100 machine as follows:

- 1) Set all bank select switches ON (far left DIP switch) . This ensures the board responds no matter what is being done with bank select.
- 2) Set all write protect switches ON (far right DIP switch). This is actually write protect OFF.

The board consists of four independent 4K banks. Each 4K bank can be assigned to any 4K page in the 64K address space. The 16 switches in the middle consist of four groups of four individual switches. The first four switches assign the address of the 1st 4K bank, the second group of four assign the address of the 2nd 4K bank, etc. Any 4K bank can be assigned to any 4K page.

A switch in the OFF position (pushed down towards the top of the board) is a "1" and a switch in the ON position (pushed down towards the bottom of the board) is a "0". For example, to set the board to cover the first 16K of memory, set the switches as follows (U=up=1, D=down=0)

DDDD DDDU DDUD DDUU