	Revisions					
LAL	Rev.	Description	Chk	Date	Approv	ed .
	A	ENGRG RELEASE	1.50	3.4-76	R	~
)	В	REVISED	- del	6-16	R	
	C	M/L ITEM 45 WAS 10K P/N 116447-103. SH 9 R1 WAS 10K.	BU	7-28	R	-
×	D	M/L ITEM 20 P/N 74S86 WAS 7486, ITEM 37 2200 pF P/N DC-222K WAS 820 pF, P/N DC821. ADDED ITEM 45,50, & 51. ITEM 57 P/N 514-AG11D WAS 514-AG10D, ITEM 58 P/N 516-AG11D WAS 516-AG10D. SH 9 REVISED LOGIC DIAGRAM. SH 2 ADDED NOTE 3.	BN.		RF	<u>,</u>



THIS DOCUMENT	CONTAINS 23 SHE	ETS.				A T 75
		T			Dist Code	ALT
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erty of Xerox Corporation and/or Rank Xerox, Ltd. issued in strict confidence and shall not, without	1. Tolerances .xx ±.03 Angular .xxx ±.010 ±½°	Appr 4 3-3-76		Title ATTO TT	/ \hasi	
the prior written permission of Xerox Corporation or Rank Xerox, Ltd., be reproduced, copied or used for any purpose whatsoever,	2. Break All Sharp Edges .010 Approx.	Material Contain	<u> </u>	ASSEMBLY,	PRINTED WI	RING-
except the manufacture of articles for Xerox Corporation or Rank	3. Mach. Surfaces			ETHI	ERNET	
Xerox, Ltd.	4. All Dim. in Inches			_		
Model No. ALTO II Finish		Code Ident.	Size	Dwg. No.	,	Change
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564 1/2/20		Scale -	D	o Not Scale Drawing	Sheet I	

NOTES: UNLESS OTHERWISE SPECIFIED

THE FOLLOWING MODIFICATIONS HAVE TO BE MADE TO THIS ASSEMBLY USING "B" REVISION PRINTED WIRING BOARDS:

CUT ETCH BETWEEN

- 1) A47-12 AND A50-2
- 2) A50-2 AND A60-5
- 3) A50-13 AND A54-6

ADD WIRE FROM

- 1) A47-4 TO A60-5
- 2) A54-6 TO A60-5
- 3) A50-2 TO A64-6
- 4) A64-4 TO A77-7
- 5) A64-5 TO A75-6
- 6) A50-13 TO EC PIN 76
- ASSEMBLE PER ALTO II MODULE ASSEMBLY SPECIFICATION, DWG NO. 216207. 2.
- THE FOLLOWING MODIFICATIONS ARE REQUIRED ON THIS ASSEMBLY USING "B" REVISION PRINTED WIRING BOARDS:
 - 1) CUT ETCH BETWEEN C104 AND FEED THRU (COMPONENT SIDE)(CONNECTS TO A67-3).
 - 2) ADD 10 RESISTOR (R18) FROM C104 TO FEED THRU (CONNECTS TO A67-3).
 - 3) ADD 470 RESISTOR (R19) FROM C104 TO END OF R13.

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ASSY, PRINTED WIRING **ETHERNET**

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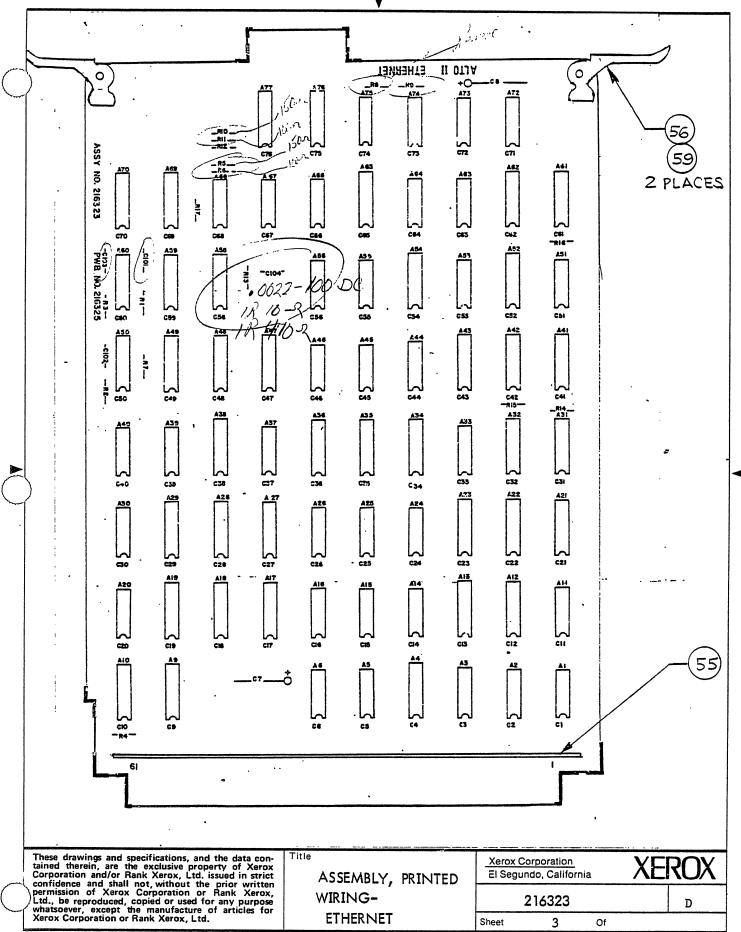
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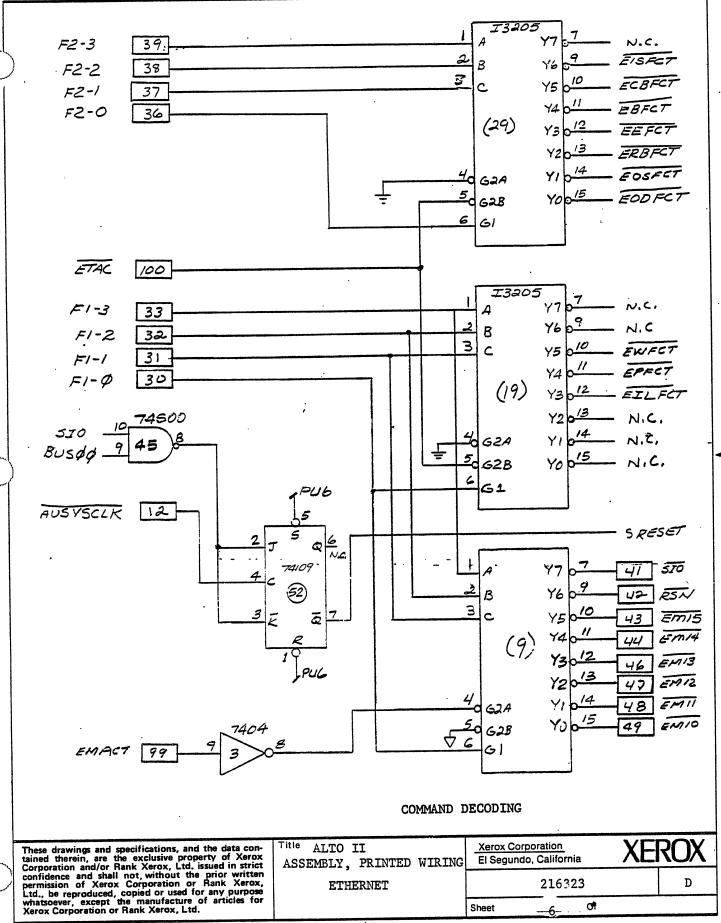


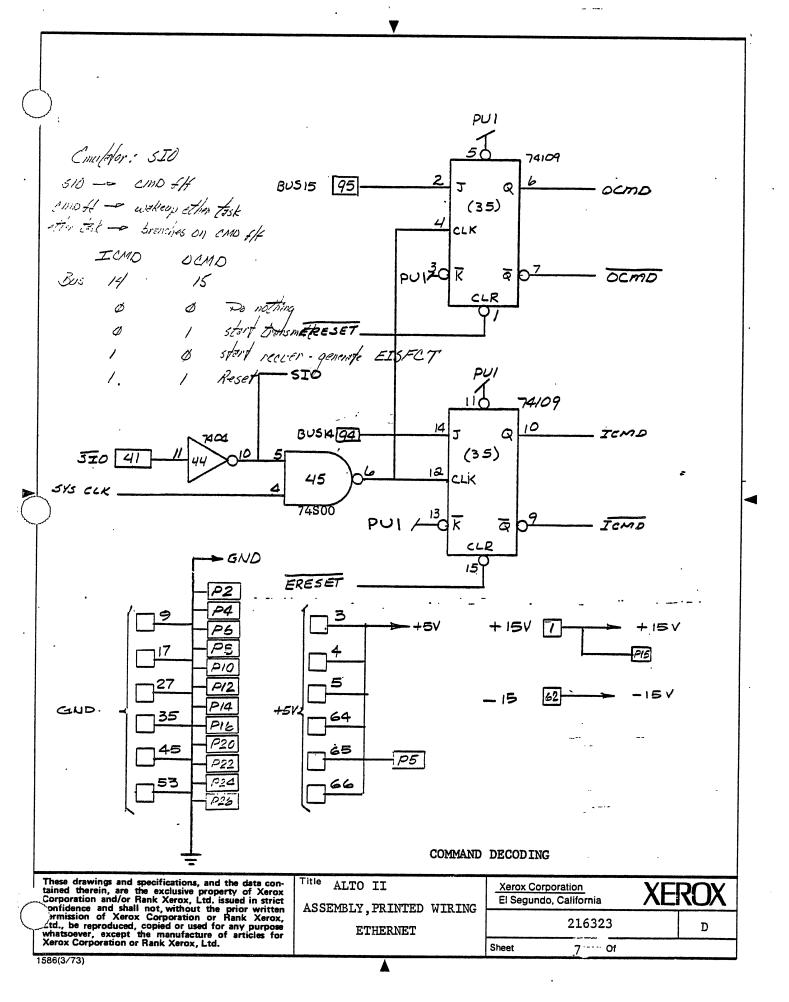


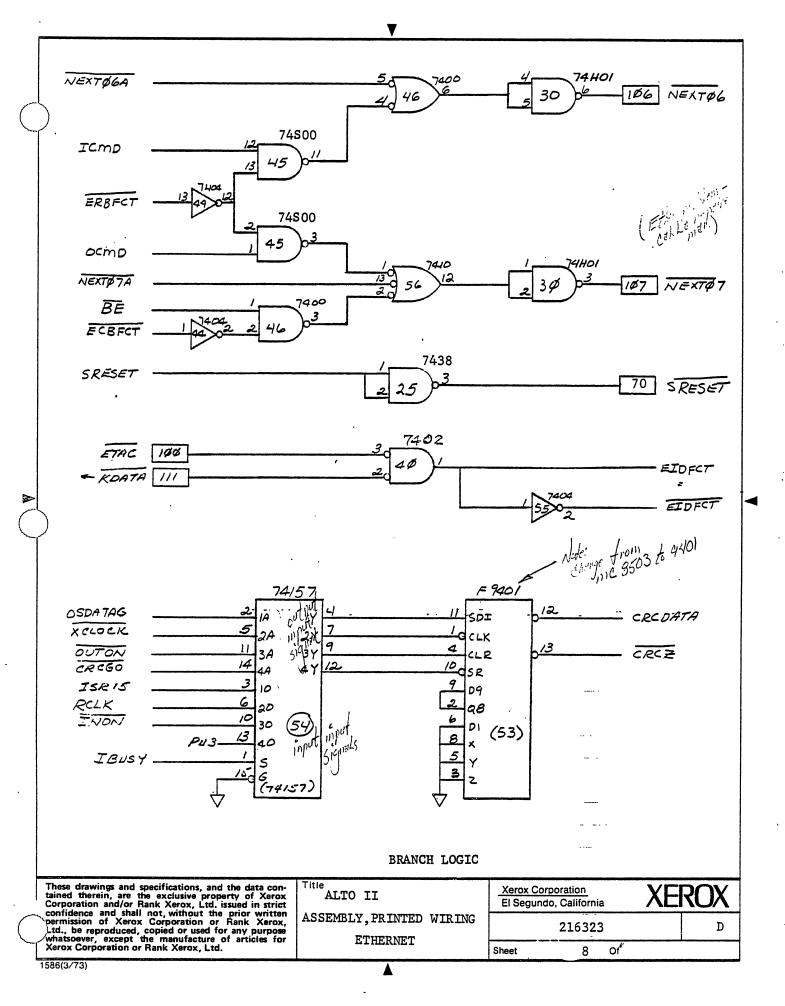
ر <u>د</u>	ALTO II			re the exclusive pro k, Ltd. issued in stri written permission	operty of a ct confident of Xerox C	, and the data contained there Xerox Corporation and/or Rank ance and shall not, without the orporation or Rank Xerox, Ltd. ny purpose whatsoever, excep-		
3		ETHERNET		be reproduced, copied or used for any purpose whatsoever the manufacture of articles for Xerox Corporation or Rank Xerox C				
632	Item No.	Drawing Title		Drawing No.	No. Req.	1 7 01		
216323	1	Board, P.W. Ethernet		216325	1			
	2	Procedure, Test		216324	REF			
Z	3	Spec, Module Assembly		216207	REF			
	4	Microcircuit, 74H21			2	A1, 39		
	5	7408			3	A63,64,68		
	6	7404			3	A3, 44, 55		
	7	74H01			1	A30		
	8				 			
	9	7437			1	A73		
	10	74LS298	·	-	4 .	A13,17,23,27		
	11	7400			2	A20,46		
	12	74164			2	A33,37 =		
_	13	· 74165			2	A34,36		
)	14	7402			2	A40,72		
مسب	15	74174			1	A43		
	16	74157			2 -	A48,54		
	17	74123			2	A50,60		
	18	7410	-		- 2	A56,74		
	19	74161			2	A58,59		
	20	74\$86			1	A67		
	21	74\$08			1	A2		
	22	7438	_		8	A5,6,14,15,16,24,25		
	23	74\$37			1	A11		
	- 24	74800			3	_A45,75,66		
	25	74S157			1	A76		
	26	898-1-R1.0K Beck			3	A4,32,38		
	.27.	I3205 Intel			3	A9,19,29		
	28	I3101A Intel			4	A12,18,22,28		
	29	P3601 M.I.L. OR	TN473		3	A41,42,49		
	30	Microcircuit, 9401 Fairchild	·		1	A53		
	31	Microcircuit, 74109			13	A10,21,31,35,47,51,		
·)						52,61,62,65,69,70.		

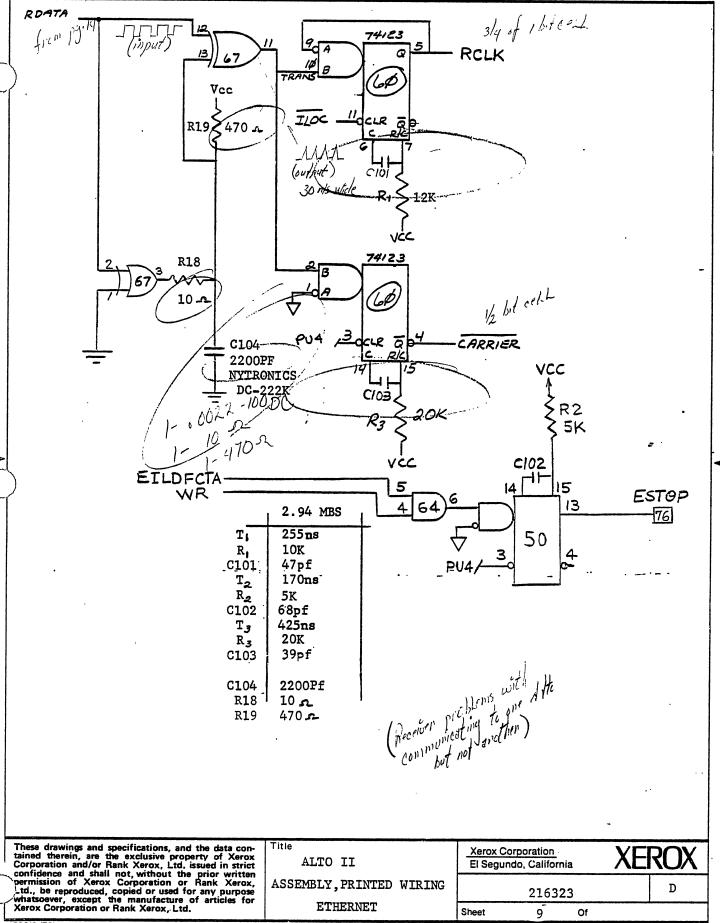


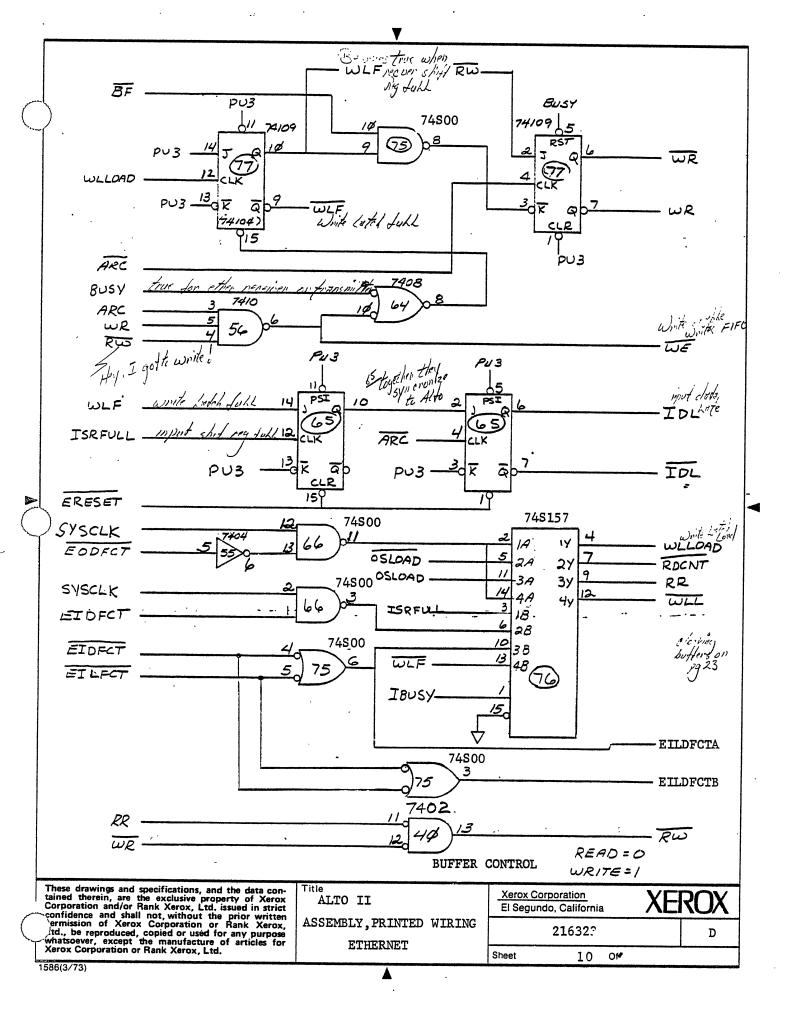
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``	34	Capacitor, .05 μF, 10V,	Centralab UK	-10-50	3 .		71	Cl-	6,9-56,	58-7	6
_	35	Capacitor, 47 pF Nytr					2	C1	01,103		
Ξ	36	Capacitor, 68 pF Nytr					1	C1	02		١
	37	Capacitor, 2200 pF Nytr	onics DC-				1	.C1	04 ·	•	
	38	Capacitor, Tant., 22uF +	20%, 15V		187	7720-005	1	C	7		
	39	Capacitor, Tant., 18uF ±	20%, 50V		123	3300-186	1	C	8		
	40										
	41	Resistor, Film, 1K,	±5%, 1/4W		116	447-102	7	R4	,12,13,	14,15	,16,
	42	5.1K,				512	2	R2	,7		
	43	200ء				201	2	R6	,11		
	44	ے 270 م				271	2	R5	,10		
	45	12K				123	1	R1			
~,	46	20K				203	1	R3			
기	47										
	48	120 ഫ				121	1	R9		-	
	49	330.5				331	1	R8			
	50	10 2_	.			100	1	R18	3		
	51	Resistor, Film, 4.7K,	±5%, 1/4 W		·116	447- 471	· 1	R-19		·	
ĺ	52										
	53				-						
	54	·									
	55	Stiffener			216	242	1				
	56	Extractor, Module			216	250	2				
	57	Socket, Microcircuit					33	Aug	gat #514	4-AG 1	.1D
	58	Socket, Microcircuit					40	Aus	gat #51	5-AG 1	1D
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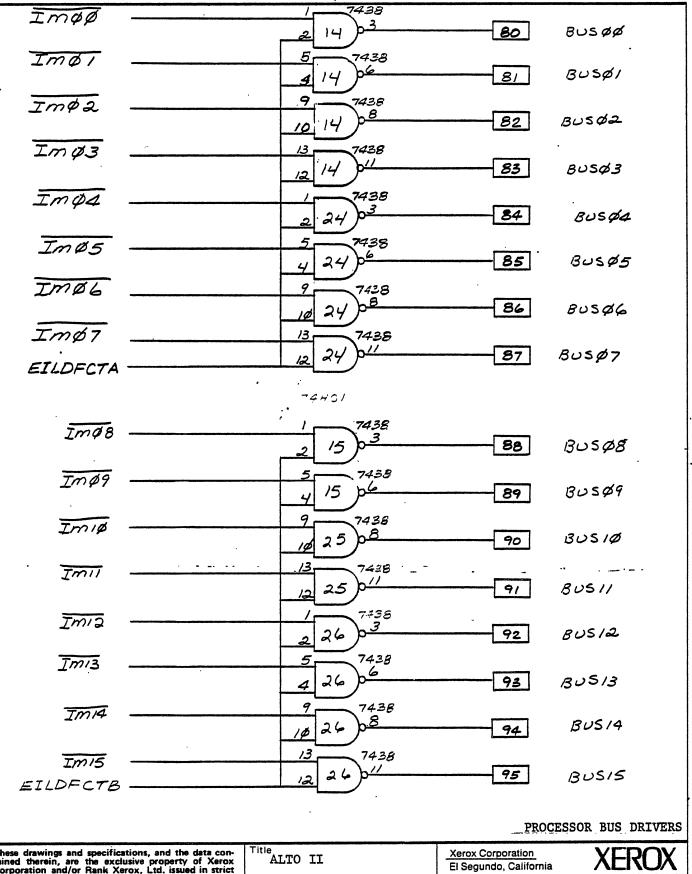












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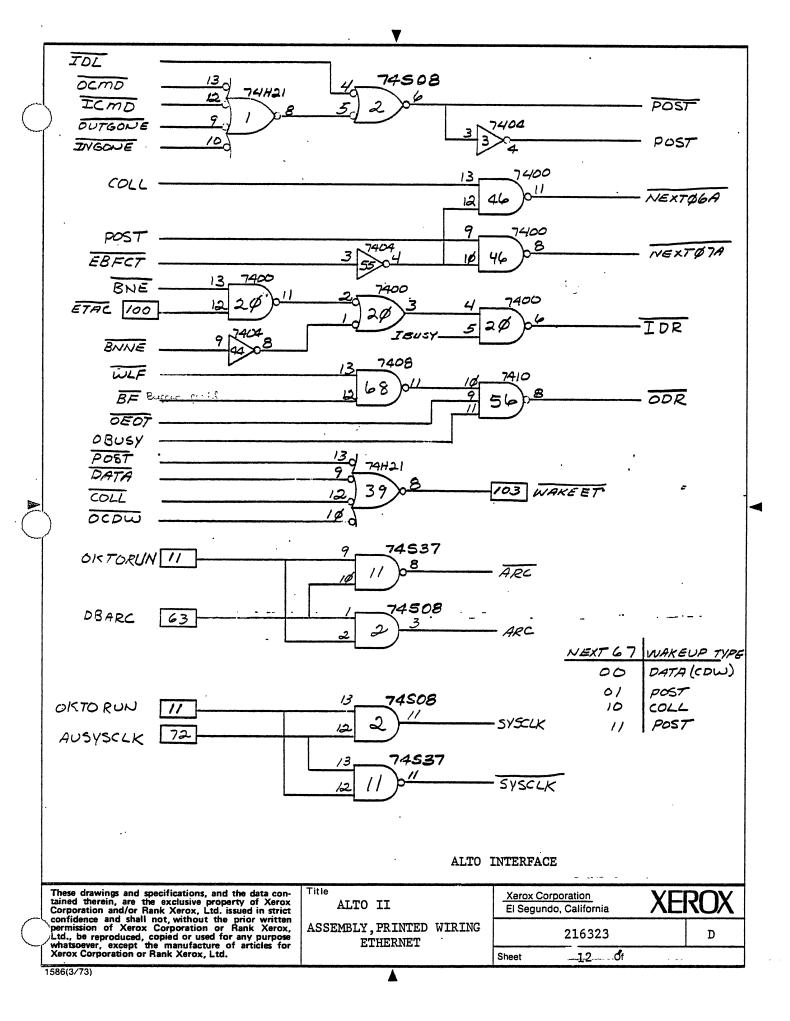
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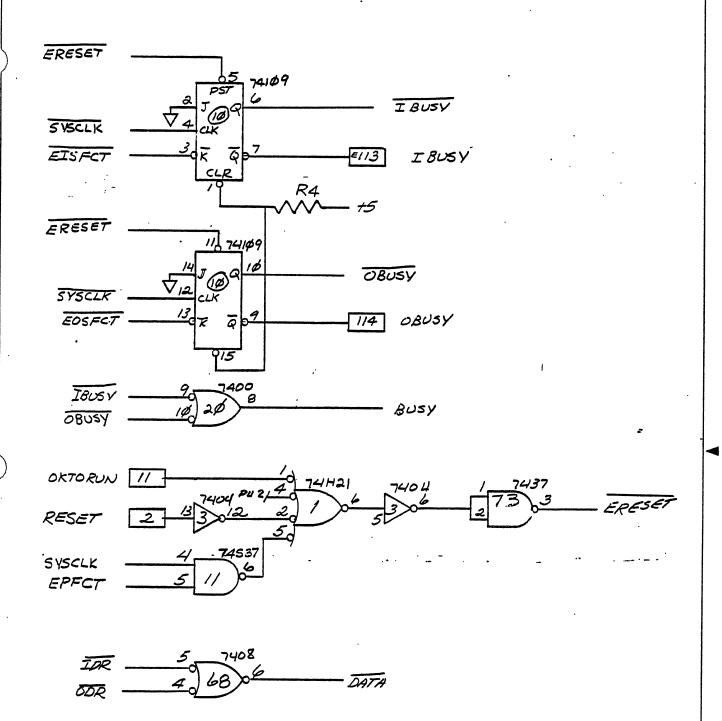
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ALTO INTERFACE

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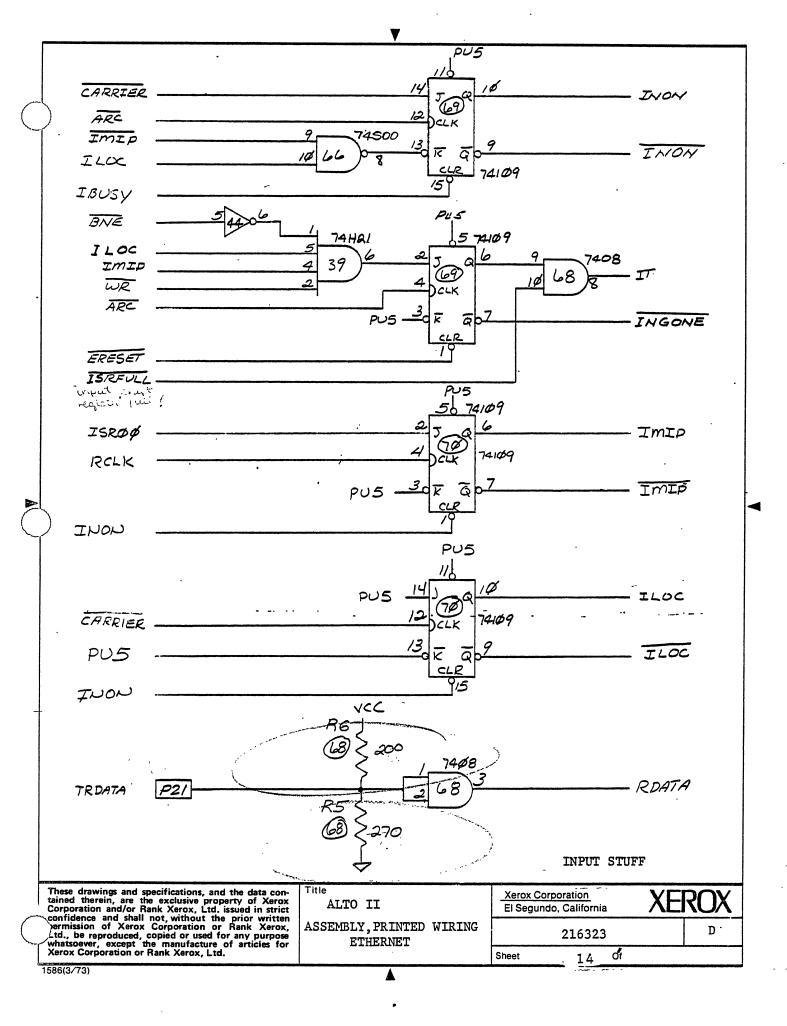
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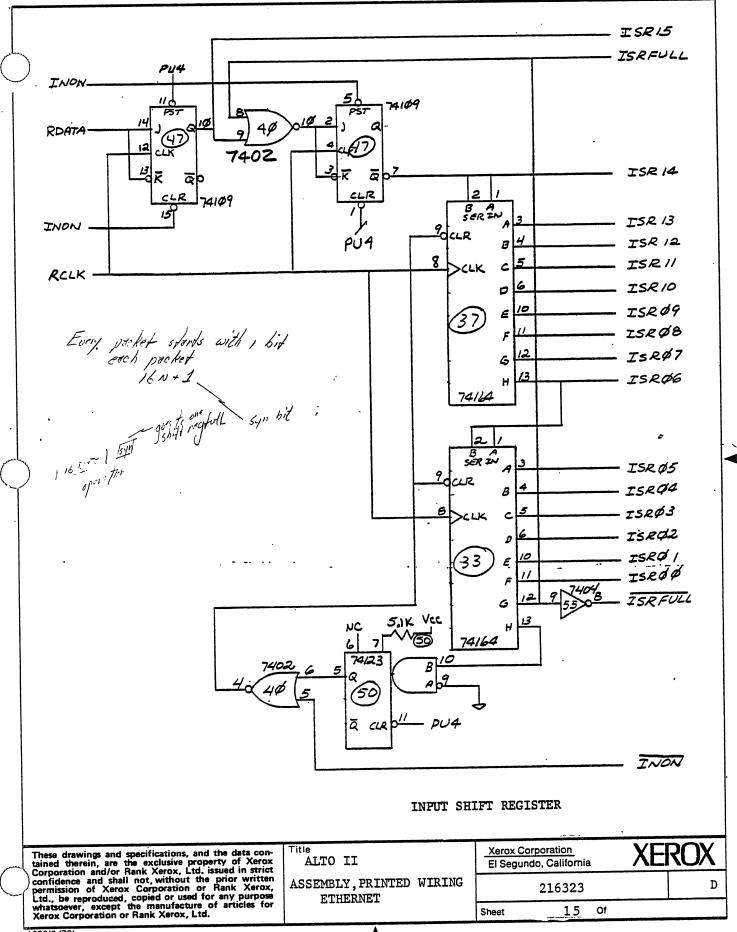
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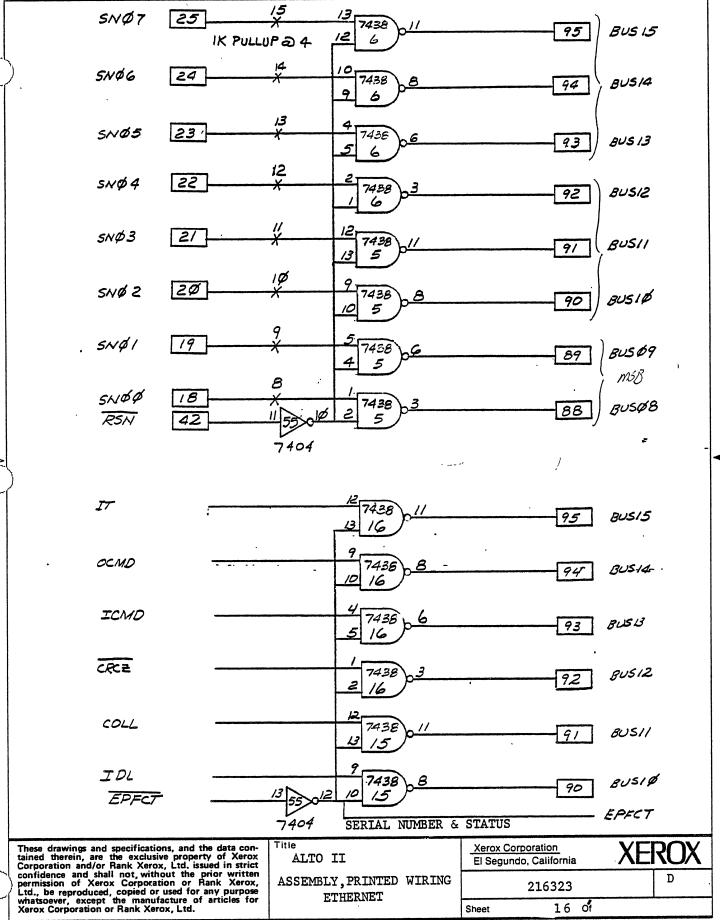
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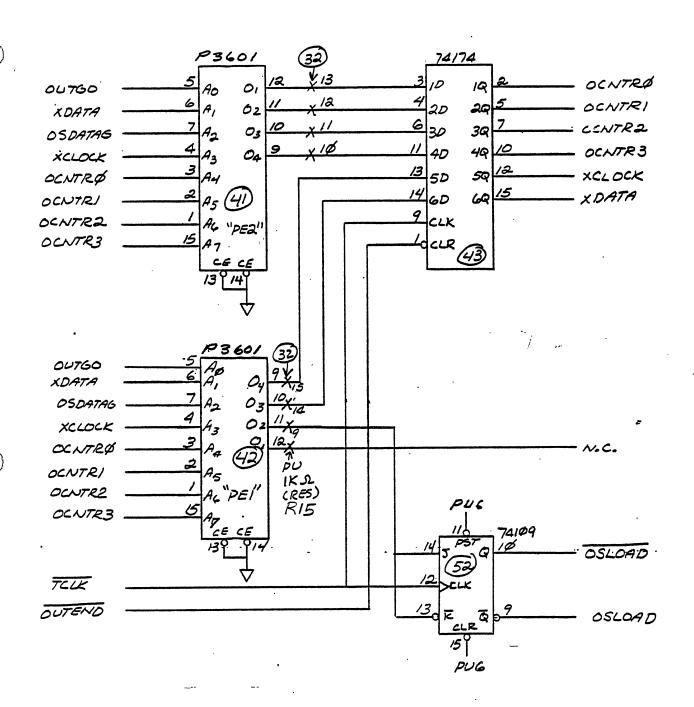
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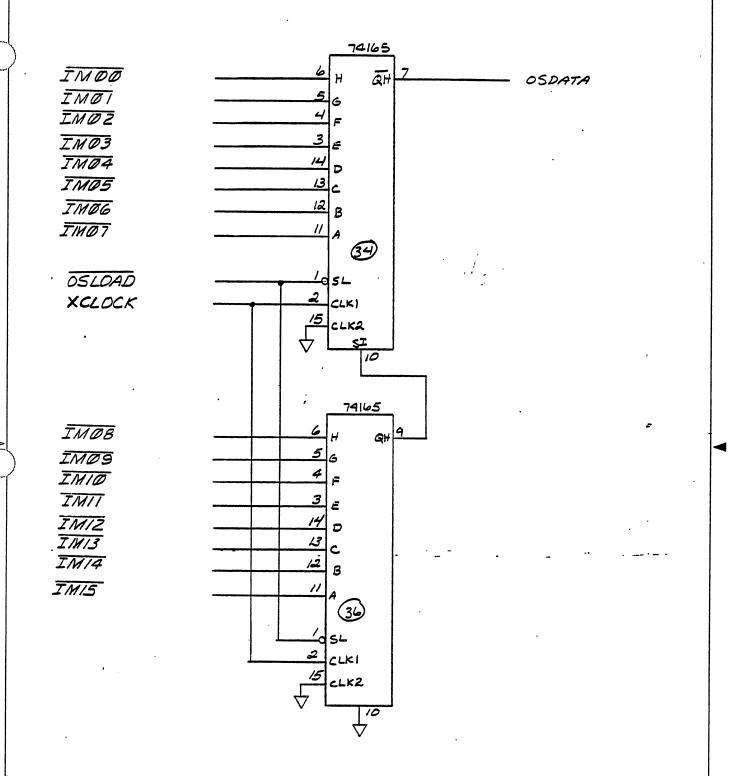


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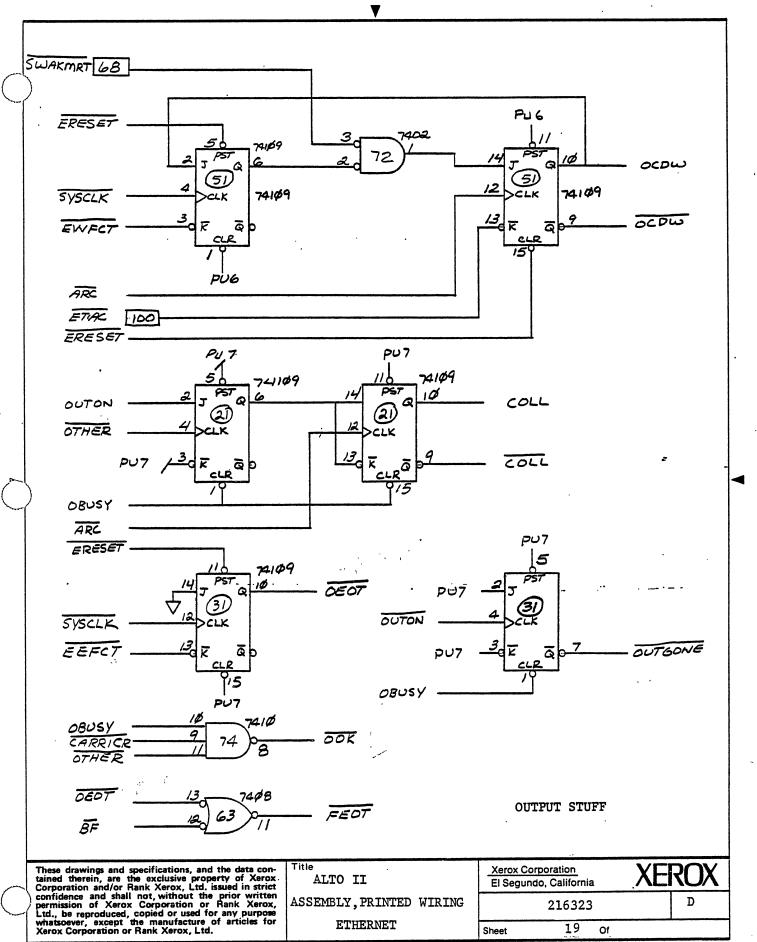
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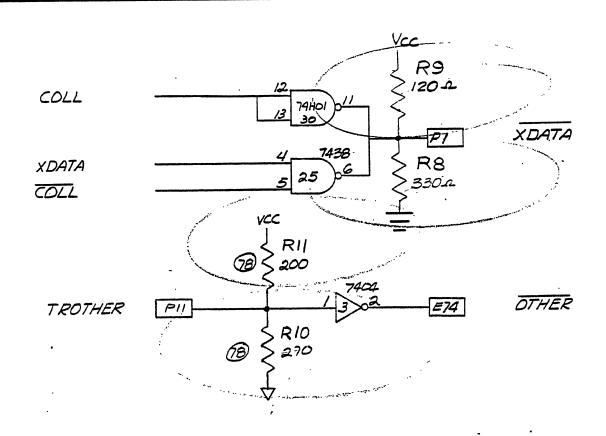
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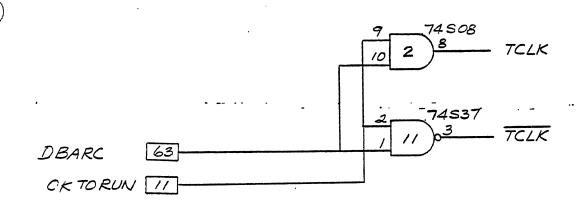
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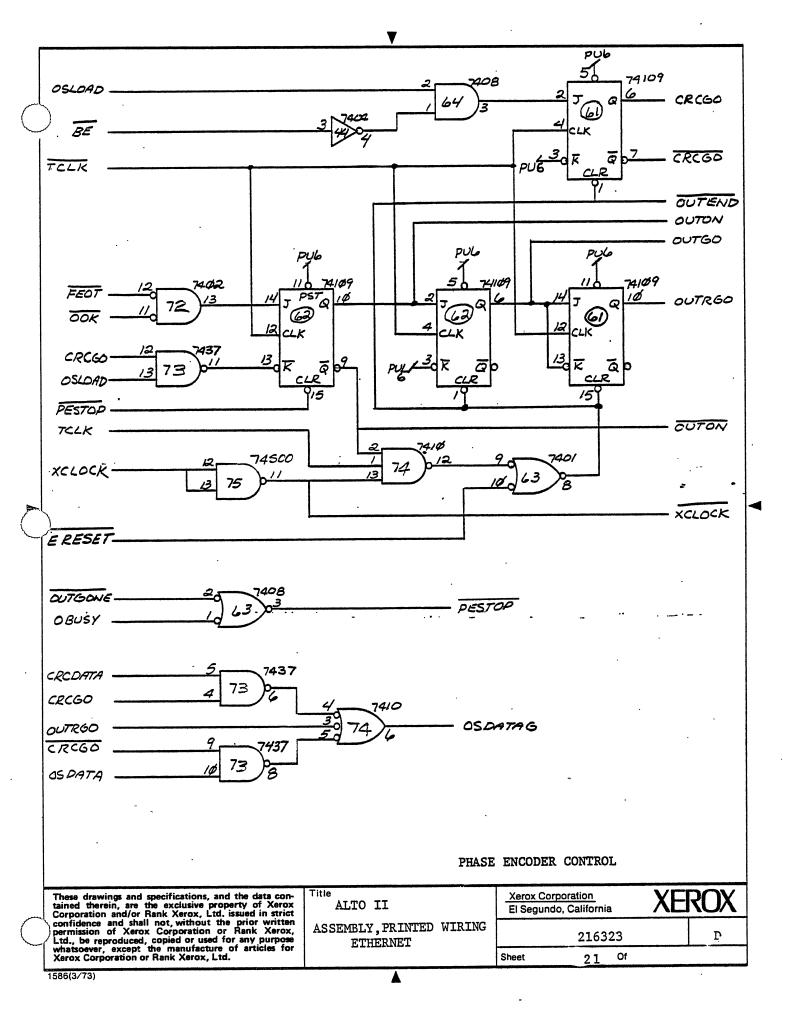
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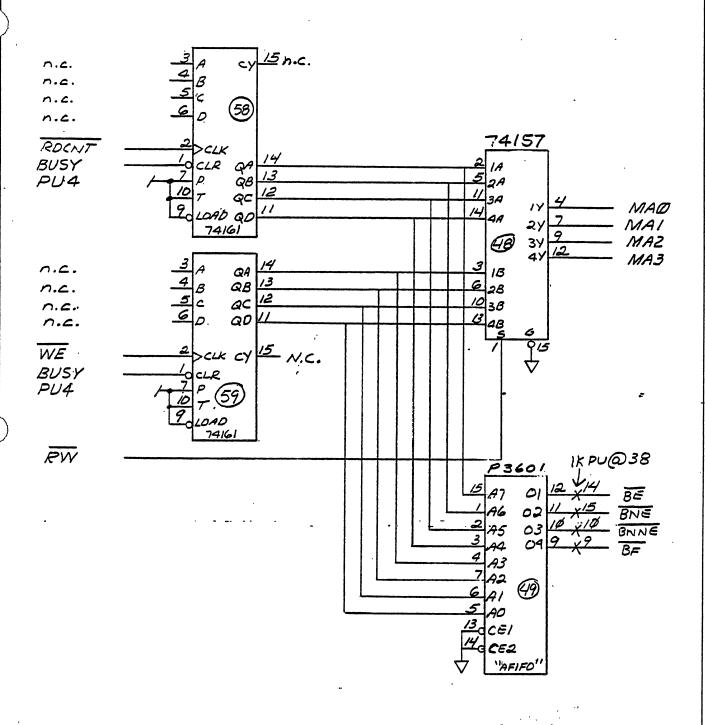
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HALF DUPLEX BUFFER

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