

4. UNLESS OTHERWISE NOTED: RESISTANCE IS IN OHMS; CAPACITANCE IS IN PICOFARRADS.



SIZE CODE	NUMBER	REV.
D	M7231-0-1	C
0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8

BA

BRUNING 40-522 16699

DEC FORM NO
DBD-135A

GND

ETCH BOARD REM	D
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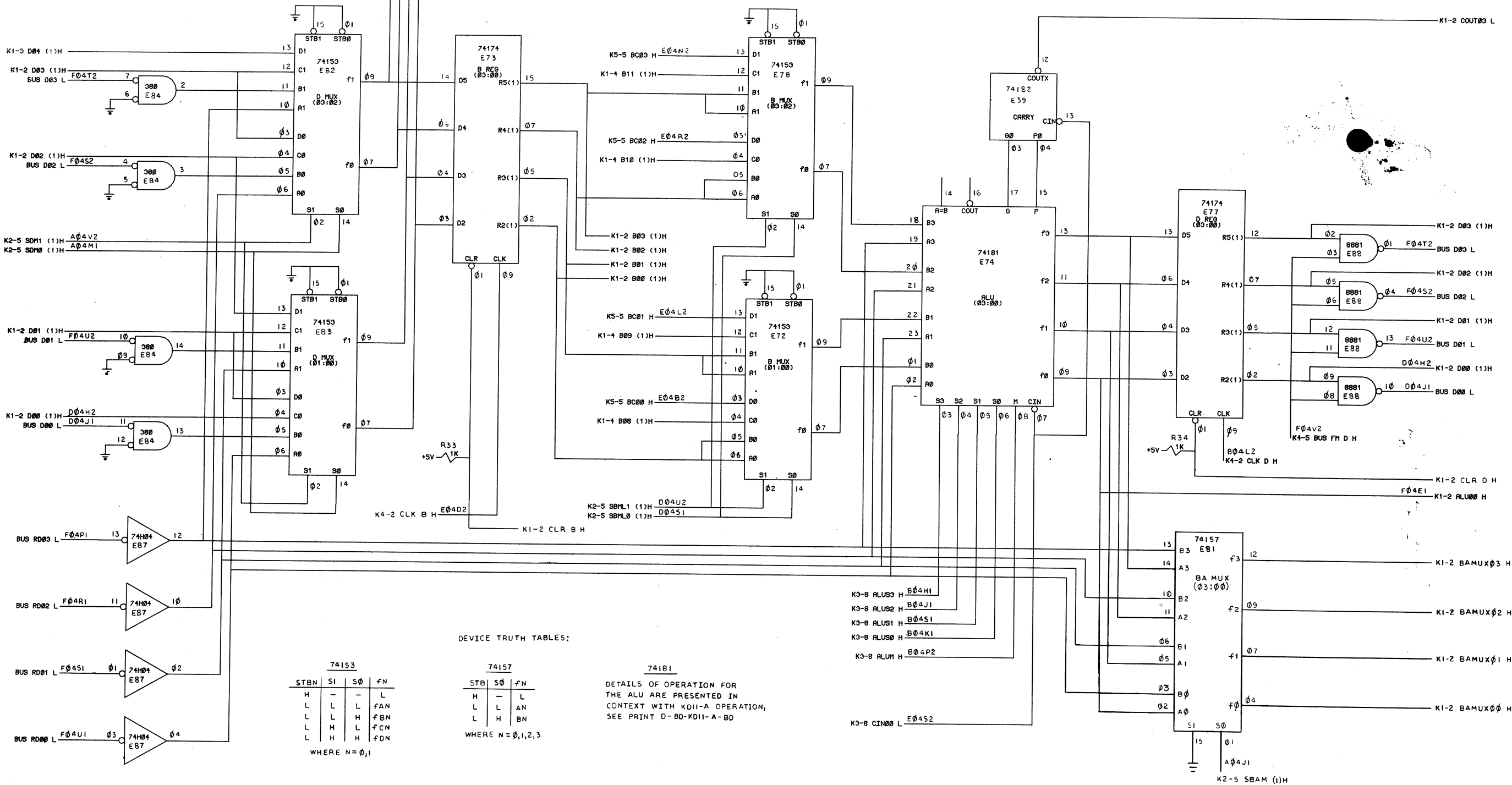
[illegible]

DEC NO.	EIA NO.	DEC NO.	EIA NO.
SEMICONDUCTOR CONVERSION CHART			

RD11-A		SIZE CODE		NUMBER				REV.	
SCALE $\frac{1}{4} = 1$		D CS		M7231-0-1				C	
SHEET 1 OF 9		DIST.							

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F04J2 K1-2 DMUX03 H
E04M1 K1-2 DMUX02 H
E04J2 K1-2 DMUX01 H
E04L1 K1-2 DMUX00 H



DEVICE TRUTH TABLES:

STBN	SI	S0	FN
H	-	-	L
L	L	L	FAN
L	L	H	FBN
L	H	L	FCN
L	H	H	FDN

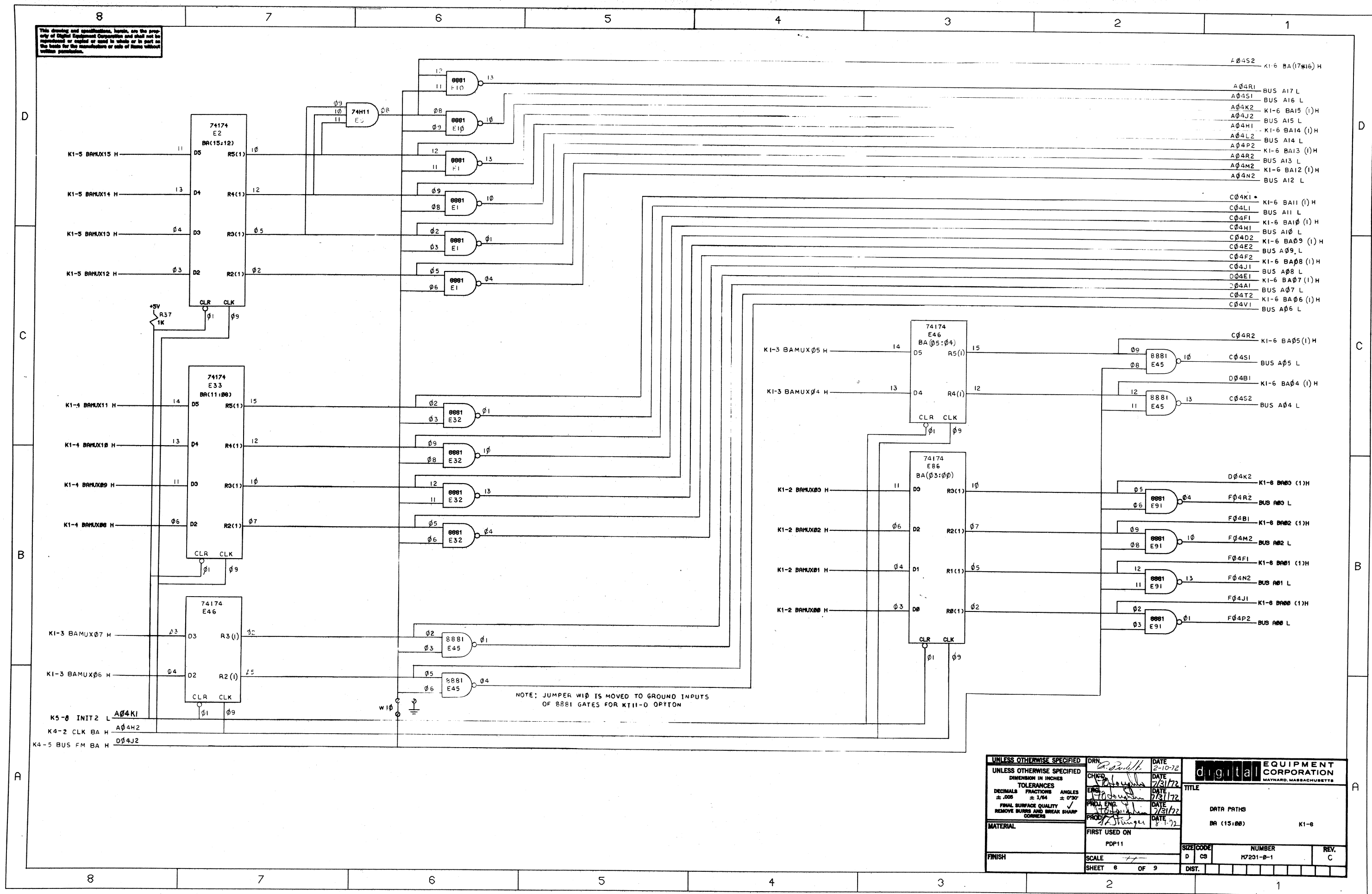
WHERE N = 0,1

STB	S0	FN
H	-	L
L	L	AN
L	H	BN

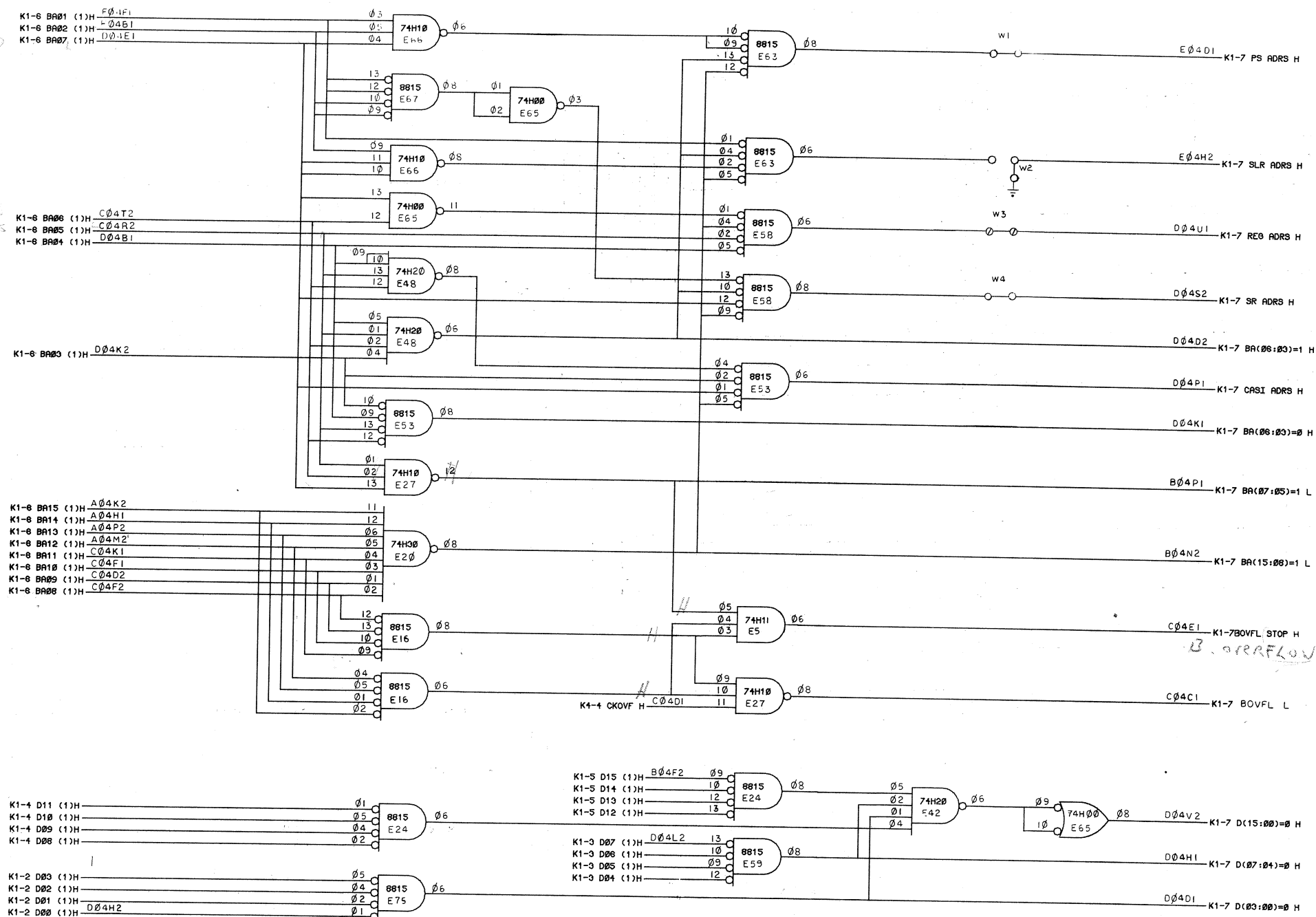
WHERE N = 0,1,2,3

74181
DETAILS OF OPERATION FOR THE ALU ARE PRESENTED IN CONTEXT WITH KDII-A OPERATION, SEE PRINT D-BD-KDII-A-BD

UNLESS OTHERWISE SPECIFIED		DATE		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
DIMENSION IN INCHES		7-3-72		
TOLERANCES		CHK'D	DATE	TITLE DATA PATHS DATA PATHS (83:00) K1-2
DECIMALS FRACTIONS ANGLES		7/31/72	7/31/72	
± .005 ± 1/64 ± 0°30'		ENG	DATE	
FINAL SURFACE QUALITY REMOVE BURRS AND BREAK SHARP CORNERS		PRG'D	DATE	
MATERIAL		FIRST USED ON		SIZE CODE D CS
FINISH		PDP11		
SCALE		SHEET 2 OF 9		NUMBER M7231-0-1
DIST.				REV. C



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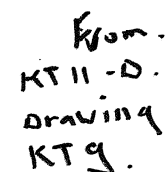


PROCESSOR ADDRESSES			
NAME & MNEMONICS		(ADDR)8	
PROCESSOR STATUS		PS	777776
STACK LIMIT REGISTER		SLA	777774
GENERAL REGISTERS			
REGISTERS USED TO IMPLEMENT MICROFLOW	R [ADDR5]	REG 17	777717
	R [SP USER]	REG 16	777716
	R [TEMPC]	REG 15	777715
	R [VECT]	REG 14	777714
	R [IR]	REG 13	777713
	R [DEST]	REG 12	777712
	R [SOURCE]	REG 11	777711
	R [TEMP]	REG 10	777710
	R [PC], R7	REG 07	777707
	R [SP], R6	REG 06	777706
REGISTERS USED IN INSTRUCTIONS FOR PDP11	R5	REG 05	777705
	R4	REG 04	777704
	R3	REG 03	777703
	R2	REG 02	777702
	R1	REG 01	777701
	R0	REG 00	777700
CONSOLE SWITCH REGISTER		SR	777570

- NOTES:
1. JUMPERS W1, W3 AND W4 ARE REMOVED FOR K11-D OPTION.
 2. JUMPER W2 IS MOVED TO CONNECT E63 PIN 06 TO E04H2 FOR K11-A OPTION ALONE. JUMPER IS COMPLETELY REMOVED FOR K11-D OPTION.

UNLESS OTHERWISE SPECIFIED	DRN	DATE	1-26-72
UNLESS OTHERWISE SPECIFIED	CHK'D	DATE	7/31/72
UNLESS OTHERWISE SPECIFIED	ENG	DATE	7/31/72
UNLESS OTHERWISE SPECIFIED	PROJ. ENG.	DATE	7/31/72
UNLESS OTHERWISE SPECIFIED	PRODY	DATE	7/31/72
UNLESS OTHERWISE SPECIFIED	FIRST USED ON	DATE	7/31/72
UNLESS OTHERWISE SPECIFIED	SCALE	7 OF 9	
UNLESS OTHERWISE SPECIFIED	SHEET	7 OF 9	
UNLESS OTHERWISE SPECIFIED	SIZE CODE	NUMBER	M7231-0-1
UNLESS OTHERWISE SPECIFIED	DIST.	REV	C
UNLESS OTHERWISE SPECIFIED	TITLE	DATA PATH	
UNLESS OTHERWISE SPECIFIED	ADDRS DECODE	K1-7	

NOTE: JUMPER5 W5, W6 AND
W9 ARE REMOVED FOR
JAIL-D OPTION



UNLESS OTHERWISE SPECIFIED		DRN	1-21-72		digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS		TITLE		
UNLESS OTHERWISE SPECIFIED		CHK'D	DATE						
DIMENSION IN INCHES		DATE	7/31/72		DATA PATHS				
TOLERANCES		DATE	7/31/72						
DIGITALS ± .003	FRACTIONS ± 1/64	ANGLES ± 0°30'							
FINISH SURFACE QUALITY									
REMOVE BURRS AND BREAK SHARP CORNERS		PROJ. ENG. ☒	DATE		REC015:00J(15:00)				
		7/31/72							
MATERIAL		PROD.	DATE		K1-G				
		8/1/72							
FIRST USED ON		PPD11		SIZE CODE		NUMBER		REV.	
FINISH		SCALE		D		CS		M7201-0-1	
		SHEET 8 OF 9		DIST.					

