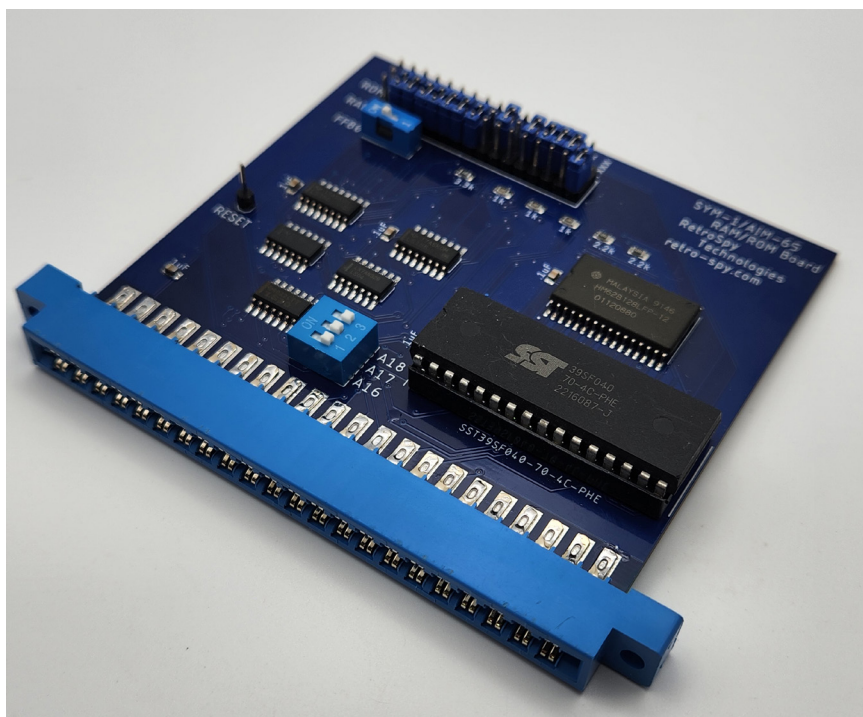




RetroSpy
Technologies

SYM-1/AIM-65 RAM/ROM Board



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The SYM-1/AIM-65 **RAM/ROM Board**

The Sym-1/AIM-65 RAM/ROM board is custom board than expands the memory of SYM-1 and AIM 65 single board computers.

Features

- Can provide 4k blocks of RAM or ROM anywhere in the 64k address space
- Up to 8 pages of DIP switch selectable ROM
- Includes a pre-programmed 39SF040 containing 8 pages of common Sym-1 and AIM 65 ROM configurations

Connecting the I/O Board

The RAM/ROM board connects to the Expansion connector, which is the one at the right most connector at the top of the Sym-1 or back of the AIM-65. Never plug or unplug the I/O board while the machine is powered on.

The locations of RAM or ROM are determined by the jumpers at the top of the board. Jumpered on the bottom makes RAM available at that address range. Jumpered on the top makes ROM available at that address range. No jumper in that address range and the board will not provide any RAM or ROM at that address range. Always make sure you don't have competing RAM or ROM at configured address ranges.

The FF80 switch only matters if you are placing RAM or ROM in the FXXX range. In this case the switch should be ON for Sym-1 and usually OFF for an AIM-65.

Default Memory Setups

Switches			Jumpers	Contents
A16	A17	A18		
0	0	0	NAAAAAAAA NONOOOOX	SYM-1: Basic+RAE+SymDOS
1	0	0	Empty	
0	1	0	NAAAAAAAA AANOOOONN	AIM-65: Basic+Assembler
1	1	0	NAAAAAAAA AANOXONN	AIM-65: Assembler+AH5050
0	0	1	NAAAAAAAA AANOOOONN	AIM-65: Basic+AH5050
1	0	1	NAAAAAAAA AANOOOONN	AIM-65: PL65+Assembler
0	1	1	NAAAAAAAA AANOOOONN	AIM-65: FORTH+Math Pack
1	1	1	NAAA0000 XXNOXXNN	AIM-65: Pascal

N=None, O=ROM, A=RAM, X=Don't Care

Contact Us

If you have any problems do not hesitate to contact us for help.



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