

APPENDIX A

P300 / P600 PROM KIT APPLICATIONS

NOTE:

1. Only A7 and B10 Printed Circuit Board Assemblies (PCBAs) can be used with P300/P600 floor cabinet (XQ) printers.
2. Refer to the User's Reference Manual for more detailed information about PCBA layout and jumper definition.
3. The jumper settings on the chart below are factory default settings for a parallel Centronics interface. Dataproducts, serial, coaxial, and twinaxial settings may differ.

P300 PROM KITS

PROM Kit No.	PROM Chip No.	Applicable Board	PROM Definition	PROM Location	Jumper Designation	Jumper Platform Location
104539-002	104253-001	A4	Dot Col. Counter	12D	W-4,5	8K
104539-007*	104254-001	A4	Char. Counter	11D	W-11	9K
	104255-001	A4	Controller	10D	W-6	8K
	105402-001	B7*	PTX 3-300	11L	W-11, 13, 14	9K
104539-037	105952-001	A5 / 6	Dot Col. Counter	12D	W-4,5	8K
	104254-001	A5 / 6	Char. Counter	11D	W-11	9K
	107635-001	A5 / 6	Controller	10D		
	105647-001	B9	Velocity	3E	W-6	8K
	106682-001	B9	11/12 in. F. L.	2F	W-11, 13	9K
	106683-001	B9	Dot Row Decode	10D		7A
104539-025	106995-001	A7	End of Static RAM	2K	W-4,5	9A
	106997-001	A7	Char/Hmr Select	6L	W-11	12F
	107313-001	A7	Dot Col. Counter	9L		
	107307-001	A7	Char. Counter	10L		1H
	107301-001	A7	Controller	11L		
	106682-001	B10	11/12 in. F. L.	11B	W-6	12C
	105647-001	B10	Velocity	5C	W-11, 13	4H
	106993-001	B10	Dot Row Counter	10F		

* 105647-001 velocity PROM for use on 105655-001 mod logic B7 (not compatible with 103830 B7)

NOTES:

1. Only A7 and B10 Printed Circuit Board Assemblies (PCBAs) can be used with P300/P600 floor cabinet (XQ) printers.
2. Refer to the User's Reference Manual for more detailed information about PCBA layout and jumper definition.
3. The jumper settings on the chart below are factory default settings for a parallel Centronics interface. Dataproducts, serial, coaxial, and twinaxial settings may differ.

P600 PROM KITS

PROM Kit No.	PROM Chip No.	Applicable Board	PROM Definition	PROM Location	Jumper Designation	Jumper Platform Location
104539-008	105783-001	A4	Dot Col. Counter	12D	W-1, 4, 5	8K
	105782-001*	A4	Char. Count.	11D		9K
	107474-001	A4	Controller	10D		
	103978-001	B7	PTX F3	11L	W-5, 6	8K
	104363-001	B7	Hmr Reset Timer	2L	W-11, 13	9K
104539-018	105896-001	A5 / 6	Dot Col. Counter	12D	W-1, 4, 5	8K
	105782-001	A5 / 6	Char. Counter	11D		9K
	107474-001	A5 / 6	Controller	10D		7A
	106682-001	B9	11/12 in. F.L.	2F	W-5, 6	8K
	106683-001	B9	Dot Row Decode	10D	W-11, 13	9K
	103978-001	B9	PTX F3	3E		
	104363-001	B9	Hmr Reset Timer	2L		
104539-024	106997-001	A7	Char/Hmr Select	6L	W-1, 4, 5	9A
	107309-001	A7	Dot Col. Counter	9L		12F
	107303-001	A7	Char. Counter	10L		1H
	109643-001	A7	Controller	11L		
	106995-001	A7	End of Static RAM	2K		
	103978-001	B10	PTX F3	5C	W-5, 6	12C
	106993-001	B10	Dot Row Counter	10F	W-11, 13	4H
	106682-001	B10	11/12 in. F.L.	11B		
104363-001	B10	Hmr Reset Timer	2L			
104539-003 (Non-Phase Fire)	104021-001	A4	Dot Col. Counter	12D	W-4, 5	8K
	104261-001	A4	Char. Counter	11D		9K
	107474-001	A4	Controller	10D		

* Use only with Logic A4 105777

CHARACTER PROMS

106220-001	A7	ASCII	8K
106406-001	A6	ASCII	3E

CHARACTER PROMS: UPPER- AND LOWERCASE PROM SETS

Uppercase	101156-001	A4	H, K-1, 2
Lowercase	101157-001	A4	F-1, 2

APPENDIX B

PCBA JUMPER LOCATION GUIDE

This chart lists the location of jumpers on logic A and logic B Printed Circuit Board Assemblies (PCBAs) used in P-series printers.

For information about the physical layout of these PCBAs, refer to the User's Reference Manual.

Logic A Boards	Jumper Designation	Jumper Location on PCBA	Logic B Boards	Jumper Designation	Jumper Location on PCBA
A4	E1, E2	C9	B7	F1	B7
	E3, E4	B9		F2	C5
	W8 – W14	9K		W8 – W14	9K
	W1 – W7	8K		W1 – W7	8K
A6	E1 – E4	A8	B9	E1 – E3	D10
	W15 – W21	7A		E6, E7	B9
	W8 – W14	9K		E12 – E15	D2
	W1 – W7	8K		E10, E11	D5
A7	E1 – E4	D1	B10	E8, E9	F5
	E11 – E13	B2		W8 – W14	9K
	E9, E10	L1	W1 – W7	8K	
	E14 – E16	K7	E1 – E3	H10	
	W8 – W14	12F	E4, E5	K10	
	W15 – W21	1H	E6, E7	H7	
	W1 – W7	9A	E8, E9	B12	
			E10, E11	B1	
			E12 – E14	C9	
			W1 – W7	8K	
			W8 – W14	4H	