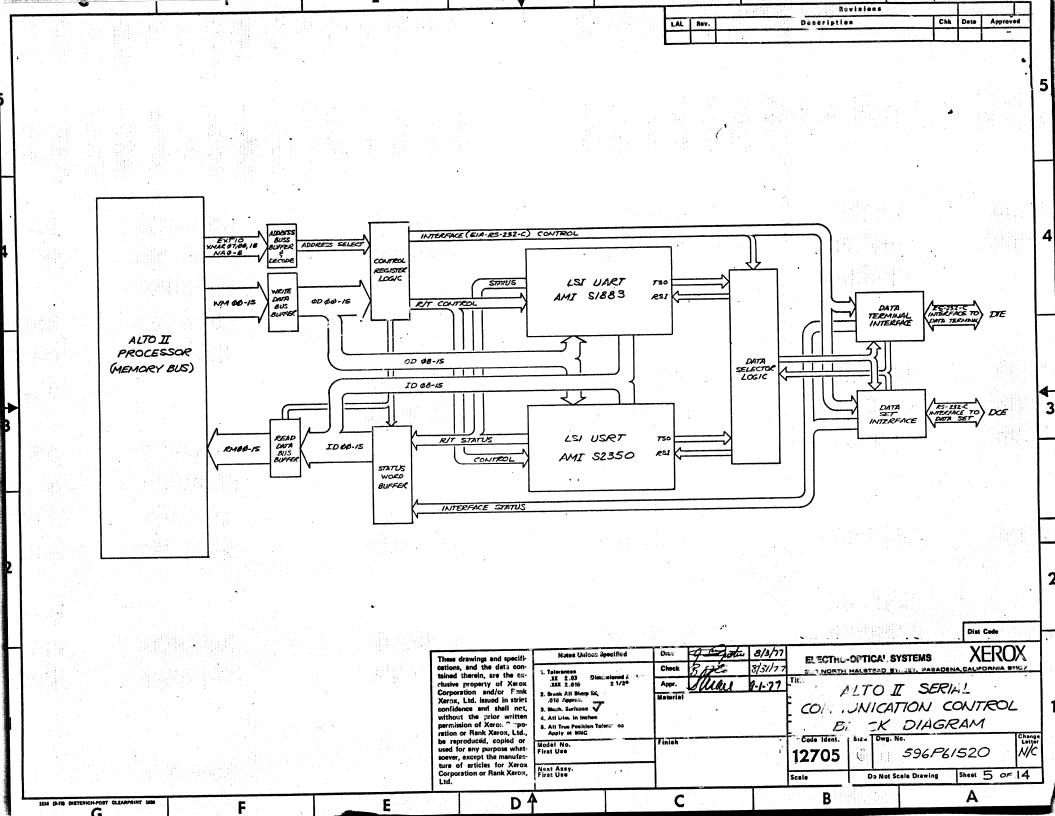
* ADDLICATION	1	REVISIONS	
* APPLICATION NEXT ASSY USED ON	LTR	DESCRIPTION	DATE APPROVED
NEXT ASSY USED ON	A	CORRECT SCHEMATIC ERRORS	2/8/18 Justu
	B	ADD MATERIAL LIST	2/10/78 Just
	10	ADD MAICHINE ETST	1 A T
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EVER EXCEPT THE MANUFACTURE OF ARTICLES FOR XEROX CORPORATION.		APPD. State 216/18 CO. W. W. L.	I SERIAL
Williams Law Street Agent American		PRINT DISTRIBUTION COMMUNI	ICATION CONTROL
was a		DWG. 50	NOVICO REV.
		- 	16761520 R
		SIZE SH	1 of 14

EOS FORM NO. 1027 (REV. 7/71)

Draw	ving Ti	itle		Mod	el No.	Date	Sheet
ALT	TOI	I SERIAL	COMMUNICATION C	CONTROL			2/9/78 3 014
Item	No.		Drawing Title		Drawing No.	No. Reg.	Remarks
1		BOARD,	GENERAL PURPOSI	E, WIRE-WRAP	596P61 506A	- 1	
2	2	MICROCI	RCUIT 8T98	N		15	A1, A9, A12, B1, C1, C2, C4, C9, C1 E1, E12, F1, F9, G1, G12
	3		74LS	75N		2	AS, BS
	4		7485	5N		1	A6
	s		74LS	602N		3	A8,89,C6
4	6		74LS	174N		1	A10
	7		743	8N		1	AII
٤	8		1489	∂PC		3	A13, B13, G13
	9		74L	S138N		2	B6, F10
ı	10		S23	50P		1	B7
	11		74L	500N		5	88, BII, F8, 69, 61
	12	u again	749	JAN		1	BIO
.1	13		819	7N		10	B12, C3, C5, C8, E2, E3, E F5, F12, G5
	14		74ι	LS30N		1	C6
	15		F4	702PC		1	CIO
	16		74	221N	**************************************	2	C11, A8
	17		14	88PC		3	C13, E13, F13
- 1	18		74	LS175N		4	D2, D4, E10, G10
	19		74	04N			Ds
	20		74	LSION		2	E4,FII
	21		74	IZSN		ı	E9
	22		CI	04011BE		1	EU
	23		7.	474N		3	F6,66,68
		MICRO	CIPCUIT S	1883P		1	F7
	25	RESIST	DE PAK, MONOLITH	IC 316B272		6	AZ, A4, B4, F4, GZ, GC
_	26		OR PAK, MONDLIT			6	A3, B2, B3, F2, F3, G

Drawing ALTO	I SERIAL COMMUNICATION CONTROL	el No.	Date	2/9/78 Sheet 4 of
Item No.	Drawing Title	Drawing No.	No. Req.	Remarks
27	RESISTOR PAK, MONOLITHIC 316B221		I	D7
28	SWITCH, DIP, SPST, 3-POSITION 76BO3		1	DI
29	CAPAC ITOE PAK, MONOLITHIC. 934C103XOSR		1	DL
30	CAPACITOR, 15 uf, 20V, TANT.,		10	
31	56pf, CER.		3	
32	33 pf, CER		2	
33	390pf, CER	1	3	
34	CAPACITOR, 1.0 MF, CER		2	
35	DIODE, IN400Z		2	
36	DIODE, ZENNER, 12V		1	
37	TRANSISTOR, 2N3906		1	
38	RESISTOR, 681, 14W, ±5%		1	
39	3301, 14W, ±5%		١	
40	3902, 1/2W, ±5%		. 1	
41	10Ms, 1/4W, ±5%		١	
42	16KA, 4W, ±5%		2	
43	1502, 4W, ±5%		1	
44	43K.L., 1/4W,±5%		1	
45	36Ks, 1/4W, ±5%			
46	RESISTOR, 510 K.A., 1/4W, ±5%			
47	CRYSTAL, 2.45760 MHz		•	



.			19 to 2, 0	3	3 0/1		
CONTROL W	IORD FORMATS .		STATUS WORD FO	DRMAT	. 773		7
	INITIF - INITIALIZE INT	TERFACE CIRCUITS	DEDRISE LINE	86 87 88 89 8	10, 811, 812, 813, 814, 815		
80 81 82 8	0 LINE DS HD S STD X BA	8/3 8/4 8/5 QUD RATE	INTERFACE STATUS (1	HIGH ORDER B	MIE)	ATT C:1	
LINE - ADD	RESSES CONTROL WORD TO SELE	ECTED LINE CONTROL; UP	D — DISCONNECT OF RS-232	FLAG: WHEN!	T SET'THIS BIT INDIC RDY IF DATA SET INT Y IF DATA TERM INTERFACE	TERFACE IS	
TO	8 FULLY PROGRAMMABLE, FU BE ACCOMPDATED IN ONE AL	ULL DUPLEX LINE CONTROLS LITO II PROCESSOR.	CD - CARRIER DE	ETECT FLAG.			-
SET	EN SET, SELECTED CONTROL WILL ; DEFAULT TO DATA TERMINA EN SET, SELECTED CONTROL	AL.	SI - SEND INDIC CLEAR TO SE	TATOR FLAG: WHEND IF DATA SE	HEN BIT IS SET, INDICATES ET INTERFACE IS SELEC	TED; REQUESI	
DEF	FAULT TO FULL-DUPLEX.	SET() IN HALF- DUPLEX	TO SEND I	F DATA TERMI ALF DUPLEX BR	NAL INTERFACE IS SEI REAK: IN HALF DUPLEX	LECTED.	
STD - SET	S SECONDARY REQUITO SEND	SET. SETS SECONDARY CARR.	RECEIVING	STATIOU.	ALS A BREAK BY THE		1
DET BAUD RATE	- SELECTS BAUD RATE AT WHI	ICH LINE WILL OFERATE.	RDA - RECEIVE D	DATA AVAILABL			
0 0 1	0 - 50 BAUD 0 1 1-290	00 BAUD 1 0 0-9400 BAUD	TBMT - TRANSMIT I SCR - SYNC CHA FCT - FILL CHAR	ARACTER REC	EIVED (USRT).		
010	1 - 200 BAUD 0 1 0 469	00 BAUD 1 0-150 BAUD	RPE - RECEIVE P ROR - RECEIVE C	PARITY ERROR OVERFLOW ERR	ROR		
0 1 1 1	O-600 BAUD TO 0-120 INITET - INITIALIZE RE	BAUDI	RFE - RECEIVE F	RAMING ERR 2 (RIS)	COR (UART)		H
	1N1/K/ - INITIALIZE RE		INTP- INTP-D+	₩+RI+SI+R	RDA+TBMT+SCR+(SRT)	·SEND·HDUP)	
- 100	I LINE NOB WARAS POE NEB	×××					
<u>87</u>	ECTS Nº OF DATA BITS FER CH	HARACTER	DATA WORD FO	RMAT (R	PECEIVE OR TRA	NSMIT)	5
00	01078		80 81 82 83 84 85	S 86 87 88 89 8	10.811.8/2.8/3.8/4.8/5. ATA FIELD		
NPB - NO	PARITY BIT WHEN SET LECTS ASYNCHRONOUS (UART)) OPERATION WHEN SET OR	1 ~ ^ ^ 1 = · ·			/ \	
SYI	NCHRONOUS (USRT) WHEN LECTS EVEN PARITY WHEN SET	NOT SET. F.ODD PARITY WHEN NOT SET.		\$ 1500	book stream	package	
NSB - SE	LECTS Nº OF STOP BITS PER	R CHARACTER WHEN ASYNC	> hackwards	(See	J-1-)		
	STOORITE WHELL NOT SET (EXC	CEPTION: SELECTS 1.5 STOP DATA BITS ARE SELECTED).					1
• WITEWONIC	INITRG - INITIALIZE	REGISTERS	- T0+	1:11	and come	•	14
	83 84 85 86 87 88 89 80 811 812 O LINE F/S DATA FIE		10 200	1	and sync registers		1
E/S - WI	HEN SET CAUSES DATA FIELD TO BANSMITTER FILL CHARACTER RE	O BE LOADED INTO USRT	\mathcal{L}	char	registers	•	1
(De	BANSMITTER FILL CHARACTER RE TA FIELD WILL BE LOADED IN HARACTER REGISTER.	TO USRT RECEIVER SYNC	70		9		-
• MNEMONIC	RESET - GENERATE CO						
	83 84 85 86 87 88 89 80 811 82 1 LINE D RRT RR X X X	12 813 814 815				•	
D - GE	NERATES A LINE DISCONNECT/M	MASTER CLEAR OF THE SELECTE	•	•			
RRT - CL	THE TO WHICHRONOUS RECEIVE	TIER (UART/USRI) WHEN SET.					3
RE	ECETS SYNCHRONOUS RECEIVED STARIS SYNCHRONOUS RECEIVED DDE FOR SYNC SEARCH.	VER IN THE BIT TRANSPAREN	(n				
	SWI - FORCE THE SELEC	TED CONTROL TO REQUEST		•			1
80 81 82	AN INTERRUPT 83, 84, 85, 86, 87, 88, 89, 810, 811, 812	17 BI 3 BI 4 BI 5					L
•	O LINE X X X X X X		F				
	. 63 84 86 86 87 88 89 80 BII BI						
110							
							2
					101		
							-
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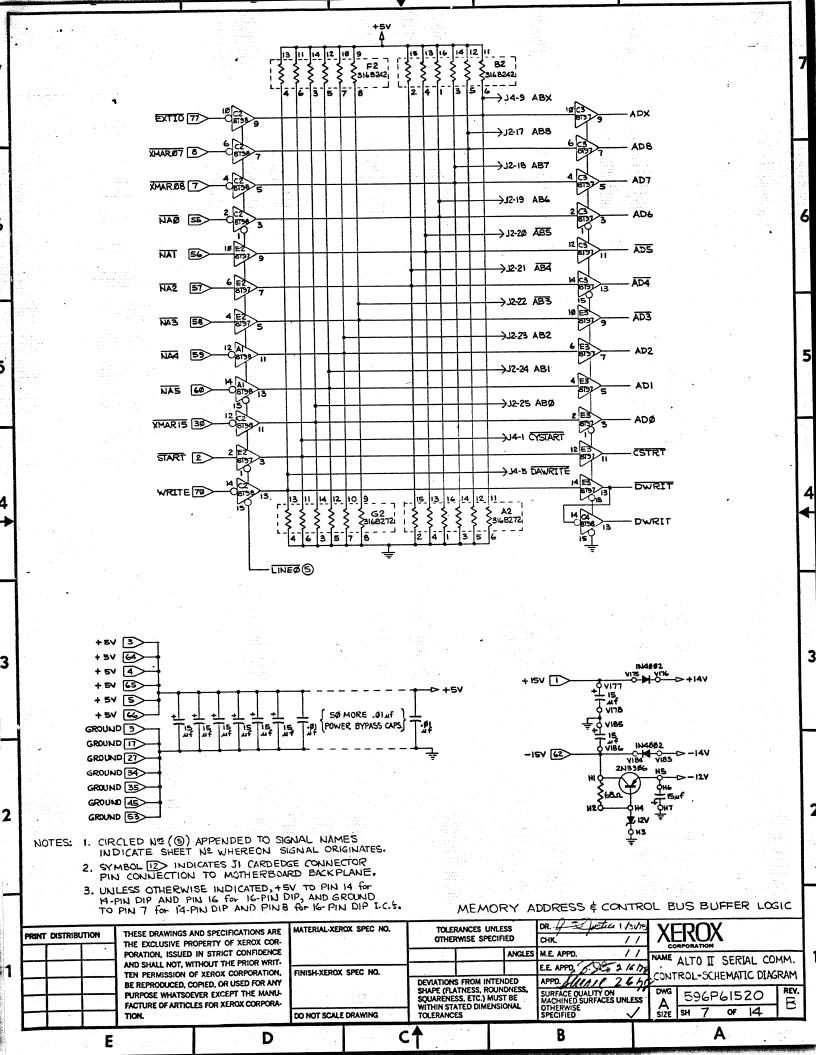
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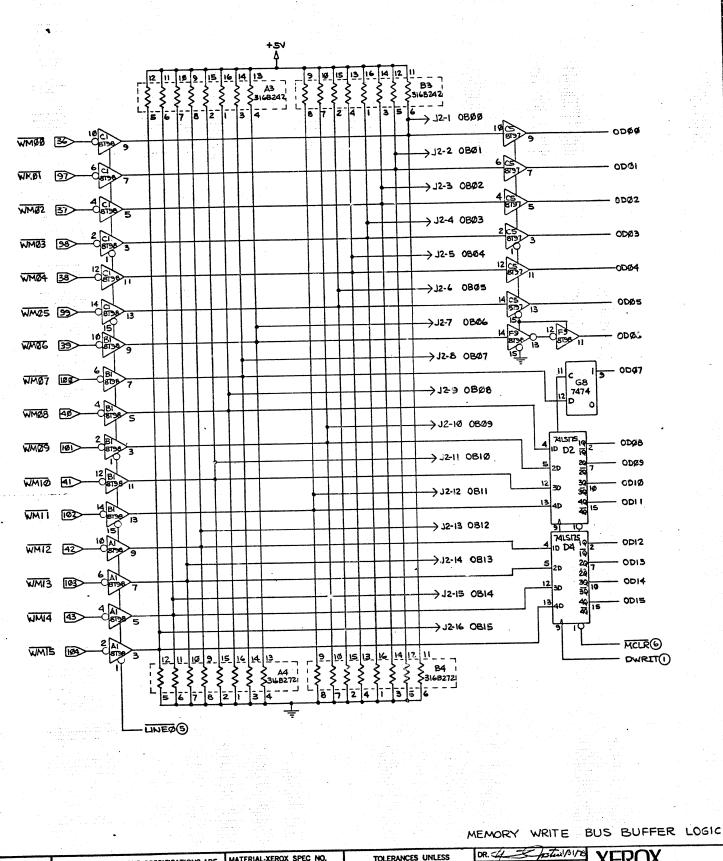
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