

RHOMBUS

PROJECT=RHOMBUS  
ENGINEER=DOUG HUARD

PHONE: 627-2946

DATE: 3/11/96

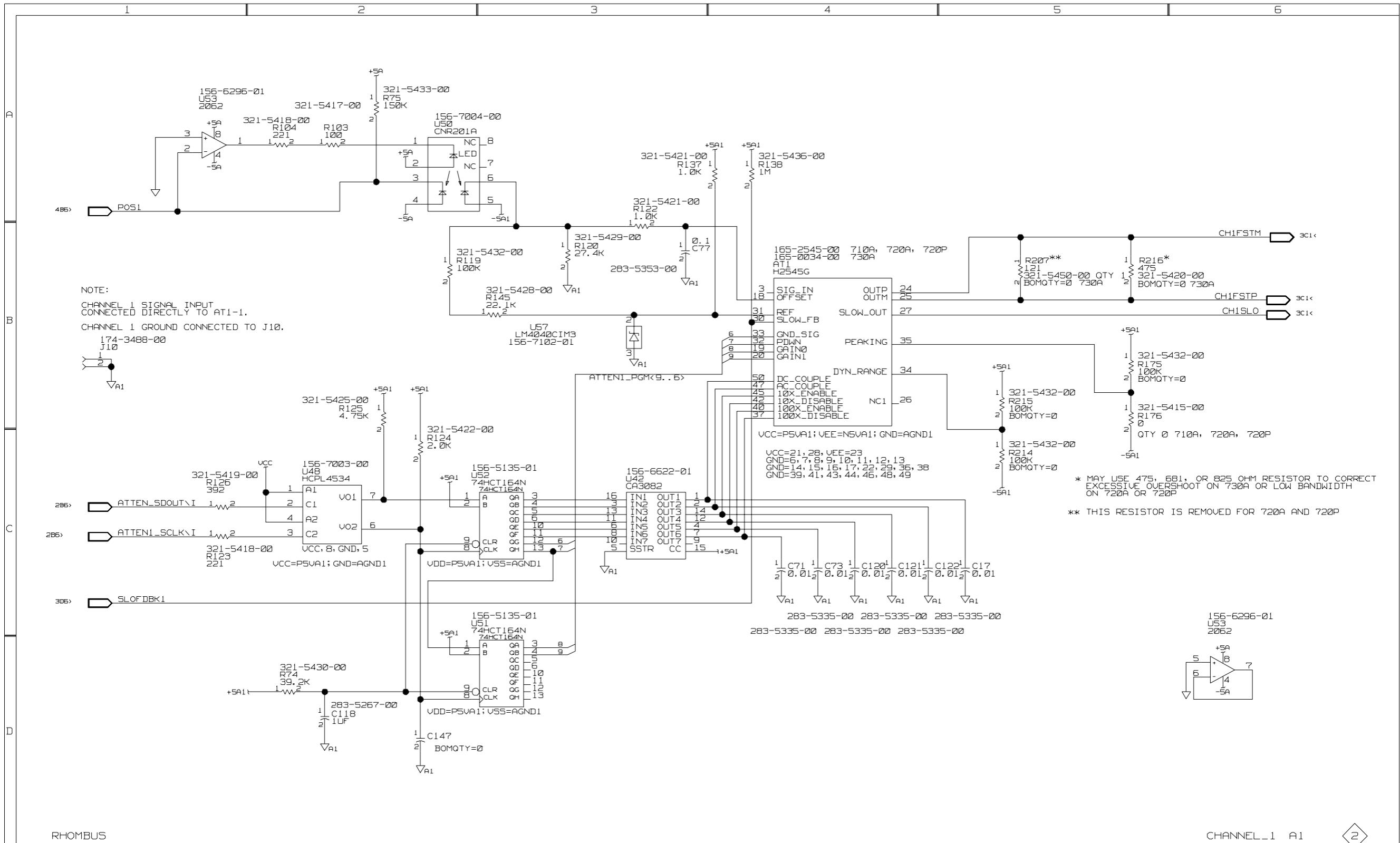
SHEET: 7 OF: 17 SHEET\_NAME: FISO

FISO A1

7

TITLE=ACQUISITION  
 ABBREV=ACQUISITION  
 LAST\_MODIFIED=Tue Dec 3 13:07:23 1996

ASSEMBLY\_NUMBER:

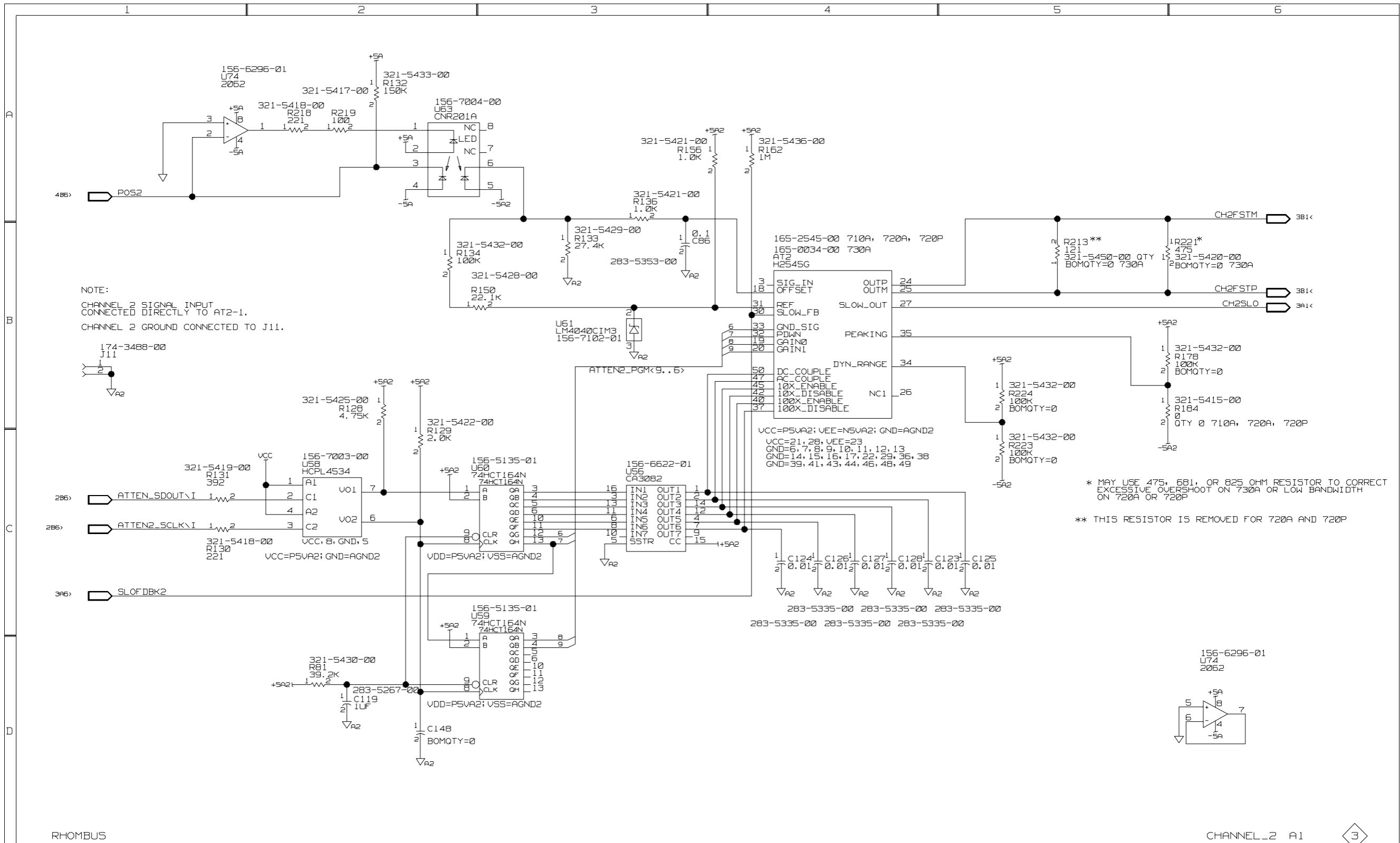


NOTE:  
 CHANNEL 1 SIGNAL INPUT  
 CONNECTED DIRECTLY TO AT1-1.  
 CHANNEL 1 GROUND CONNECTED TO J10.

\* MAY USE 475, 681, OR 825 OHM RESISTOR TO CORRECT  
 EXCESSIVE OVERSHOOT ON 730A OR LOW BANDWIDTH  
 ON 720A OR 720P  
 \*\* THIS RESISTOR IS REMOVED FOR 720A AND 720P

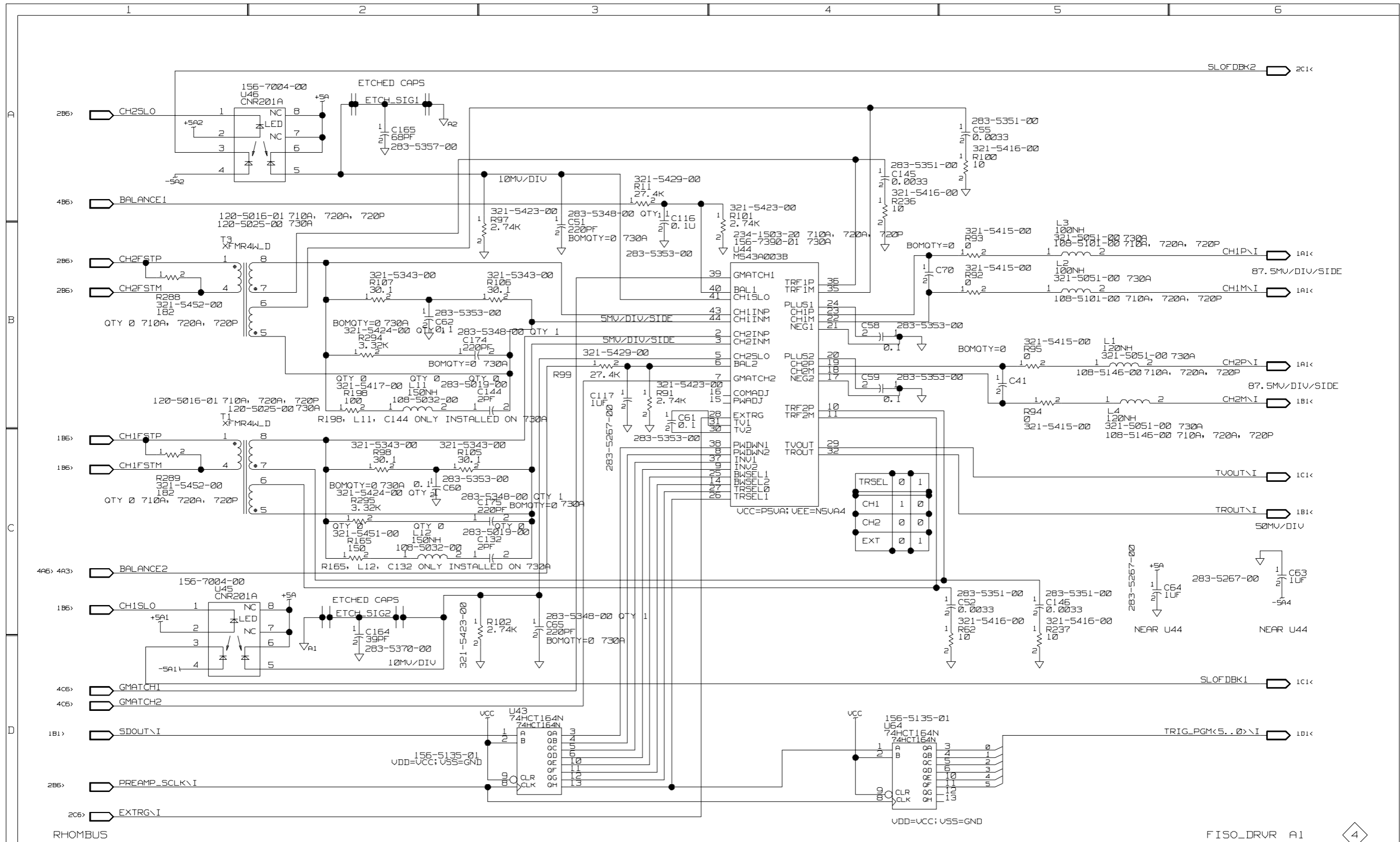
RHOMBUS

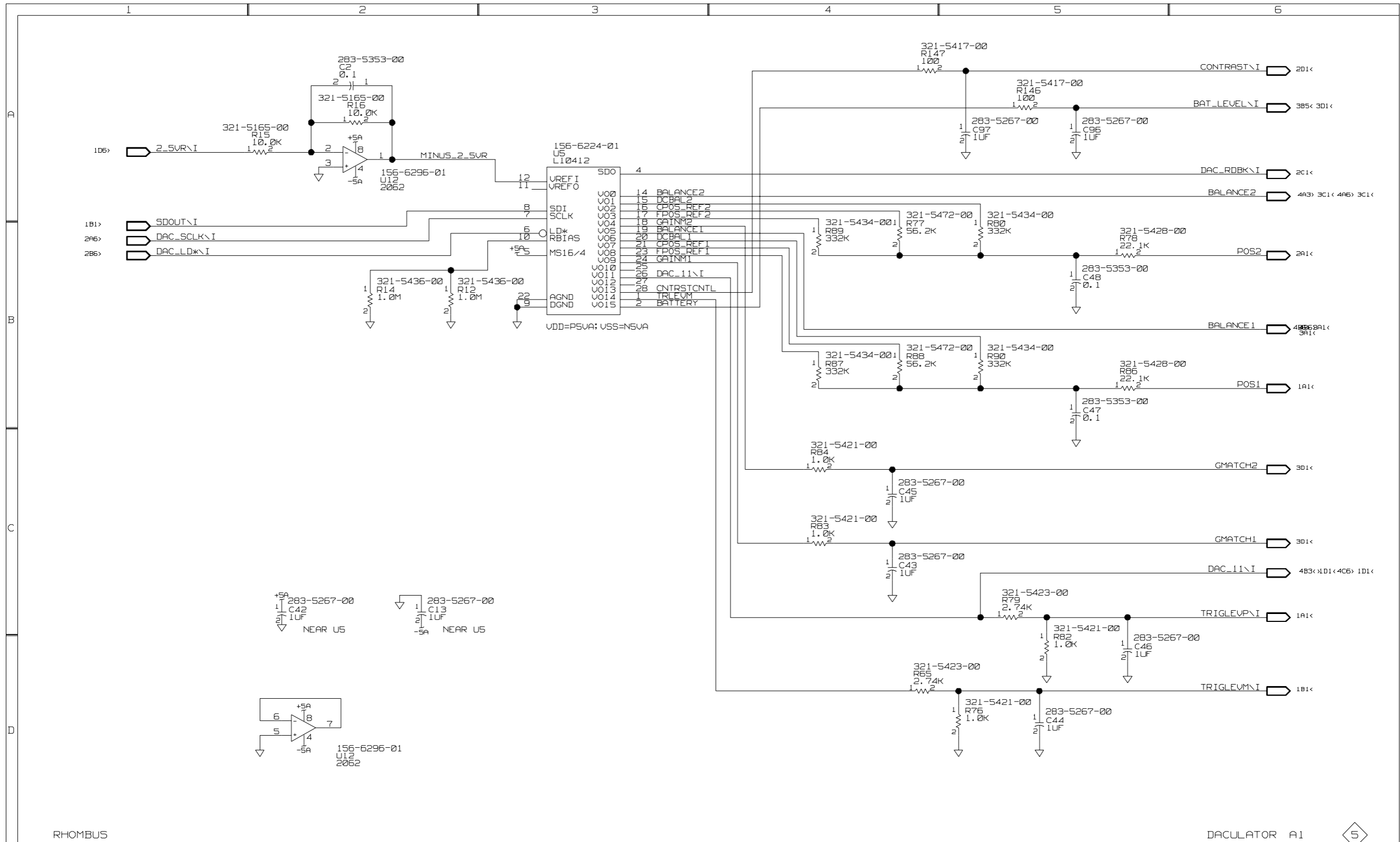
CHANNEL\_1 A1



RHOMBUS

CHANNEL\_2 A1





RHOMBUS

DACULATOR A1

5

PROJECT=RHOMBUS  
ENGINEER=DOUG HUARD

PHONE: 627-2946

DATE: 3/11/96

SHEET: 5

OF: 17

SHEET\_NAME: DACULATOR

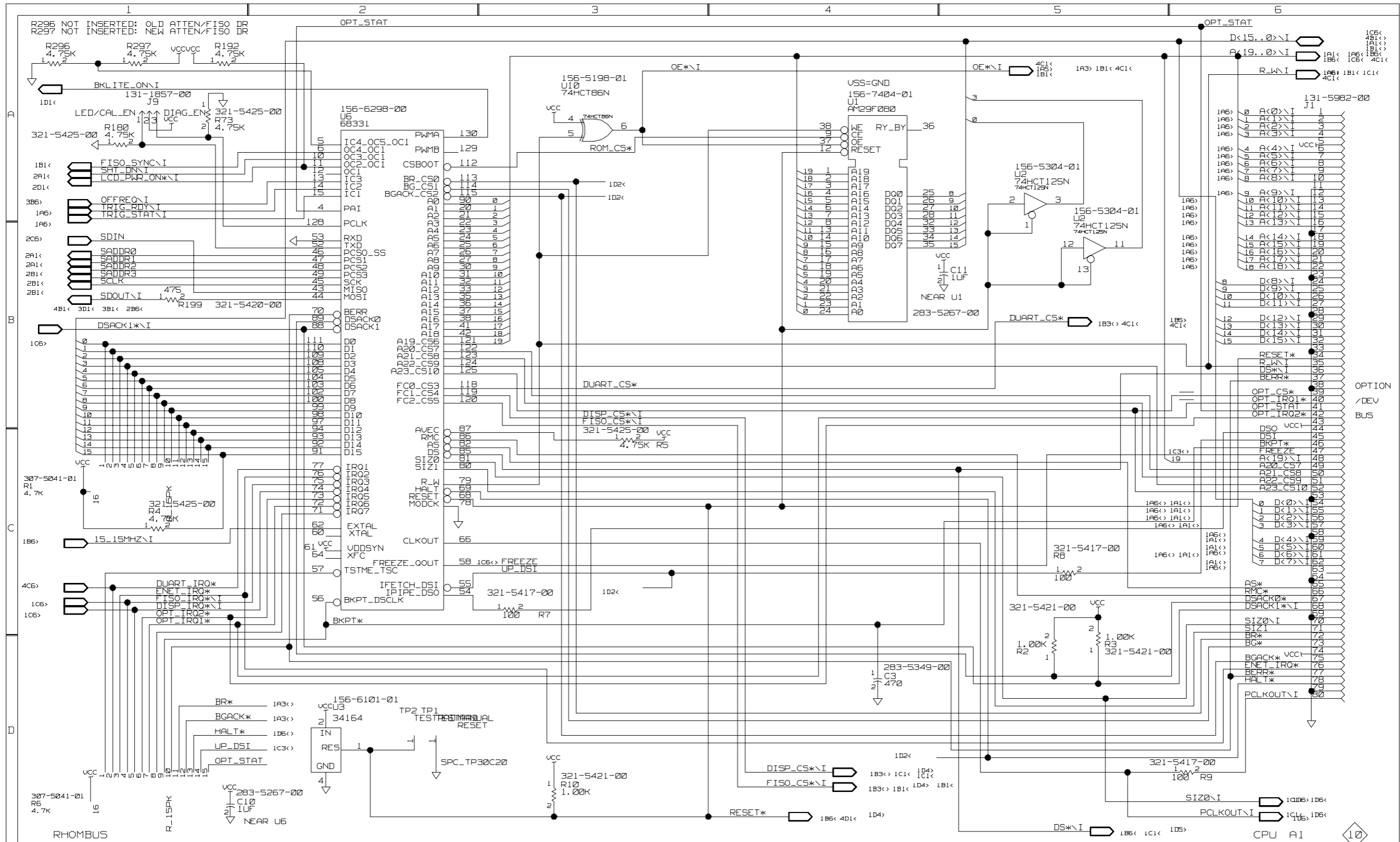
ASSEMBLY\_NUMBER:

DRAWING

TITLE=ATTEN

ABBREV=ATTEN

LAST\_MODIFIED=Tue Dec 3 13:07:15 1996



DRAWING  
 TITLE=CPU  
 ABBREV=CPU  
 LAST\_MODIFIED=Tue Dec 3 13:08:36 1996

PROJECT=RHOMBUS  
 ENGINEER=DOUG HUARD

PHONE: 627-2946

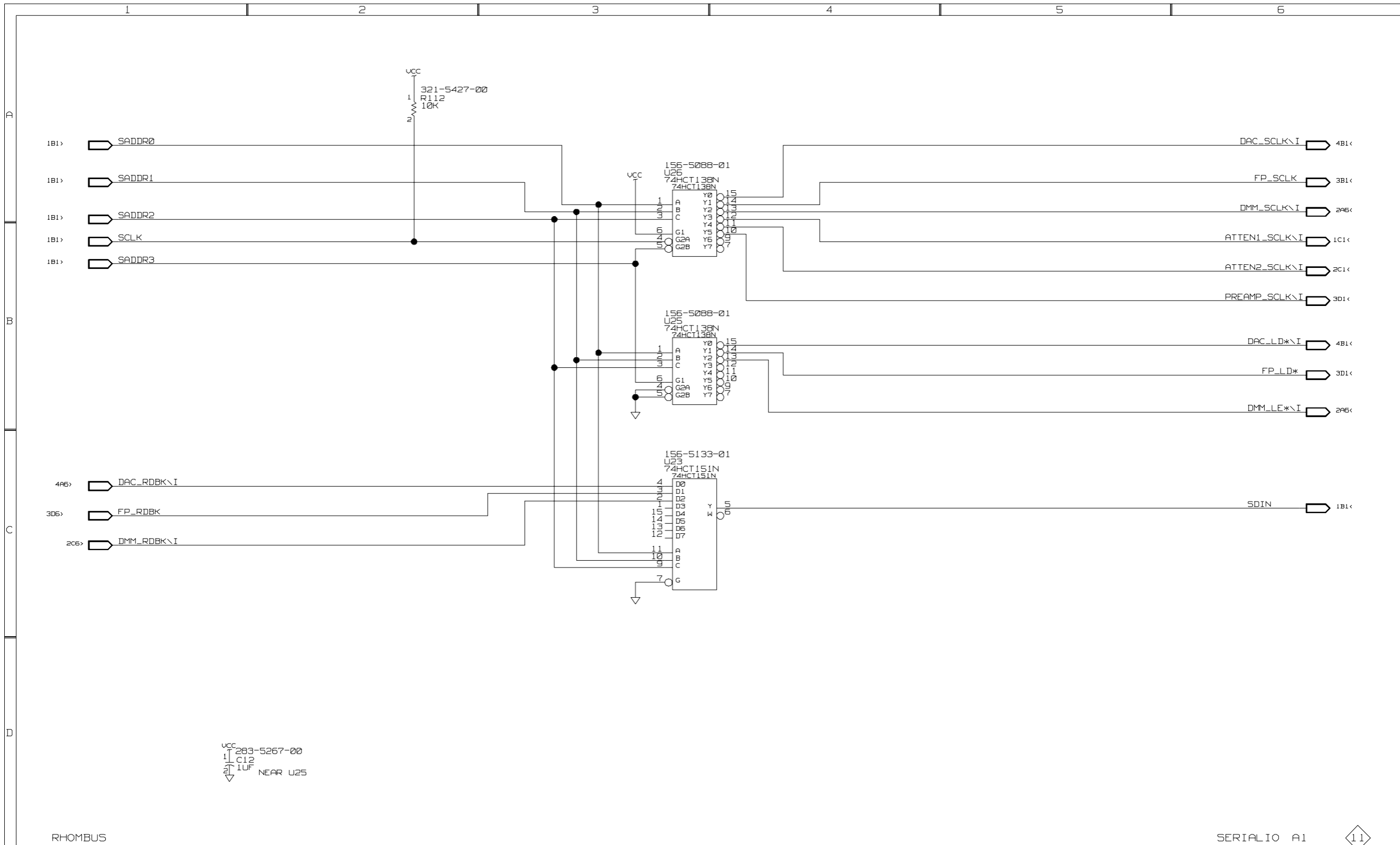
DATE: 3/11/96

SHEET: 10 OF:17

SHEET\_NAME: CPU

ASSEMBLY\_NUMBER:





RHOMBUS

PROJECT=RHOMBUS  
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PHONE: 627-2946

DATE: 3/11/96

SHEET: 11 OF: 17 SHEET\_NAME: SERIALIO

SERIALIO A1

11

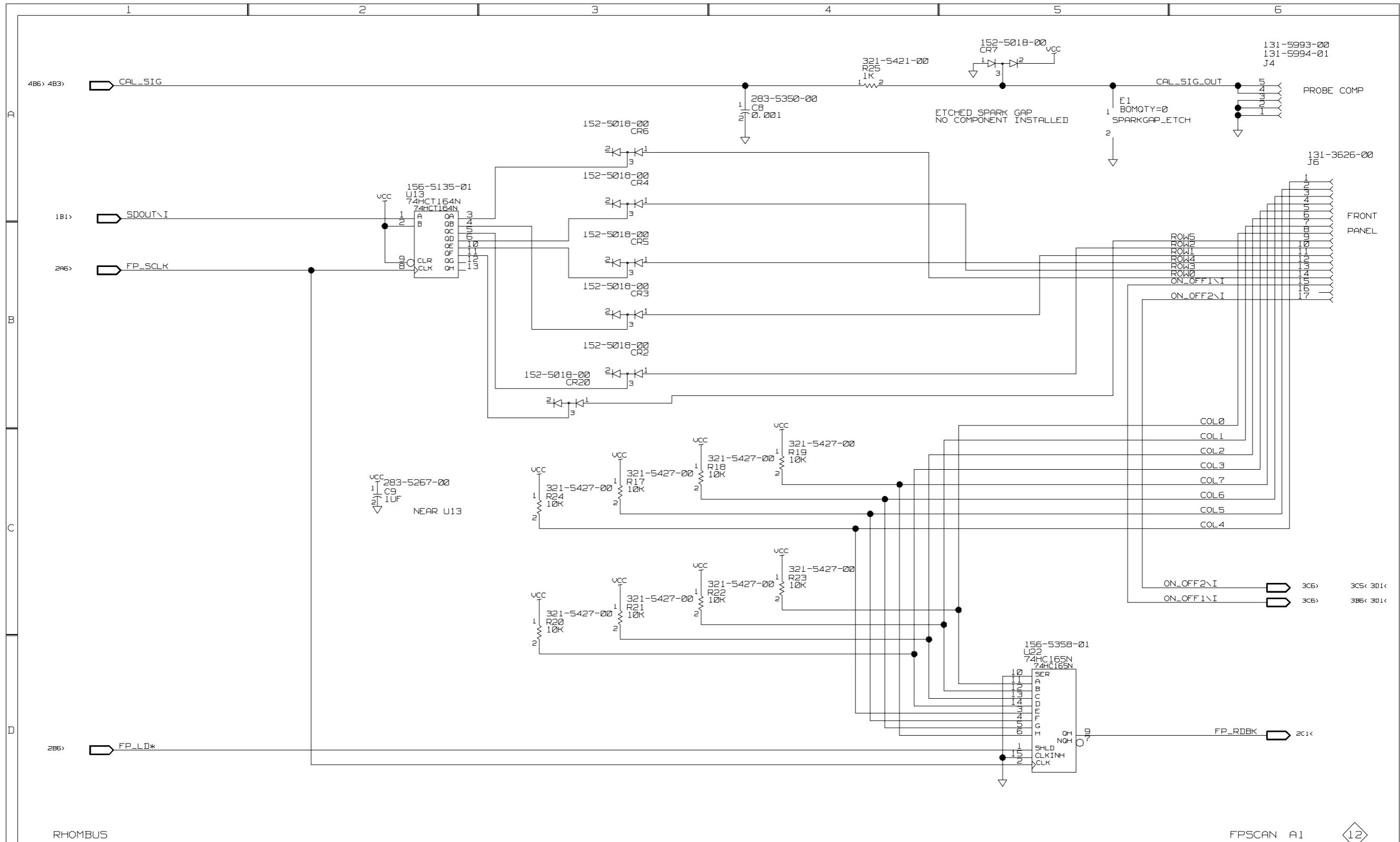
ASSEMBLY\_NUMBER:

DRAWING

TITLE=CPU

ABBREV=CPU

LAST\_MODIFIED=Tue Dec 3 13:08:41 1996



RHOMBUS

FPSCAN A1

12

PROJECT=RHOMBUS  
ENGINEER=DOUG HUARD

PHONE: 627-2946

DATE: 3/11/96

SHEET: 12 OF: 17 SHEET\_NAME: FPSCAN

ASSEMBLY\_NUMBER:

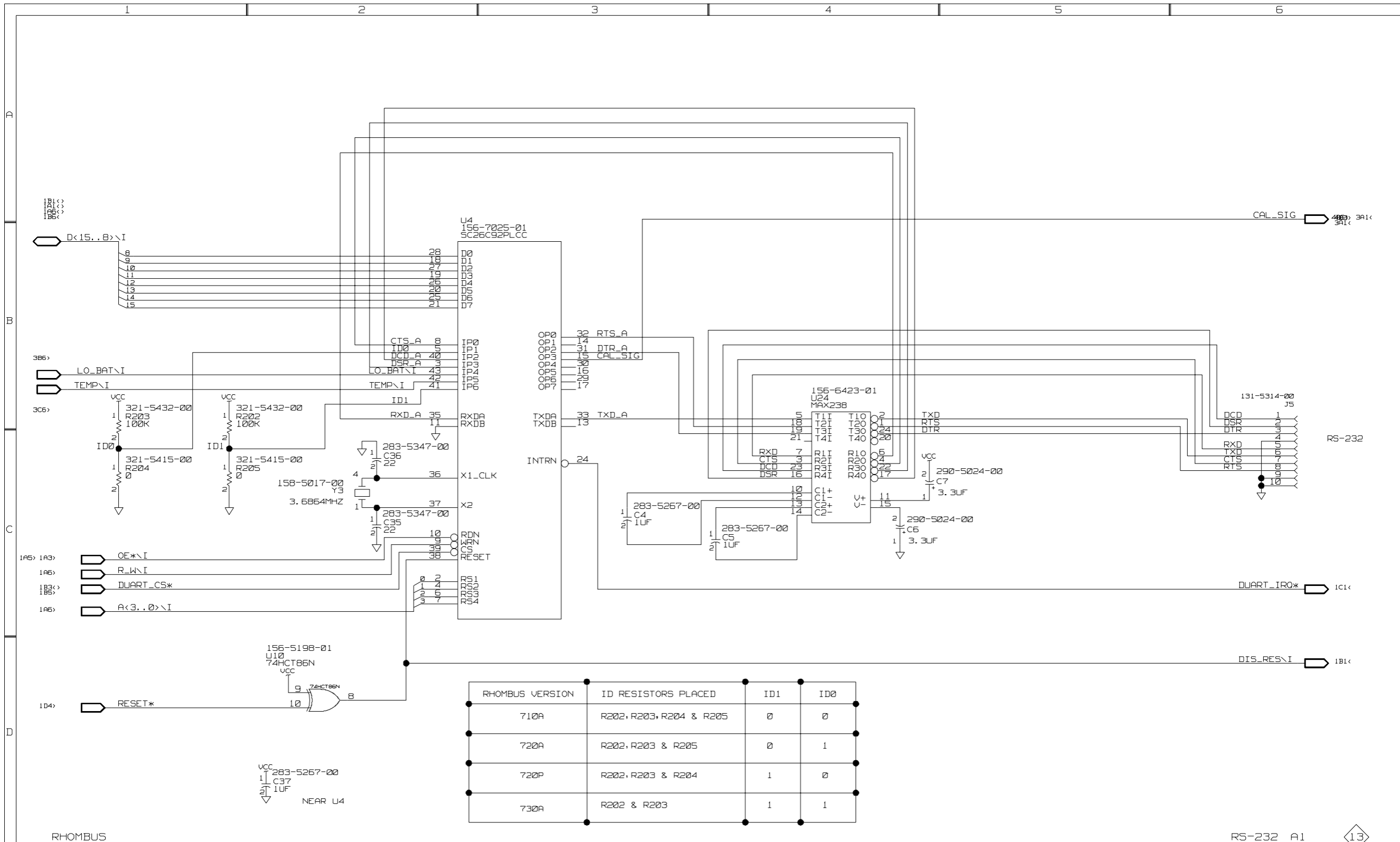
DRAWING

TITLE=CPU

ABBREV=CPU

LAST\_MODIFIED= Tue Dec 3 13:08:46 1996





RHOMBUS

RS-232 A1

13

PROJECT=RHOMBUS  
ENGINEER=DOUG HUARD

PHONE: 627-2946

DATE: 3/11/96

SHEET: 13 OF: 17

SHEET\_NAME: RS-232

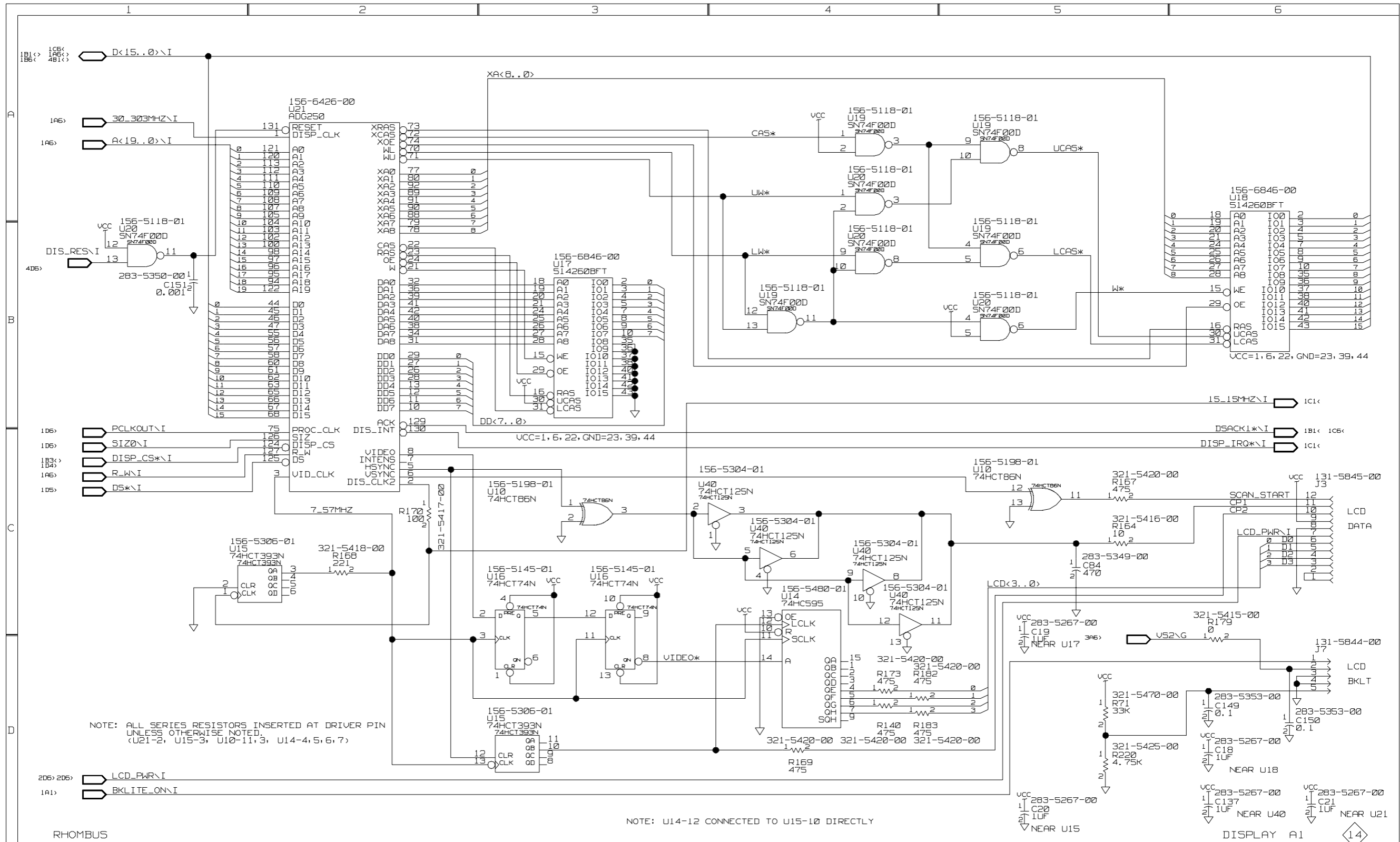
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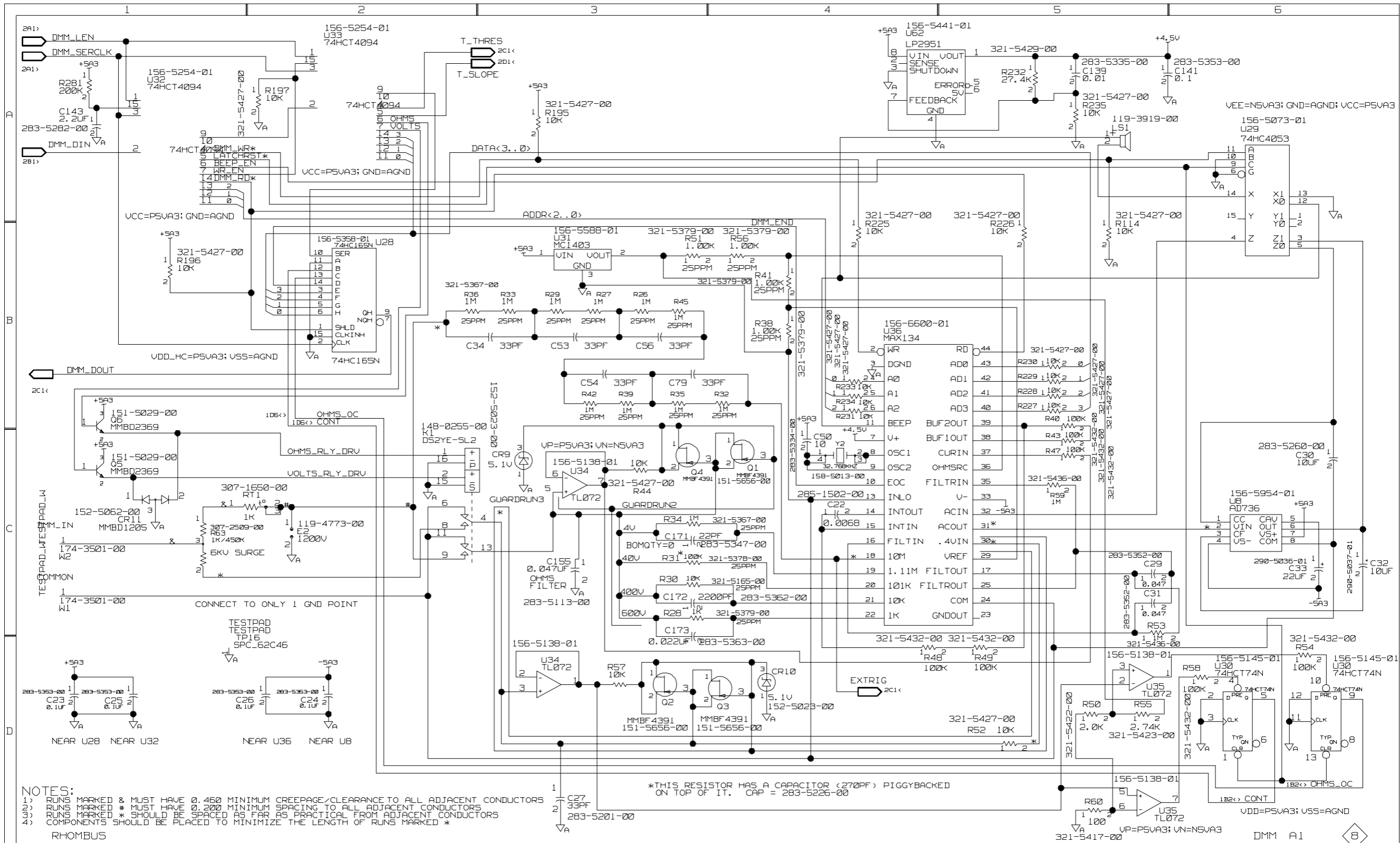
DRAWING

TITLE=CPU

ABBREV=CPU

LAST\_MODIFIED=Tue Dec 3 13:08:50 1996





- NOTES:
- 1) RUNS MARKED & MUST HAVE 0.460 MINIMUM CREEPAGE/CLEARANCE TO ALL ADJACENT CONDUCTORS
  - 2) RUNS MARKED # MUST HAVE 0.200 MINIMUM SPACING TO ALL ADJACENT CONDUCTORS
  - 3) RUNS MARKED \* SHOULD BE SPACED AS FAR AS PRACTICAL FROM ADJACENT CONDUCTORS
  - 4) COMPONENTS SHOULD BE PLACED TO MINIMIZE THE LENGTH OF RUNS MARKED \*

RHOMBUS

PROJECT=RHOMBUS  
ENGINEER=DOUG HUARD/BOB SIMPSON

PHONE: 627-2946

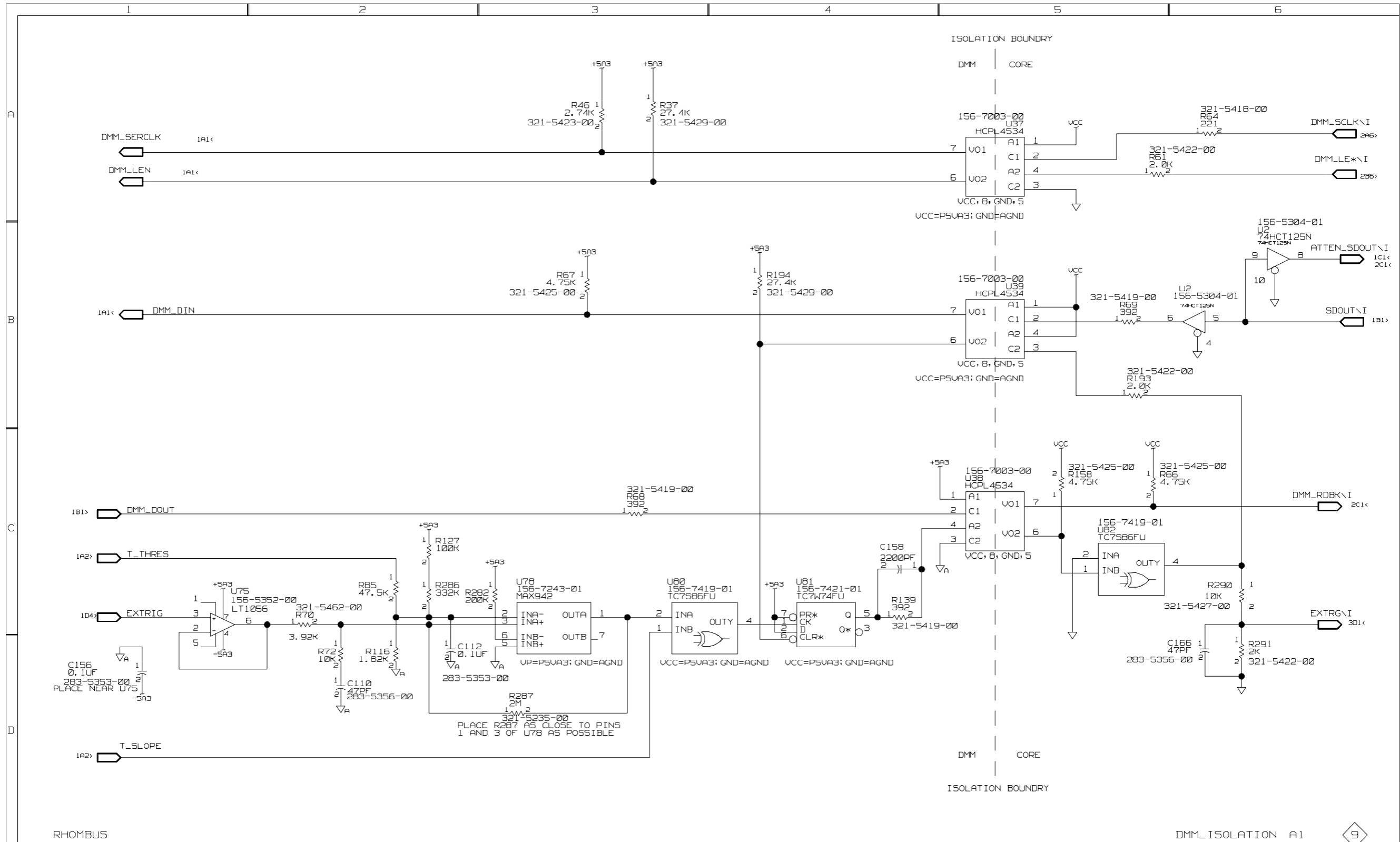
DATE: 3/11/96

SHEET: 8 OF: 17 SHEET\_NAME: DMM

ASSEMBLY\_NUMBER:

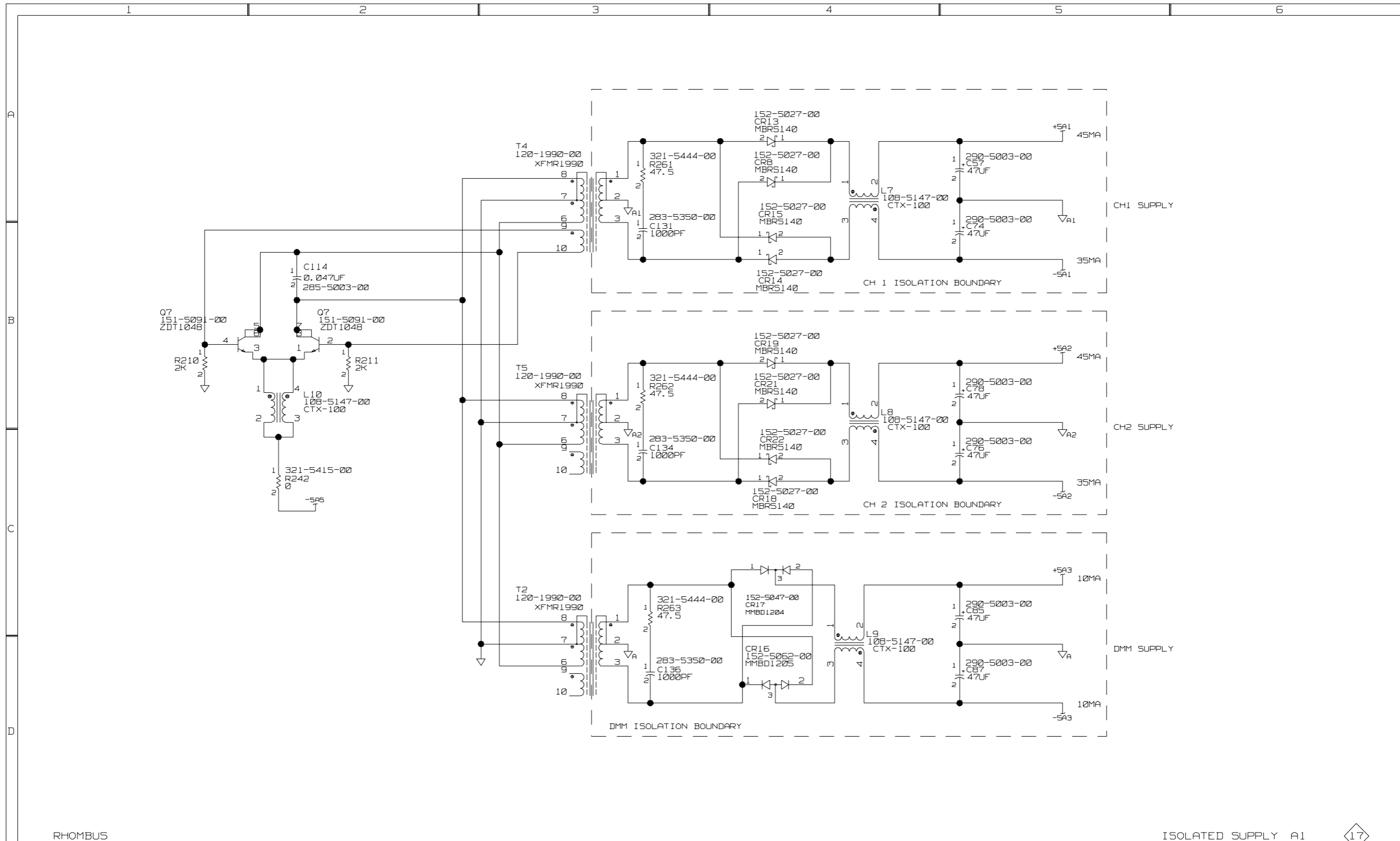
DRAWING

TITLE=DMM  
ABBREV=DMM  
LAST\_MODIFIED=Tue Dec 3 13:07:38 1996



RHOMBUS

DMM\_ISOLATION A1



RHOMBUS

ISOLATED SUPPLY A1

17

PROJECT=RHOMBUS  
ENGINEER=DOUG HUARD/BERNARD RATE

PHONE: 627-2946

DATE: 3/11/96

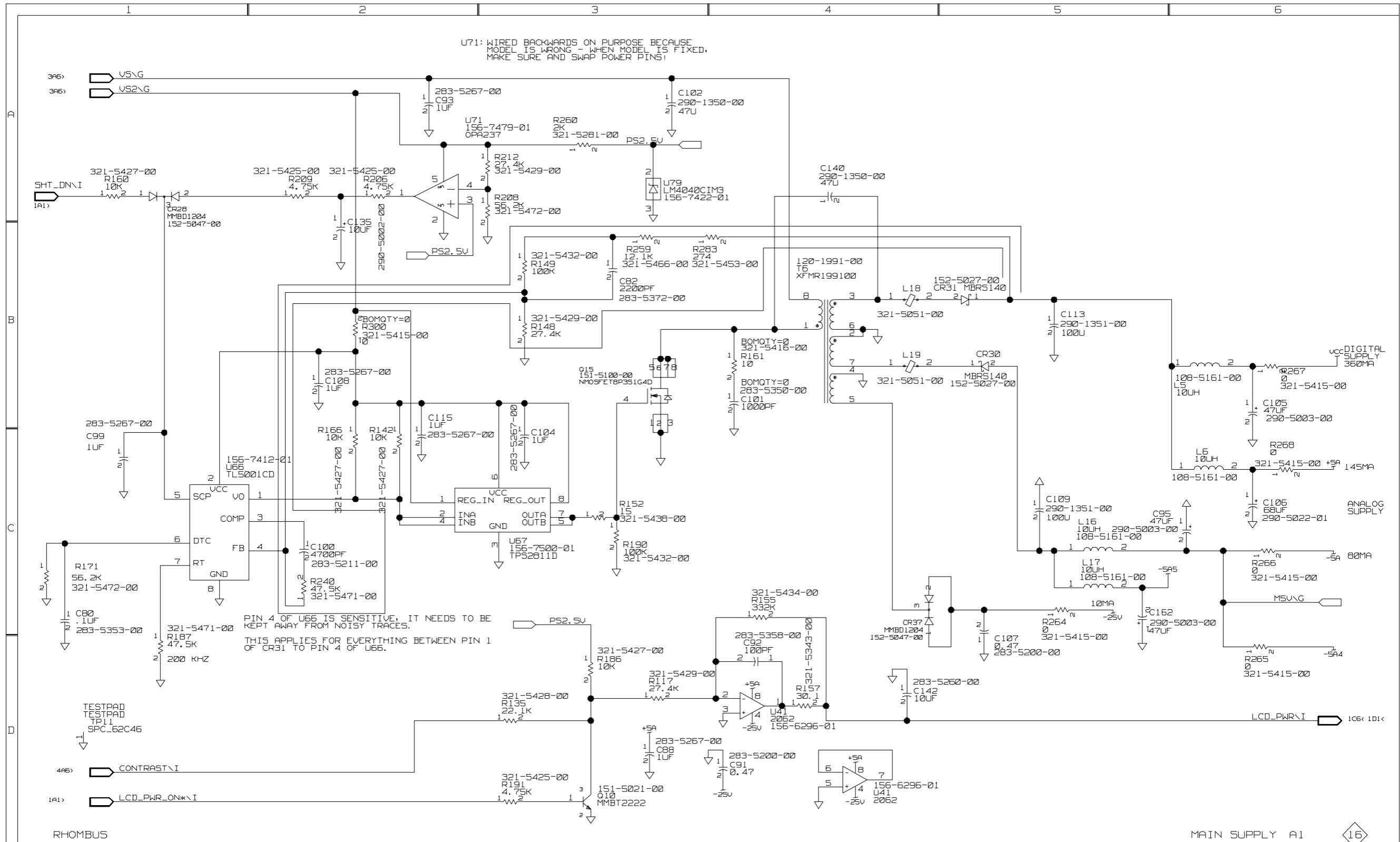
SHEET: 17 OF: 17

SHEET\_NAME: ISOLATED SUPPLY

ASSEMBLY\_NUMBER:

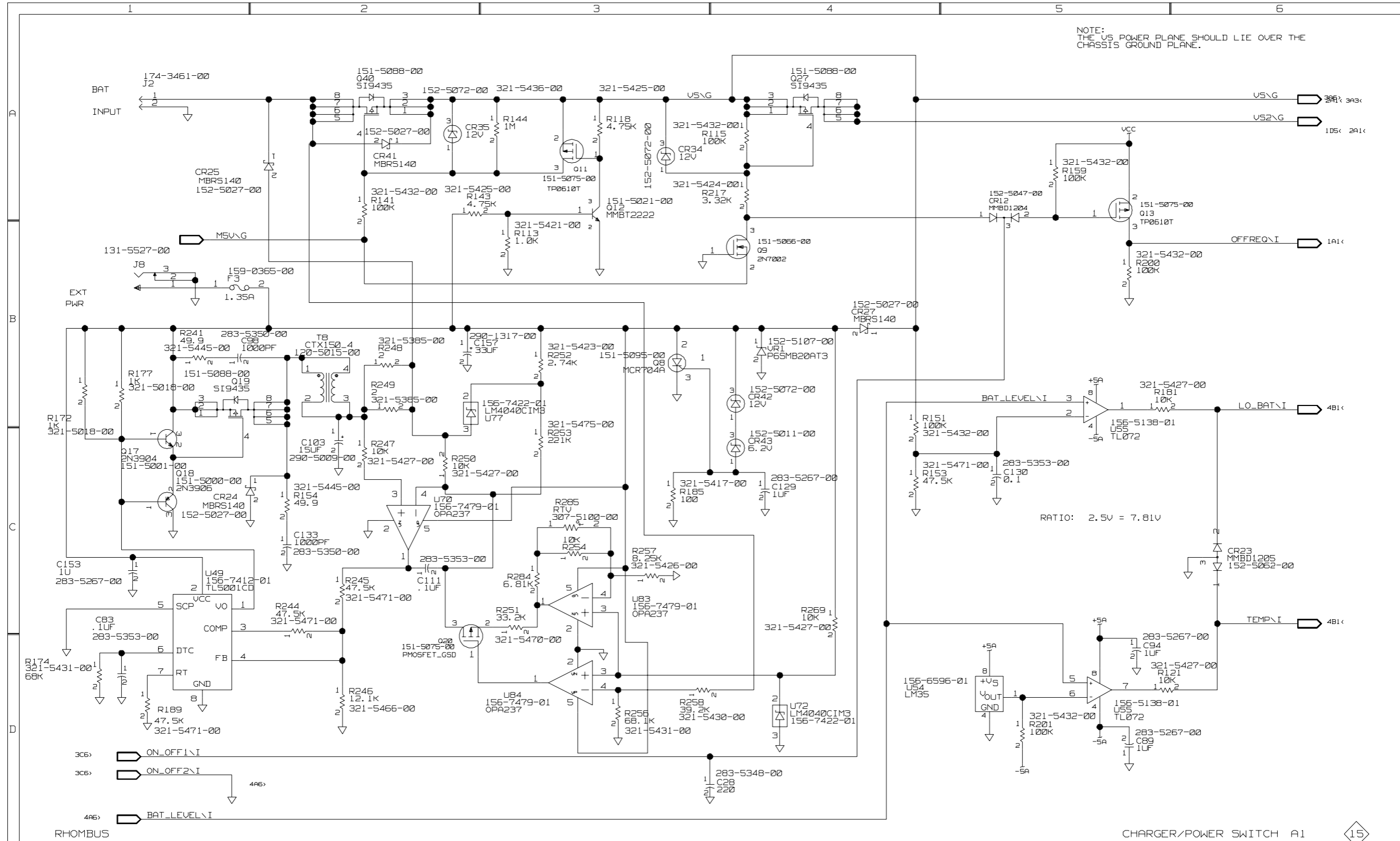
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ABBREV=PWRSU  
LAST\_MODIFIED=Tue Dec 3 13:07:52 1996



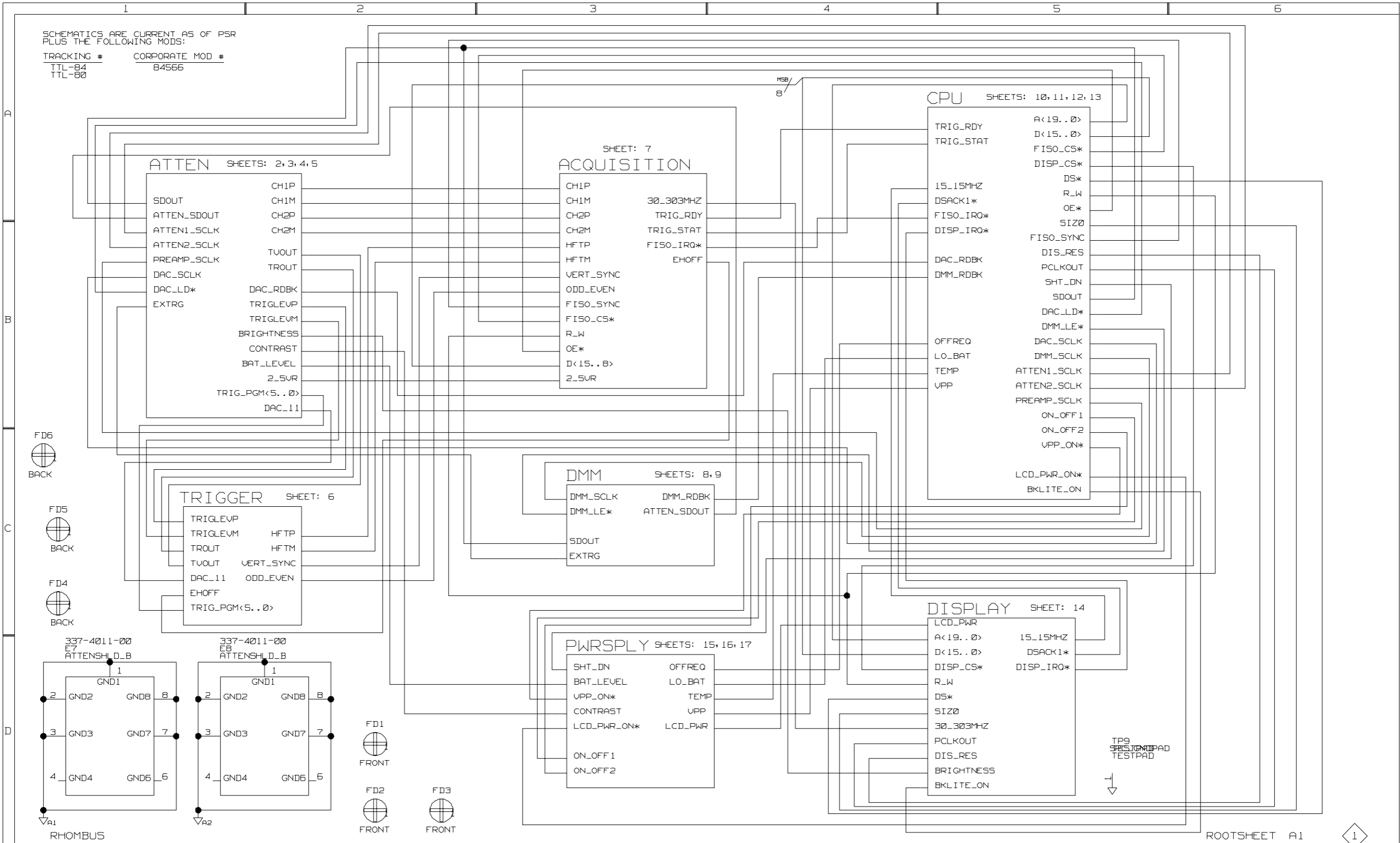
RHOMBUS

MAIN SUPPLY A1

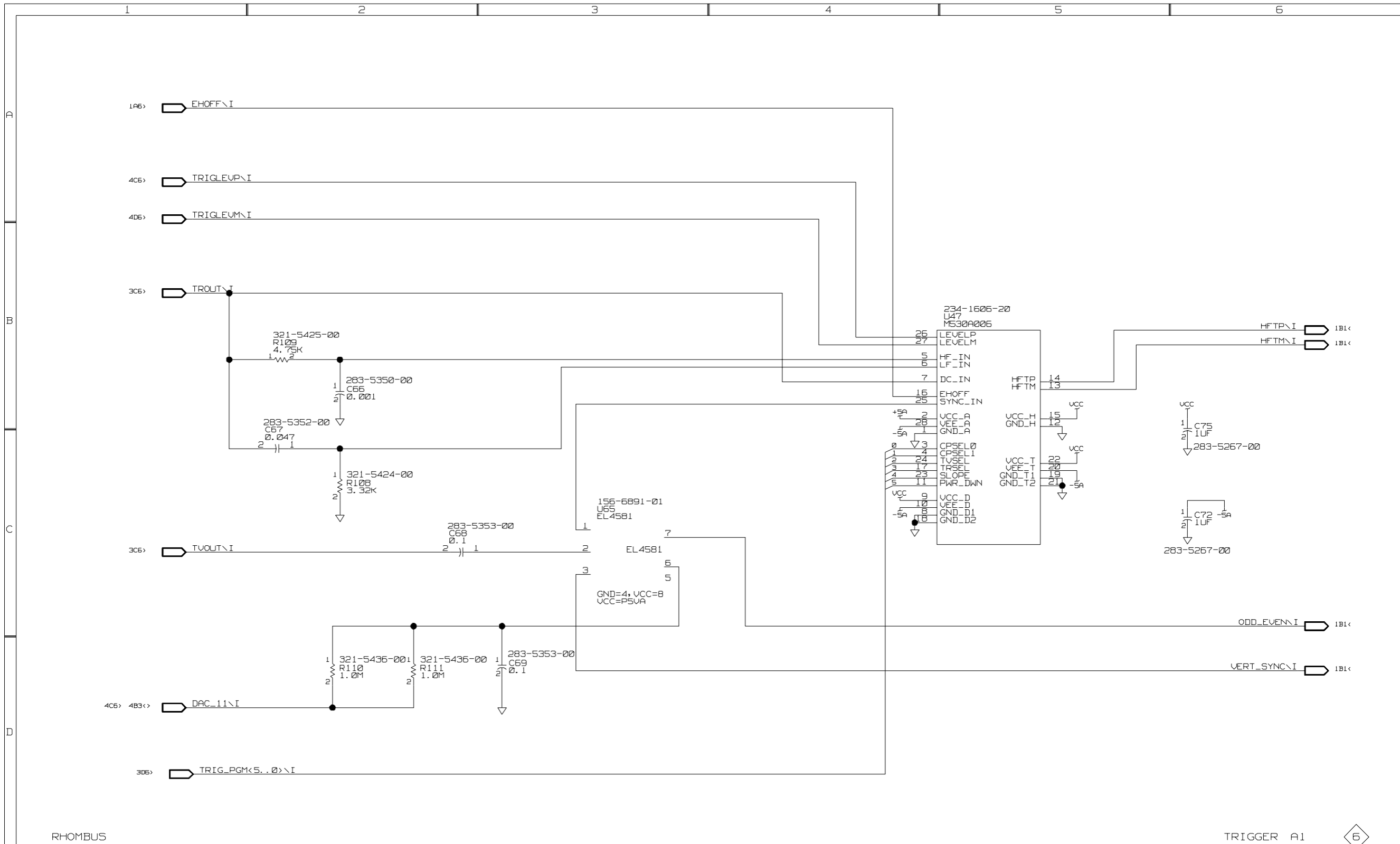


NOTE:  
THE VS POWER PLANE SHOULD LIE OVER THE  
CHASSIS GROUND PLANE.

RATIO: 2.5V = 7.81V







RHOMBUS

TRIGGER A1

6

PROJECT=RHOMBUS  
ENGINEER=DOUG HUARD

PHONE: 627-2946

DATE: 3/11/96

SHEET: 6 OF: 17 SHEET\_NAME: TRIGGER

ASSEMBLY\_NUMBER:

DRAWING

TITLE=TRIGGER

ABBREV=TRIGGER

LAST\_MODIFIED=Tue Dec 3 13:06:49 1996