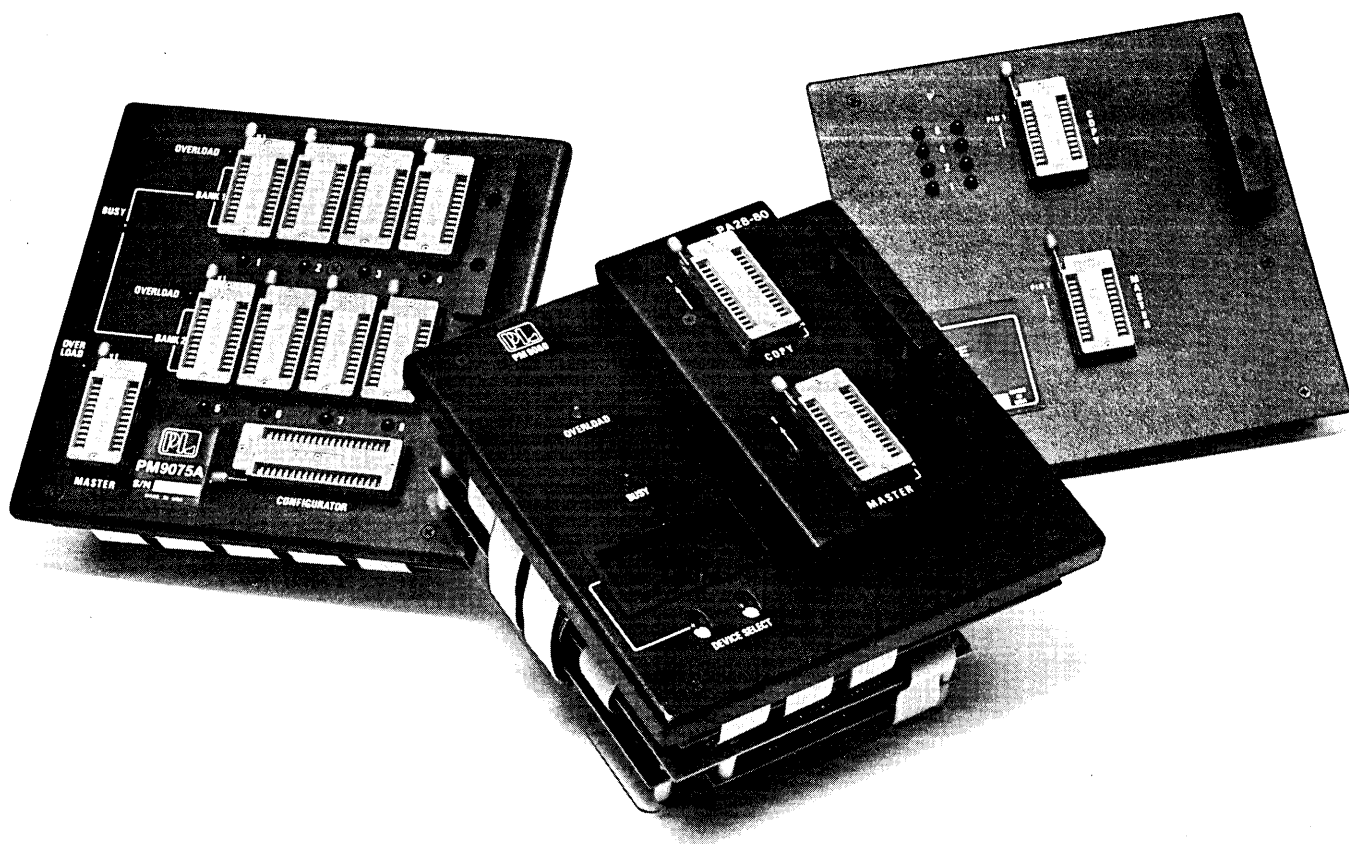


PRICE LIST & PERSONALITY MODULE SELECTION GUIDE



Price List & Personality Module Selection Guide

The following selection guide lists all PROM manufacturers in alphabetical order (column 1). Manufacturers' part numbers of the PROMs are given in column 2. Appropriate personality modules for specific PROMs are listed in column 3.

The last two columns apply to generic modules only. They identify the appropriate pinout adapter (PA) and configurator (CA, CP, or GC) for use in conjunction with a generic module, when programming a specific PROM.

As you proceed through the table, note that a given

personality module may accommodate various PROMs, through the use of different pinout adapters and configurations.

As indicated in the list, certain PROMs can be programmed by more than one personality module. In such cases, all personality modules that apply are listed. Note too that we list only commercial part numbers; however, each module will program the corresponding military equivalent and/or speed range.

PROM MANUFACTURER	PROM PART NUMBER	PERSONALITY MODULE	PINOUT ADAPTER	CONFIGURATOR
ADVANCED MICRO DEVICES (AMD)	BIPOLAR			
	27S12/13, 29770/71	PM9058	PA16-5	512x4(L)
	27S15	PM9058	PA24-14	512x8(L)
	27S18/19, LS18/19	PM9058	PA16-6	32x8(L)
	27S20/21, 29760A/61A	PM9058	PA16-5	256x4(L)
	27S25	PM9058	PA24-16	512x8(L)
	27S26/27, 29774/75	PM9058	PA22-4	512x8(L)
	27S28/29, 29772/73	PM9058	PA20-4	512x8(L)
	27S30/31	PM9058	PA24-13	512x8(L)
	27S32/33, 29780/81	PM9058	PA18-6	1Kx4(L)
	27S35/37	PM9058	PA24-18	1025x8(L)
	27S40/41/40A/41A/PS41	PM9058	PA20-9	4Kx4(L)
	27S180/181	PM9058	PA24-13	1Kx8(L)
	27S184/185	PM9058	PA18-8	2Kx4(L)
	27S190/191/PS191	PM9058	PA24-17	2Kx8(L)
	27S290/291/290A/291A/PS291	PM9058	PA24-28	2Kx8(L)
	29750A/51	PM9058	PA16-6	32x8(L)
	MOS UV			
	1702A/9702A	PM9001A	—	—
	2708/9708	PM9005A	—	—
		PM9053A	—	—
		PM9051A (Gang)	—	—
	2716*	PM9052A	—	—
		PM9064C	PA24-1	2Kx8(EH)
		PM9061A (Gang)	—	—
		PM9075A (Gen. Gang)	—	GC-03
		PM9076A (Gen. Gang)	—	GC-03
	2732*	PM9064C	PA24-10	4Kx8(EH)
		PM9075A (Gen. Gang)	—	GC-05
		PM9076A (Gen. Gang)	—	GC-05
	2764*	PM9074	PA28-2	8Kx8 (EH)
		PM9076A (Gen. Gang)	—	GC-08
AMERICAN MICROSYSTEMS INC. (AMI)	MOS UV			
	S5204A	PM9057	PA24-7	512x8(L)
	S6834	PM9057	PA24-5	512x8(L)
FAIRCHILD	BIPOLAR			
	93417/427	PM9045	PA16-1	256x4(H)
	93436/446	PM9045	PA16-1	512x4(H)
	93438/448	PM9045	PA24-1 or -8	512x8(H)
	93450/451, L450/L451	PM9045	PA24-1 or -8	1Kx8(H)
	93452/453	PM9045	PA18-2	1Kx4(H)
	93460/461	PM9045	PA24-1 or -8	1Kx8(H)
	93465/466	PM9045	PA24-1 or -8	1Kx8(H)
	93510/511	PM9045	PA24-8	2Kx8(H)

*Also programmed by PM9080 with PA 28-80 (see page 7).

PROM MANUFACTURER	PROM PART NUMBER	PERSONALITY MODULE	PINOUT ADAPTER	CONFIGURATOR	
FAIRCHILD (continued)	MOS UV 2532★	PM9064C	PA24-12	4Kx8(EH)	
		PM9075A (Gen. Gang)	—	GC-04	
	2564★	PM9076A (Gen. Gang)	—	GC-04	
		PM9064C	PA28-3	8Kx8(EH)	
		PM9076A (Gen. Gang)	—	GC-07	
	2708	PM9005A	—	—	
		PM9053A	—	—	
		PM9051A (Gang)	—	—	
	2716★	PM9052A	—	—	
		PM9064C	PA24-1	2Kx8(EH)	
		PM9061A (Gang)	—	—	
	2732★	PM9075A (Gen. Gang)	—	GC-03	
		PM9076A (Gen. Gang)	—	GC-03	
		PM9064C	PA24-10	4Kx8(EH)	
		PM9075A (Gen. Gang)	—	GC-05	
	2764★	PM9076A (Gen. Gang)	—	GC-05	
		PM9074	PA28-2	8Kx8(EH)	
PM9076A (Gen. Gang)		—	GC-08		
FUJITSU	BIPOLAR MB7052/57 MB7053/58	PM9007C	—	—	
		PM9007C	—	—	
	MOS UV MB8518 (2708)	PM9005A	—	—	
		PM9053A	—	—	
		PM9051A (Gang)	—	—	
	MBM8516 (2716)★	PM9052A	—	—	
		PM9064C	PA24-1	2Kx8(EH)	
		PM9061A (Gang)	—	—	
	MBM8532 (2732)★	PM9075A (Gen. Gang)	—	GC-03	
		PM9076A (Gen. Gang)	—	GC-03	
		PM9064C	PA24-10	4Kx8(EH)	
	2732A (HMOS)★	PM9075A (Gen. Gang)	—	GC-05	
		PM9076A (Gen. Gang)	—	GC-05	
		PM9074	PA24-10	4Kx8(EH)	
	2764★	PM9075A (Gen. Gang)	—	GC-06	
		PM9076A (Gen. Gang)	—	GC-06	
		PM9074	PA28-2	8Kx8(EH)	
PM9076A (Gen. Gang)	—	GC-08			
HARRIS SEMICONDUCTOR	BIPOLAR 7602/03 7608 7610/10A/11/11A 7616 7620/20A/21/21A 7625R 7629 7640/40A*/41/41A 7642/42A/43/43A 7642P/43P 7644/44A 7647R 7648/49 7680/A/P/R/RP 7681/A/P/R/RP 7684/84P/85/85P 76160/161 JAN-0512	PM9039B	PA16-2 or -4	32x8(H)	
		PM9039B	PA24-1 or -8	1Kx8(H)	
		PM9039B	PA16-1	256x4(H)	
		PM9039B	PA24-20	2Kx8(H)	
		PM9039B	PA16-1	512x4(H)	
		PM9039B	PA24-9	256x8(H)	
		PM9039B	PA24-1 or -8	256x8(S2)	
		PM9039B	PA24-1 or -8	512x8(H)	
		PM9039B	PA18-2	1Kx4(H)	
		PM9039B	PA18-2	1Kx4(S1)	
		PM9039B	PA16-3	1Kx4(H)	
		PM9039B	PA24-19	512x8(H)	
		PM9039B	PA20-1	512x8(H)	
		PM9039B	PA24-1 or -8	1Kx8(H)	
		PM9039B	PA24-1 or -8	1Kx8(H)	
		PM9039B	PA18-2	2Kx4(H)	
		PM9039B	PA24-8	2Kx8(H)	
		PM9055A	—	—	
		CMOS Fusible Link 6611	PM9056	—	—

* Under development

★ Also programmed by PM9080 with PA 28-80 (see page 7).

PROM MANUFACTURER	PROM PART NUMBER	PERSONALITY MODULE	PINOUT ADAPTER	CONFIGURATOR	
HITACHI	MOS UV HN462532★	PM9064C	PA24-12	4Kx8(EH)	
		PM9075A (Gen. Gang)	—	GC-04	
		PM9076A (Gen. Gang)	—	GC-04	
	HN462716★	PM9052A PM9064C	PM9061A (Gang)	PA24-1	2Kx8(EH)
			PM9075A (Gen. Gang)	—	—
			PM9076A (Gen. Gang)	—	GC-03
			PM9075A (Gen. Gang)	—	GC-03
			PM9076A (Gen. Gang)	—	GC-03
	HN462732★	PM9064C	PM9075A (Gen. Gang)	PA24-10	4Kx8(EH)
			PM9076A (Gen. Gang)	—	GC-05
			PM9076A (Gen. Gang)	—	GC-05
	HN48016★	PM9064C	PM9075A (Gen. Gang)	PA24-26	CP-2Kx8(S3)
			PM9076A (Gen. Gang)	—	GC-23
			PM9076A (Gen. Gang)	—	GC-23
	HN482764★	PM9074 PM9076A (Gen. Gang)	PM9074	PA28-2	8Kx8(EH)
			PM9076A (Gen. Gang)	—	GC-08
			PM9076A (Gen. Gang)	—	GC-08
INTEL	BIPOLAR 3628A 3636B 3632	PM9048B	PA24-1 or -8	1Kx8(H)	
		PM9048B	PA24-25A	2Kx8(H)	
		PM9048B	PA24-25A	4Kx8(H)	
	MOS UV 2708, 8708	PM9005A PM9053A PM9051A (Gang) PM9052A PM9064C	PM9005A	—	—
			PM9053A	—	—
			PM9051A (Gang)	—	—
			PM9052A	—	—
			PM9064C	PA24-1	2Kx8(EH)
			PM9061A (Gang)	—	—
			PM9075A (Gen. Gang)	—	GC-03
			PM9076A (Gen. Gang)	—	GC-03
			PM9075A (Gen. Gang)	PA24-10	4Kx8(EH)
			PM9076A (Gen. Gang)	—	GC-05
	2732 (NMOS)★	PM9064C	PM9075A (Gen. Gang)	—	GC-05
			PM9076A (Gen. Gang)	—	GC-05
			PM9076A (Gen. Gang)	—	GC-05
	2732A (HMOS)★	PM9074 PM9075A (Gen. Gang) PM9076A (Gen. Gang)	PM9074	PA24-10	4Kx8(EH)
			PM9075A (Gen. Gang)	—	GC-06
			PM9076A (Gen. Gang)	—	GC-06
	2758★	PM9052A PM9064C	PM9052A	—	—
			PM9064C	PA24-1	1Kx8(EH)
			PM9075A (Gen. Gang)	—	GC-01
	2764★	PM9076A (Gen. Gang) PM9074	PM9076A (Gen. Gang)	—	GC-01
			PM9074	PA28-2	8Kx8(EH)
			PM9076A (Gen. Gang)	—	GC-08
	2764 (Intelligent) 27128 27128 (Intelligent) 2808★	PM9080 (Generic) PM9080 (Generic) PM9080 (Generic) PM9064C	PM9080 (Generic)	PA28-80	—
			PM9080 (Generic)	PA28-80	—
			PM9080 (Generic)	PA28-80	—
			PM9064C	PA24-24	CP-1Kx8(S3)
			PM9075A (Gen. Gang)	—	GC-21
			PM9076A (Gen. Gang)	—	GC-21
			PM9076A (Gen. Gang)	—	GC-21
	2816★	PM9064C PM9075A (Gen. Gang) PM9076A (Gen. Gang)	PM9064C	PA24-24	CP-2Kx8(S4)
			PM9075A (Gen. Gang)	—	GC-22
			PM9076A (Gen. Gang)	—	GC-22
			PM9076A (Gen. Gang)	—	GC-22
	MICROPROCESSOR 8741A/8748 8749 8751 8755A	PM9054A PM9080 (Generic) PM9054A PM9080 (Generic) PM9080 (Generic) PM9054A PM9080 (Generic)	PM9054A	PA40-1	1Kx8(EL)
			PM9080 (Generic)	PA40-80	—
			PM9054A	PA40-3	2Kx8(EL)
			PM9080 (Generic)	PA40-80	—
			PM9080 (Generic)	PA40-81	—
			PM9054A	PA40-2	2Kx8(EH)
PM9080 (Generic)			PA40-82	—	
INTERSIL	BIPOLAR 5603/23 5604/24	PM9007C	—	—	
		PM9007C	—	—	

★ Also programmed by PM9080 with PA 28-80 (see page 7).

PROM MANUFACTURER	PROM PART NUMBER	PERSONALITY MODULE	PINOUT ADAPTER	CONFIGURATOR
INTERSIL (continued)	5600/10	PM9016C	—	—
	5605/25	PM9028C	—	—
	CMOS UV			
	6653	PM9065	PA24-11	1Kx4(EH)
	6654	PM9065	PA24-1	512x8(EH)
MARUMAN INTEGRATED CIRCUITS	MOS UV			
	2716★	PM9052A	—	—
		PM9064C	PA24-1	2Kx8(EH)
		PM9061A (Gang)	—	—
		PM9075A (Gen. Gang)	—	GC-03
	PM9076A (Gen. Gang)	—	GC-03	
MITSUBISHI	MOS UV			
	2708	PM9005A	—	—
		PM9053A	—	—
		PM9051A (Gang)	—	—
	2716★	PM9052A	—	—
		PM9064C	PA24-1	2Kx8(EH)
		PM9061A (Gang)	—	—
		PM9075A (Gen. Gang)	—	GC-03
		PM9076A (Gen. Gang)	—	GC-03
	2732★	PM9064C	PA24-10	4Kx8(EH)
		PM9075A (Gen. Gang)	—	GC-05
		PM9076A (Gen. Gang)	—	GC-05
	2764★	PM9074	PA28-2	8Kx8(EH)
		PM9076A (Gen. Gang)	—	GC-08
MONOLITHIC MEMORIES (MMI)	BIPOLAR TYPE 1			
	6300-1/01-1	PM9037	PA16-1	256x4(H)
	6305-1/06-1	PM9037	PA16-1	512x4(H)
	6308-1/09-1	PM9037	PA20-2	256x8(H)
	6330-1/31-1	PM9037	PA16-2	32x8(H)
	6335-1/36-1	PM9037	PA24-1 or -8	256x8(H)
	6340-1/41-1	PM9037	PA24-1	512x8(H)
	6348-1/49-1	PM9037	PA20-1	512x8(H)
	6350-1/51-1	PM9037	PA18-1	1Kx4(H)
	6352-1/53-1	PM9037	PA18-2	1Kx4(H)
	6380-1/81-1	PM9037	PA24-1 or -8	1Kx8(H)
	6380-1/81-1JS	PM9037	PA24-23	1Kx8(H)
	6384-1/85-1	PM9037	PA24-1 or -8	1Kx8(H)
	6386-1/87-1	PM9037	PA22-1	1Kx8(H)
	6388/89	PM9037	PA18-2	2Kx4(H)
	BIPOLAR TYPE 2			
	63S140/S141	PM9066	PA16-1	256x4(L)
	63S240/S241	PM9066	PA16-1	512x4(L)
	63S440/S441	PM9066	PA18-2	1Kx4(L)
	63RA441/RS441	PM9066	PA18-5	1Kx4(L)
	63S840/S841	PM9066	PA18-2	2Kx4(L)
	63S1640/S1641*	PM9066	PA20-11*	4Kx4(L)
	PAL			
	PAL10H8	PM9068	—	512x4(S1)
	PAL12H6	PM9068	—	512x4(S1)
	PAL14H4	PM9068	—	512x4(S1)
	PAL16H2	PM9068	—	512x4(S1)
	PAL10L8	PM9068	—	512x4(S2)
	PAL12L6	PM9068	—	512x4(S2)
	PAL14L4	PM9068	—	512x4(S2)
	PAL16L2	PM9068	—	512x4(S2)
	PAL16L8	PM9068	—	512x4(S2)
	PAL16R8	PM9068	—	512x4(S2)
PAL16R6	PM9068	—	512x4(S2)	
PAL16R4	PM9068	—	512x4(S2)	
PAL16A4	PM9068	—	512x4(S2)	

* Under development

★ Also programmed by PM9080 with PA 28-80 (see page 7).

PROM MANUFACTURER	PROM PART NUMBER	PERSONALITY MODULE	PINOUT ADAPTER	CONFIGURATOR			
MONOLITHIC MEMORIES (continued)	PAL16X4	PM9068	—	512x4(S2)			
	PAL16C1	PM9068	—	512x4(S3)			
MOSTEK	MOS UV 2708	PM9005A	—	—			
		PM9053A	—	—			
		PM9051A (Gang)	—	—			
	2716★	PM9052A	—	—			
		PM9064C	PA24-1	2Kx8(EH)			
		PM9061A (Gang)	—	—			
		PM9075A (Gen. Gang)	—	GC-03			
	PM9076A (Gen. Gang)	—	GC-03				
MOTOROLA	BIPOLAR	7620/21	PM9039B	PA16-1	512x4(H)		
		7640/41	PM9039B	PA24-1	512x8(H)		
		7642/43	PM9039B	PA18-2	1Kx4(H)		
		7680/81	PM9039B	PA24-1 or -8	1Kx8(H)		
		7684/85	PM9039B	PA18-2	2Kx4(H)		
		82707/08	PM9039B	PA24-1 or -8	1Kx8(H)		
	MOS UV	2532★/25L32★	PM9064C	PA24-12	4Kx8(EH)		
			PM9075A (Gen. Gang)	—	GC-04		
			PM9077 (Gen. Gang)	—	GC-04		
		TMS2716	PM9053A	—	—		
			PM9060A (Gang)	—	—		
		2716★/27L16★	PM9052A	—	—		
			PM9064C	PA24-1	2Kx8(EH)		
			PM9061A (Gang)	—	—		
			PM9075A (Gen. Gang)	—	GC-03		
			PM9076A (Gen. Gang)	—	GC-03		
		68708, 2708 68A708, 27A08	PM9077 (Gen. Gang)	—	GC-03		
	PM9005A		—	—			
	PM9053A		—	—			
	PM9051A (Gang)		—	—			
	68764★/68L764★		PM9064C	PA24-15	8Kx8(S1)		
			PM9077 (Gen. Gang)	—	GC-11		
	68766★		PM9064C	PA24-15	8Kx8(S1)		
			PM9077 (Gen. Gang)	—	GC-11		
	NATIONAL SEMICONDUCTOR		BIPOLAR	74S184/185	PM9047	PA18-2	2Kx4(L)
				74S188/288	PM9047	PA16-2 or -4	32x8(L)
		74S287/387		PM9047	PA16-1	256x4(L)	
74S472/473		PM9047		PA20-1	512x8(L)		
74S474/475		PM9047		PA24-1 or -8	512x8(L)		
74S570/571		PM9047		PA16-1	512x4(L)		
74S572/573		PM9047		PA18-2	1Kx4(L)		
74S574		PM9047		PA18-4	1Kx4(L)		
87S180/181		PM9047		PA24-1 or -8	1Kx8(L)		
87S190/191		PM9047		PA24-8	2Kx8(L)		
PAL		PAL10H8		PM9068	—	512x4(S1)	
		PAL12H6	PM9068	—	512x4(S1)		
		PAL14H4	PM9068	—	512x4(S1)		
		PAL16H2	PM9068	—	512x4(S1)		
		PAL10L8	PM9068	—	512x4(S2)		
		PAL12L6	PM9068	—	512x4(S2)		
		PAL14L4	PM9068	—	512x4(S2)		
		PAL16L2	PM9068	—	512x4(S2)		
		PAL16L8	PM9068	—	512x4(S2)		
		PAL16R8	PM9068	—	512x4(S2)		

★Also programmed by PM9080 with PA 28-80 (see page 7).

PROM MANUFACTURER	PROM PART NUMBER	PERSONALITY MODULE	PINOUT ADAPTER	CONFIGURATOR	
NATIONAL SEMICONDUCTOR (continued)	PAL16R6	PM9068	—	512x4(S2)	
	PAL16R4	PM9068	—	512x4(S2)	
	PAL16A4	PM9068	—	512x4(S2)	
	PAL16X4	PM9068	—	512x4(S2)	
	PAL16C1	PM9068	—	512x4(S3)	
	MOS UV				
	2532★	PM9064C	PA24-12	4Kx8(EH)	
		PM9075A (Gen. Gang)	—	GC-04	
		PM9076A (Gen. Gang)	—	GC-04	
	2564★	PM9064C	PA28-3	8Kx8(EH)	
		PM9076A (Gen. Gang)	—	GC-07	
	2708	PM9005A	—	—	
		PM9053A	—	—	
		PM9051A (Gang)	—	—	
	2716★/27C16★	PM9052A	—	—	
		PM9064C	PA24-1	2Kx8(EH)	
		PM9061A (Gang)	—	—	
		PM9075A (Gen. Gang)	—	GC-03	
		PM9076A (Gen. Gang)	—	GC-03	
	2732★/27C32★/27L32★	PM9064C	PA24-10	4Kx8(EH)	
		PM9075A (Gen. Gang)	—	GC-05	
		PM9076A (Gen. Gang)	—	GC-05	
	2732A★/27L32A★	PM9074	PA24-10	4Kx8(EH)	
		PM9075A (Gen. Gang)	—	GC-06	
		PM9076A (Gen. Gang)	—	GC-06	
	2758Q-A★	PM9052A	—	—	
		PM9064C	PA24-1	1Kx8(EH)	
		PM9075A (Gen. Gang)	—	GC-01	
		PM9076A (Gen. Gang)	—	GC-01	
	2758Q-B★	PM9052A	—	—	
		PM9064C	PA24-1	1Kx8(S2)	
		PM9075A (Gen. Gang)	—	GC-02	
		PM9076A (Gen. Gang)	—	GC-02	
2764★	PM9074	PA28-2	8Kx8(EH)		
	PM9076A (Gen. Gang)	—	GC-08		
	MM5203Q	—	—		
	MM5204Q/Q-1	PM9006A	—		
NIPPON ELECTRIC (NEC)	BIPOLAR				
	μPB403D, μPB423D	PM9007C	—	—	
	μPB405E, μPB425E	PM9028C	—	—	
	MOS UV				
2716★	PM9052A	—	—		
	PM9064C	PA24-1	2Kx8(EH)		
	PM9061A (Gang)	—	—		
	PM9075A (Gen. Gang)	—	GC-03		
	PM9076A (Gen. Gang)	—	GC-03		
2732 (NMOS)★	PM9064C	PA24-10	4Kx8(EH)		
	PM9075A (Gen. Gang)	—	GC-05		
	PM9076A (Gen. Gang)	—	GC-05		
2732A (HMOS)★	PM9074	PA24-10	4Kx8(EH)		
	PM9075A (Gen. Gang)	—	GC-06		
	PM9076A (Gen. Gang)	—	GC-06		
2764★	PM9074	PA28-2	8Kx8(EH)		
	PM9076A (Gen. Gang)	—	GC-08		
	MICROPROCESSOR				
	8741A/8748	PM9080 (Generic)	PA40-80	—	
OKI SEMICONDUCTOR	MOS UV				
2532★	PM9064C	PA24-12	4Kx8(EH)		
	PM9075A (Gen. Gang)	—	GC-04		
	PM9076A (Gen. Gang)	—	GC-04		
2708	PM9005A	—	—		
	PM9053A	—	—		

★ Also programmed by PM9080 with PA 28-80 (See page 7).

PROM MANUFACTURER	PROM PART NUMBER	PERSONALITY MODULE	PINOUT ADAPTER	CONFIGURATOR			
OKI SEMICONDUCTOR (continued)	2716★	PM9051A (Gang)	—	—			
		PM9052A	—	—			
		PM9064C	PA24-1	2Kx8(EH)			
	2732★	PM9061A (Gang)	—	—			
		PM9075A (Gen. Gang)	—	GC-03			
		PM9076A (Gen. Gang)	—	GC-03			
		PM9064C	PA24-10	4Kx8(EH)			
		PM9075A (Gen. Gang)	—	GC-05			
		PM9076A (Gen. Gang)	—	GC-05			
	2758★	PM9052A	—	—			
		PM9064C	PA24-1	1Kx8(EH)			
		PM9075A (Gen. Gang)	—	GC-01			
PM9076A (Gen. Gang)		—	GC-01				
RAYTHEON	BIPOLAR	29601/03	PM9037	PA20-2	256x8(H)		
		29611/13	PM9037	PA16-1	512x4(H)		
		29621/23	PM9037	PA20-1	512x8(H)		
		29625/27	PM9037	PA24-1 or -8	512x8(H)		
		29631/33	PM9037	PA24-1 or -8	1Kx8(H)		
		29635/37	PM9037	PA24-1 or -8	1Kx8(H)		
		29651/53	PM9037	PA18-2	2Kx4(H)		
		29681D/83D	PM9037	PA24-8	2Kx8(H)		
		29681S/83S	PM9037	PA24-27*	2Kx8(H)		
		SIGNETICS	BIPOLAR	82S23/123	PM9059	PA16-2 or -4	32x8(L)
				82S114	PM9059	PA24-9	256x8(S1)
				82S115	PM9059	PA24-9	512x8(S1)
82S126/129	PM9059			PA16-1	256x4(L)		
82S130/131	PM9059			PA16-1	512x4(L)		
82S137	PM9059			PA18-2	1Kx4(L)		
82S140/S141	PM9059			PA24-1 or -8	512x8(L)		
82S146/147	PM9059			PA20-1	512x8(L)		
82S180, 82S2708	PM9059			PA24-1 or -8	1Kx8(L)		
82S181/LS181/S183	PM9059			PA24-1 or -8	1Kx8(L)		
82HS181/PS181	PM9059			PA24-1 or -8	1Kx8(L)		
82S185/HS185	PM9059			PA18-2	2Kx4(L)		
82S191/HS191	PM9059			PA24-8	2Kx8(L)		
82S195	PM9059			PA20-11	4Kx4(L)		
82S321	PM9059			PA24-25	4Kx8(L)		
ECL	10139			PM9072	PA16-4	32x8(S1)	
	10149			PM9072	PA16-7	256x4(L)	
SYNERTEK	MOS UV			2716★	PM9052A	—	—
				PM9064C	PA24-1	2Kx8(EH)	
				PM9061A (Gang)	—	—	
				PM9075A (Gen. Gang)	—	GC-03	
				PM9076A (Gen. Gang)	—	GC-03	
TEXAS INSTRUMENTS (TI)	BIPOLAR TYPE 1			14S10/SA10	PM9046B	PA16-1	256x4(H)
				18S22/SA22	PM9046B	PA20-2	256x8(L)
				18S030/SA030	PM9046B	PA16-4	32x8(L)
				18S42/SA42	PM9046B	PA20-1	512x8(L)
				18S46/SA46	PM9046B	PA24-1 or -8	512x8(L)
				BIPOLAR TYPE 2	24S10/SA10	PM9067	PA16-8
	24S41/SA41	PM9067	PA18-7		1Kx4(H)		
	24SA81/S81	PM9067	PA18-9A		2Kx4(H)		
	28L22	PM9067	PA20-10		256x8(H)		
	28S42/L42/P42*	PM9067	PA20-1		512x8(H)		
	28S45/L45/P45*	PM9067	PA24-23		512x8(H)		

* Under development

★ Also programmed by PM9080 with PA 28-80 (See page 7).

PROM MANUFACTURER	PROM PART NUMBER	PERSONALITY MODULE	PINOUT ADAPTER	CONFIGURATOR
TEXAS INSTRUMENTS (continued)	28S46	PM9067	PA24-1 or -8	512x8(H)
	28S85/L85/P85*	PM9067	PA24-23	1Kx8(H)
	28S86/L86/SA86	PM9067	PA24-1	1Kx8(H)
	MOS UV			
	2508*	PM9052A	—	—
		PM9064C	PA24-1	1Kx8(EH)
		PM9075A (Gen. Gang)	—	GC-01
		PM9076A (Gen. Gang)	—	GC-01
	2516*	PM9052A	—	—
		PM9064C	PA24-1	2Kx8(EH)
		PM9061A (Gang)	—	—
		PM9075A (Gen. Gang)	—	GC-03
		PM9076A (Gen. Gang)	—	GC-03
	2532*	PM9064C	PA24-12	4Kx8(EH)
		PM9075A (Gen. Gang)	—	GC-04
		PM9076A (Gen. Gang)	—	GC-04
	2564*	PM9064C	PA28-3	8Kx8(EH)
		PM9076A (Gen. Gang)	—	GC-07
	2708	PM9005A	—	—
		PM9053A	—	—
		PM9051A (Gang)	—	—
	TMS2716	PM9053A	—	—
		PM9060A (Gang)	—	—
	2732*	PM9064C	PA24-10	4Kx8(EH)
		PM9075A (Gen. Gang)	—	GC-05
		PM9076A (Gen. Gang)	—	GC-05
	2758-JL0*	PM9052A	—	—
	PM9064C	PA24-1	1Kx8(EH)	
	PM9075A (Gen. Gang)	—	GC-02	
	PM9076A (Gen. Gang)	—	GC-02	
2758-JL1*	PM9052A	—	—	
	PM9064C	PA24-1	1Kx8(S2)	
	PM9075A (Gen. Gang)	—	GC-01	
	PM9076A (Gen. Gang)	—	GC-01	
TOSHIBA	MOS UV			
	TMM322 (2708)	PM9005A	—	—
		PM9053A	—	—
		PM9051A (Gang)	—	—
	TMM323 (2716)*	PM9052A	—	—
		PM9064C	PA24-1	2Kx8(EH)
		PM9061A (Gen. Gang)	—	—
		PM9075A (Gang)	—	GC-03
		PM9076A (Gen. Gang)	—	GC-03
	2732*	PM9064C	PA24-10	4Kx8(EH)
	PM9075A (Gen. Gang)	—	GC-05	
	PM9076A (Gen. Gang)	—	GC-05	
8755A	PM9054A	PA40-2	2Kx8(EH)	
	PM9080 (Generic)	PA40-82	—	

MOS DEVICES SUPPORTED BY THE PM9080 PERSONALITY MODULE

AMD	2716	2732	2764			Motorola	2532	25L32	2716	27L16	68764
Fairchild	2532	2564	2716	2732	2764		68L764	68766			
Fujitsu	2732A	2764	8516	8532		National Semi-conductor	2532	2564	2716	2732	27L32
Hitachi	462532	462716	462732	48016	482764		2732A	27L32A	2758A	2758B	2764
Hughes	3004	3008	3704	3708		NEC	2716	2732/A	2764	8741A	8748
Intel	2716	2732	2732A	2758	2764	OKI	2532	2716	2732	2758	
	2764§	27128	27128§	2816	8741A	Synertek	2716				
	8748	8748H	8749	8751	8755A	T.I.	2508	2516	2532	2564	2732
Maruman	2716						2758-JL0	2758-JL1			
Mitsubishi	2716	2732	2764			Toshiba	TMM323	2732	8755A		
Mostek	2716	MK2764									

§ Intelligent

* Also programmed by PM9080 with PA28-80. (See above table)

Ordering Information

Placing An Order

Orders may be placed in Pro-Log's name through your local Pro-Log Representative or directly with the factory. Telephone orders are accepted pending credit verification and confirming paperwork. When telephoning an order to Pro-Log, ask for the Order Desk. We have specially trained personnel to handle your order promptly.

Product Availability

Pro-Log's normal shipment time for 1-9 pieces of a product is 2 weeks ARO on most products. Should you require faster delivery, Pro-Log will try to accommodate you. A \$50 expediting fee for this service may be applicable.

If You Should Need Service or Technical Support

Contact your local Representative or call Pro-Log direct and ask for the Customer Service Desk. If it is necessary to return some equipment to Pro-Log for repair, the Service Desk will provide you with a return number and the instructions to expedite handling of your equipment by Pro-Log.

Functions and Limitations of Pro-Log Representatives

Pro-Log is represented domestically by a network of sales representatives. These people are ready to answer most of your questions about Pro-Log and its products. They can assist you in getting the support and information you need to solve your problems. Our representatives are not authorized to quote prices other than those listed in our published price list, nor can they commit Pro-Log to any contractual arrangements. Such pricing and arrangements can be made only in writing by Pro-Log Corporation.

Special Configurations

Pro-Log is a manufacturer of standard products and as such does not normally consider special purpose

designs. However, Pro-Log may be willing to quote specialized product configurations, specialized packaging and additional products, and services and documentation as part of an OEM agreement.

Terms

1. 2%-10 Days, Net 30 Days; F.O.B. Monterey, California. Pro-Log reserves the right to deny this discount under certain conditions.
2. A charge of 2% per month will be added to past due accounts.
3. Future orders from a customer who takes over 60 days to clear their account will be accepted only on a C.O.D. or cash-with-order basis until credit is re-established to Pro-Log's satisfaction.
4. Cancellation charges on orders for standard products will be charged at the rate of 10 percent of the amount of the purchase order covering standard products. This will apply in all instances where orders for standard products are cancelled after Pro-Log acceptance of purchase order.
5. Minimum Order: \$100.00; all orders subject to credit verification.

International Ordering Information

We require a confirmed, irrevocable letter of credit for all sales not handled by one of our international distributors. A surcharge equal to 2% of the value of the equipment (\$25 minimum) will be assessed. Our normal delivery time on initial orders is four to six weeks after receipt of purchase order, export license and/or Letter of Credit, Payment in Advance, or Wire Transfer.

In order for us to obtain an export license, we must have a Purchase Order number and the necessary documents required for importation (i.e., import certificate, ITA 629). After receiving these documents, we can then apply for the export license, which takes approximately 3 to 4 weeks to process. All sales are Ex-Factory Monterey, California.

Warranty

Warranty: Seller warrants that the articles furnished hereunder are free from defects in material and workmanship and perform to applicable, published Pro-Log specifications for TWO YEARS FROM DATE OF SHIPMENT for PROM Programmer Control units and Series 7000 Cards. This warranty is in lieu of any other warranty expressed or implied. In no event will Seller be liable for special or consequential damages as a result of any alleged breach of this warranty provision. The liability of Seller hereunder shall be limited to replacing or repairing, at its option, any defective units which are returned F.O.B. Seller's plant. Equipment or parts which have been subject to abuse, misuse, accident, alteration, neglect, unauthorized repair or installation are not covered by warranty. Seller shall have the right of final determination as to the existence and cause of defect. As to items repaired or replaced, the warranty shall continue in effect for the remainder of the warranty period, or for ninety (90) days following date of shipment by Seller or the repaired or replaced part whichever period is longer. No liability is assumed for expendable items such as lamps and fuses. No warranty is made with respect to custom equipment or products produced to Buyer's specifications except as specifically stated in writing by Seller and contained in the contract.

Price List

List prices for domestic units are shown on this page. GSA prices are listed separately and can be obtained on request. Pro-Log quotes quantity prices on all products.

CONTROL UNITS.

(All control units are available in 115 VAC, 230 VAC, and 100 VAC versions.)

M910A-001* Control Unit, Unbuffered \$1,500

Control Units with Communications Provision**

M910A-041* Control Unit w/4Kx8 RAM Buffer 1,850

M910A-081* Control Unit w/8Kx8 RAM Buffer 2,100

M910A-161* Control Unit w/16Kx8 RAM Buffer 2,700

M980-081* Control Unit w/8Kx8 RAM Buffer 2,600

M980-161* Control Unit w/16Kx8 RAM Buffer 3,200

Sys 90-081 MOS Programmer w/8K Buffer 4,450

Sys 90-161 MOS Programmer w/16K Buffer 5,050

OPTIONS AND ACCESSORIES

M301-1 Paper-Tape Reader for 115V M980 \$1,150

M301-2 Paper-Tape Reader for 230V M980 1,150

M304 RS-232C Adapter 250

M305 Checksum Adapter for M910A 250

RC12 TTY Cable 30

RC18 RS-232C Cable 60

9103 UV Erase Light 225

9103A-1 UV Erase Light 225

9103A-2 UV Erase Light 225

9202A Carrying Case, Control Unit 100

9203 Carrying Case, PM 95

9204 Carrying Case, PM 150

9205 Carrying Case, PM9080 150

M910A User's Manual (2 copies included free with each M910A) 25

M980 User's Manual (2 copies included free with each M980) 25

PINOUT ADAPTERS

PA16-01 through PA24-79 (exceptions noted below) \$150

PA24-16, 18, 23, 24, 27, 28 190

PA28-01 through PA28-79 190

PA28-80 200

PA40-1,2,3 190

PA40-80 300

PA40-81,82 200

CONFIGURATORS†

CA-X \$ 35

CP-X 70

GC-01 through GC-19 150

GC-20 through GC-29 200

FACT-XX 50

PERSONALITY MODULES AND ACCESSORIES

Personality modules may be ordered at any time, since any module works with any M910A and M980 control unit. To select the correct modules, configurators, and pinout adapters to meet device programming needs, see the PM Selection Guide.

PM9001A 1702A \$700

PM9002A 5203 700

PM9005A 2708 600

PM9006A National 5204 850

PM9007C 5603, 5604 700

PM9016C 5600 700

PM9018¹ Harris 1024/A 950

PM9028C 5605 950

PM9037 Generic MMI, Raytheon 520

PM9039B Generic Harris, Motorola 520

PM9045 Generic Fairchild 520

PM9046B Generic TI-Type 1 520

PM9047 Generic National 520

PM9048 Generic Intel 700

PM9051A Gang 2708 1,100

PM9052A 2516, 2716, 2758 500

PM9053A 2708, TMS 2716 700

PM9054A Generic 8741A, 8748, 8755 550

PM9055A¹ 74186 850

PM9056¹ HM6611 850

PM9057¹ Generic AMI 850

PM9058 Generic AMD 550

PM9059 Generic Signetics 520

PM9060A Gang TMS 2716 1,100

PM9061A Gang 2716, 2516 1,100

PM9064C Generic 5V NMOS EPROMs 580

PM9065 Generic Intersil EPROMs 550

PM9066 Generic MMI 580

PM9067 Generic TI-Type 2 520

PM9068² Generic MMI, National PAL 975

PM9072 Generic Signetics ECL 600

PM9074 Generic 5V HMOS EPROMs 580

PM9075A³ Gang/Gen. 24-pin, 5V MOS 1,250

PM9076A³ Gang/Gen. 24-pin, 5V MOS 1,350

PM9077^{1, 3} Gang/Gen. Motorola EPROMs 1,350

PM9080^{3, 4} Generic 24, 28 & 40-pin MOS 1,700

*Part numbers shown are for operation on 115 VAC line voltage. The 230 VAC and 100 VAC versions are also available. To order the 230 VAC version, change the last digit in the part number from 1 to 2. To order the 100 VAC version, change the last digit in the part number from 1 to 0. Prices also apply to the 100 VAC and 230 VAC versions purchased in the USA.

**An M304 Adapter and RC-18 Cable are also required to implement the 9818 RS-232C interface. An M304 Adapter is supplied with the System 90.

†X is 256x4(H), 1024x8 (EH), etc. XX are the last two digits in the part number of the personality module. CP-X and GC-20 through GC-29 are configurator pairs. Two configurators are included, one for programming and one for erasing EPROMs.

¹ Special order only.

² Includes configurators S1, S2, and S3.

³ Can only be used with the M980 and M910A Control Units.

⁴ The PM9080 is compatible with M980 Control Units built to Production Configuration Revision J or later, and M910A Control Units containing Program Revision E or later. (i.e. Units built after April 1, 1982 are compatible.) The label containing the revision letter is located in the Control Unit opening where the Personality Modules are installed. Earlier M980 and M910A Control Units can be updated to be compatible with the PM9080 for \$100.



2411 Garden Rd., Monterey, CA 93940
Phone: (408) 372-4593, (800) 538-9570
TWX: 910-360-7082, Telex: 171879