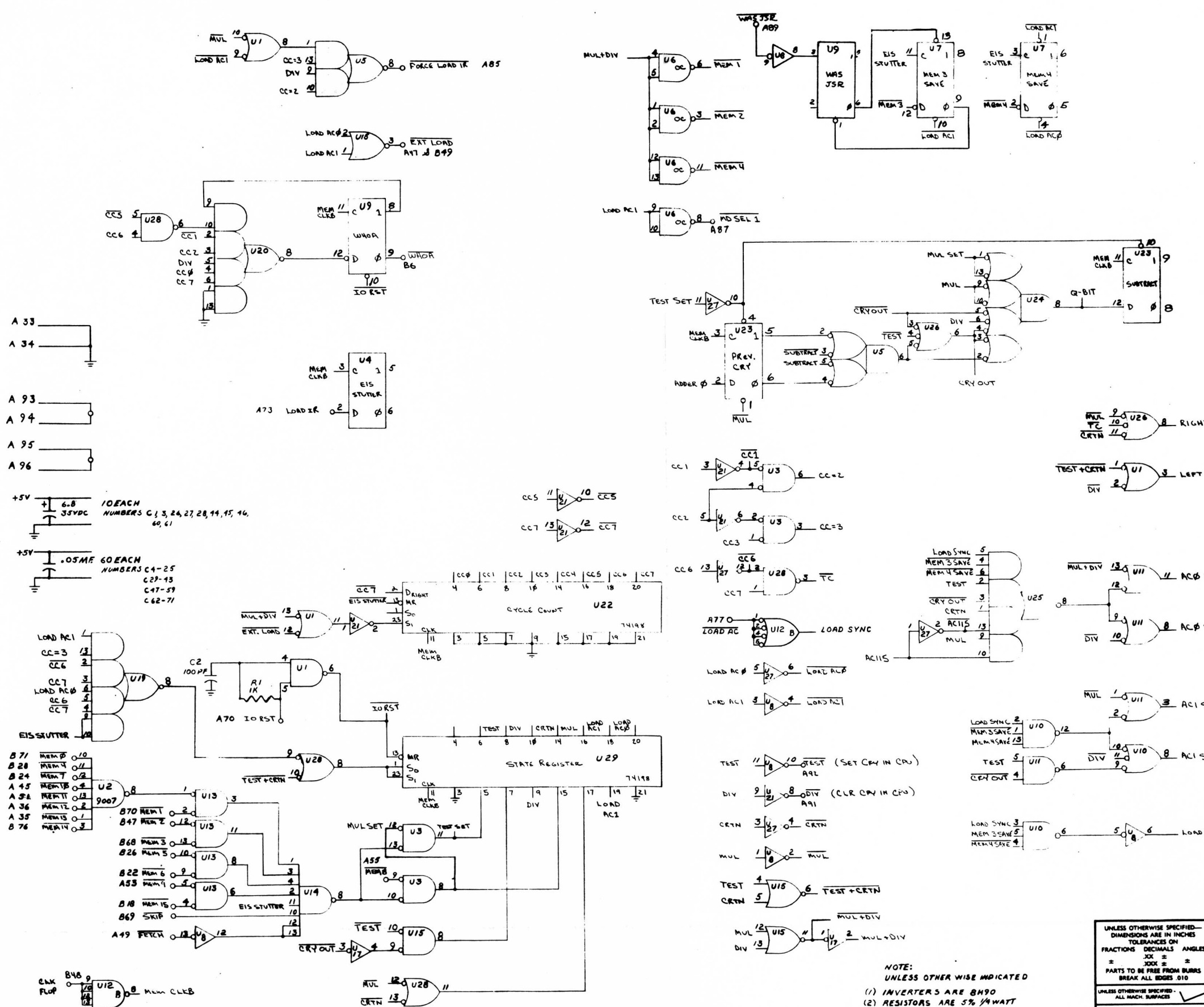


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REVISIONS				
REV.	DESCRIPTION	DRFTG.	APP. BY	DATE
01	ECO 393	RNK		7-77
02	ECO 585	WJG		11/77
03	REV PER ECO 713	JES		1/78



**DIVIDE NOTES:**

**TEST:** AC0-AC2  
 IF NO CARRY OUT OF ADDRESS, SHIFT RIGHT  
 LEFT  
 IF CARRY OUT OF ADDRESS, TERMINATE DIVIDE.

**DIV:** ALWAYS ADD DURING FIRST CYCLE  
 AFTER TEST.  
 IF LAST QUOTIENT BIT = 0, THEN:  
 AC0+AC2 → AC0  
 AC0+AC1 SHIFTED LEFT, Q-BIT → AC15  
 IF LAST QUOTIENT BIT = 1, THEN:  
 AC0-AC2 → AC0  
 AC0+AC1 SHIFTED LEFT, Q-BIT → AC15  
 QUOTIENT BIT = CRY OUT @ SUBTRACT  
 @ PREV CRY  
 DURING LAST CYCLE (TC), DON'T  
 SHIFT AC0.

**CRTN:** IF FINAL QUOTIENT BIT = 1, THEN:  
 DO NOTHING, YOU'RE FINISHED  
 IF FINAL QUOTIENT BIT = 0, THEN:  
 AC0+AC2 → AC0  
 DON'T SHIFT AC0 OR AC1

NOTE:  
 UNLESS OTHERWISE INDICATED  
 (1) INVERTERS ARE 8H90  
 (2) RESISTORS ARE 5% 1/4 WATT

QTY.	DESCRIPTION	PART NO.
	DRAWN	
	CHECKED	
	ENGINEER	
	APPROVED	
	FIRST USED ON	107-000100
	MATERIAL	
	FINISH	
	SCALE	

<b>DATA GENERAL CORPORATION</b> SOUTHBORO, MASSACHUSETTS 01772			
TITLE			
<b>MUL/DIV</b> <b>NOVA 1200</b>			
SIZE	CODE	DRAWING NUMBER	REV.
D	001	000131	03

D

C

B

A

D

C

B

A

8

7

6

5

4

3

2

1

8

7

6

5

4

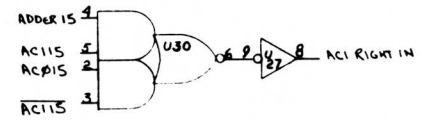
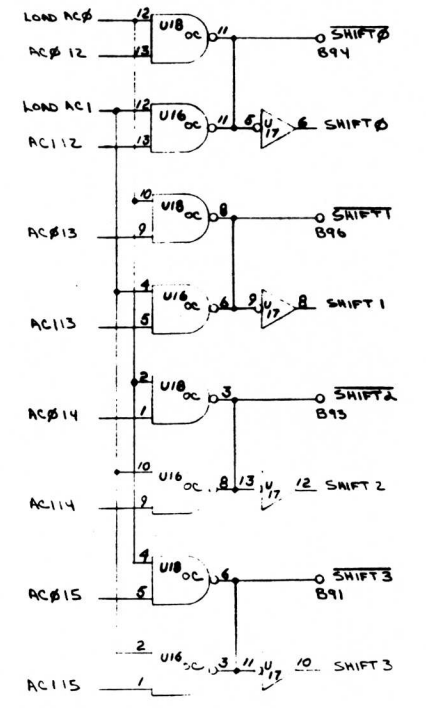
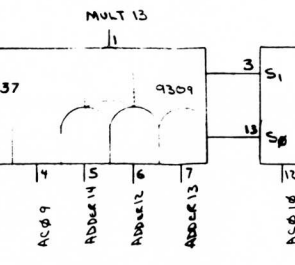
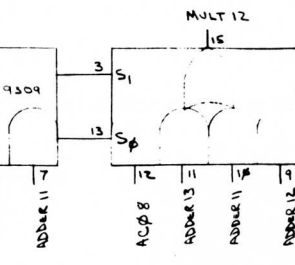
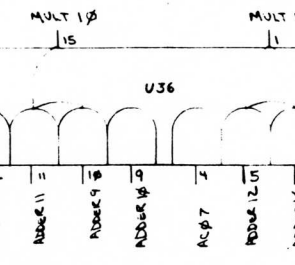
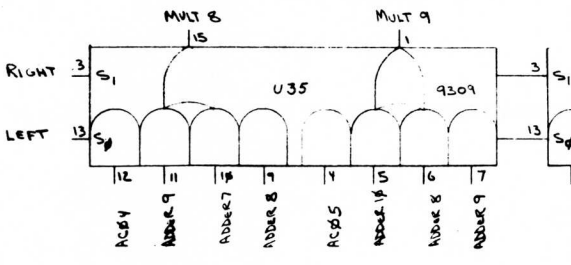
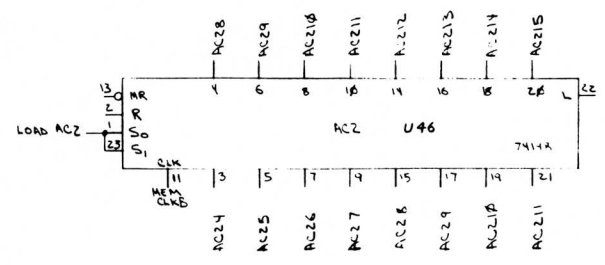
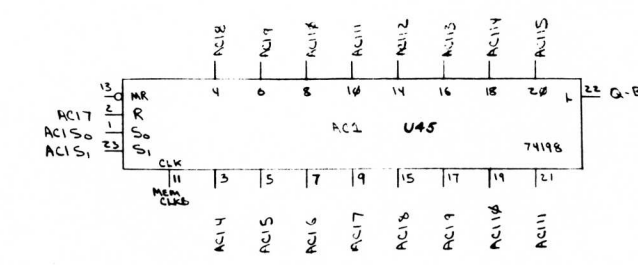
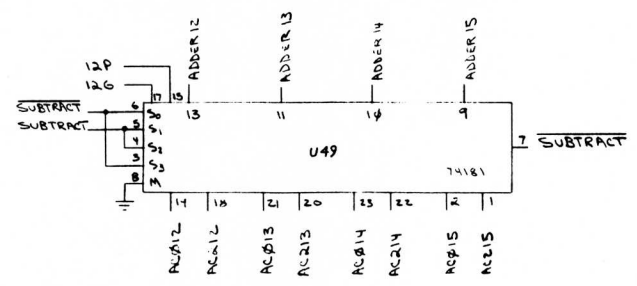
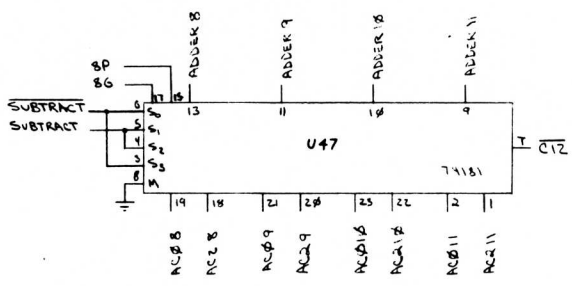
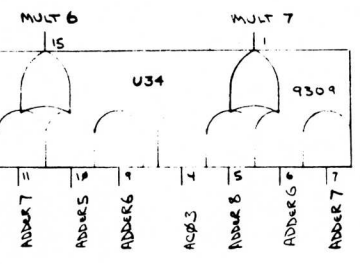
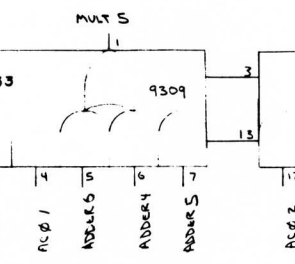
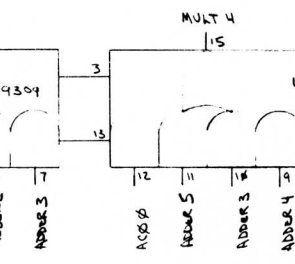
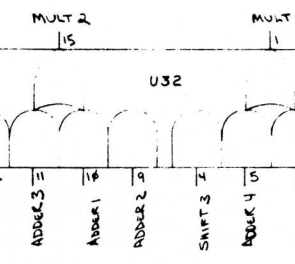
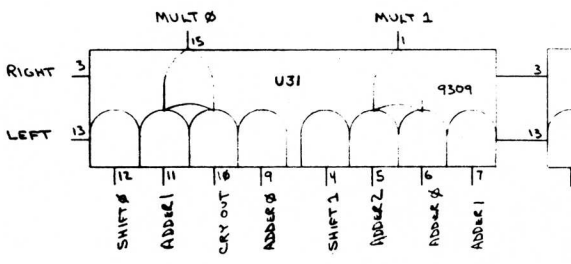
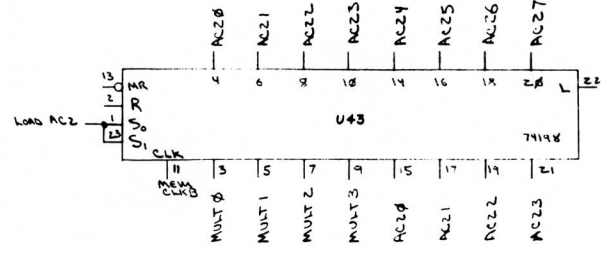
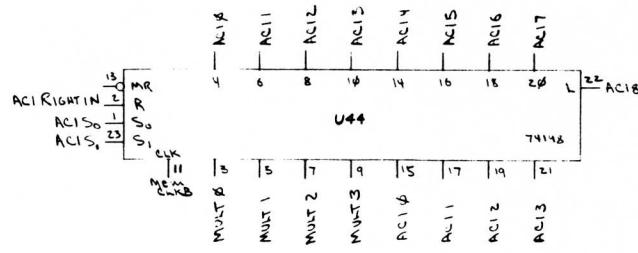
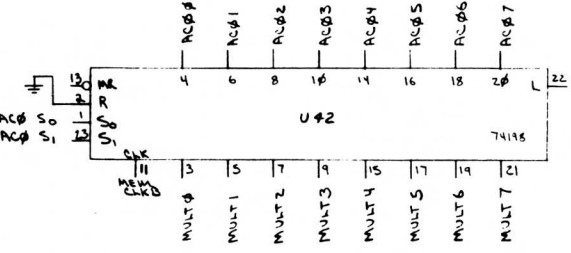
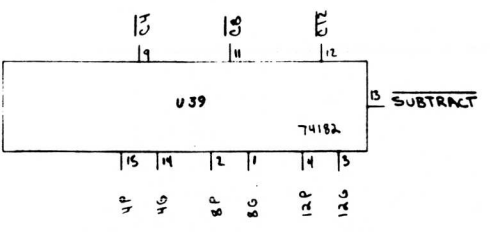
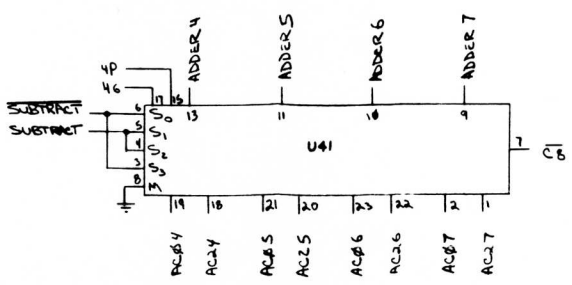
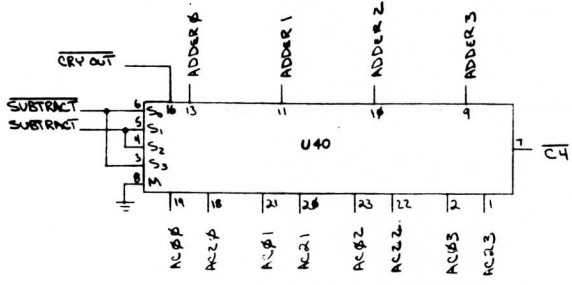
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REVISIONS				
REV.	DESCRIPTION	DRAFT.	APP. BY	DATE
03	PER SHEET 1	RMB		4/15/71



QTY.	DESCRIPTION	PART NO.
	<b>DATA GENERAL CORPORATION</b> SOUTHBORO, MASSACHUSETTS 01772	
	TITLE <b>MUL/DIV</b>	
	FIRST USED ON 107-000 100	
	SCALE	
SIZE D	CODE 001	DRAWING NUMBER 000131
		REV. 03