

Part	Function	Usage						Storage
		ALU	Control	IB	Disk	Ethernet	Display	
	Prom, 2kx4 Prom, 512x8 Prom, 512x4 Prom, 256x8	2	10 1			3		
IDM 2901A-1 (National) 74S182 74S283	4 bit ALU slice Carry accelerator 4-bit adder	4 1						1
74LS374 74S374 AM25S09 (AMD) 74S299 74LS166 74S194 74S373 74S74	Octal 3-S reg Octal 3-S reg 2x-mux/reg 8-bit 3-S shift reg 8-bit P-S shift reg 4-bit shift reg Octal latch Dual D flipflop	2 2	4 4 3	5 1	4 1 LS	5 1 LS	1 6 1	1 2
93422 (Fairchild) 74S189	256x4 RAM 16x4 RAM 64k MOS RAM	4	3					1 34
74S169 74S163	4-bit up-down ctr 4-bit counter	1	2		1	1 LS	1 LS	
74S251 74S153 74S258	8x mux 4x mux 2x mux	16 1	2 3			1 LS		
74S240	Octal 3-S buffer	1	2					5
74S138 74S280	3:8 decoder 9-bit parity	4						2
Misc SSI		8	4	1	5	4	1	3
9401 (Fairchild)	40 MHz oscillator CRC chip		1			1		

Parts list for 128k machine with display, disk and ethernet controllers

Since the design is not complete, it might be prudent to allow for 10 additional MSI parts (e.g. 74S374 or 74S258) and 10 additional SSI parts.