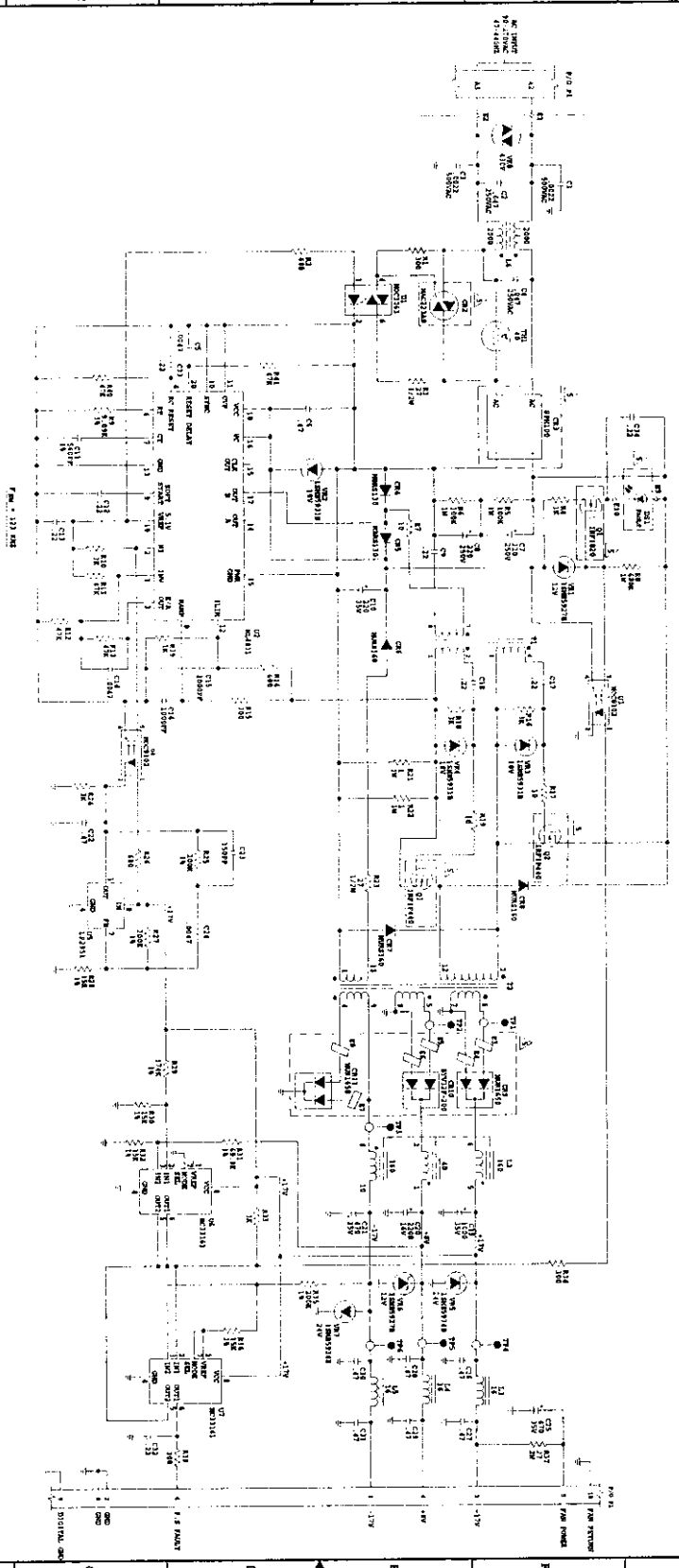


NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERFERE MARKING IN ACCORDANCE WITH ISO-270-10.
2. CAPACITANCE VALUES ARE IN MICROFARADS.
3. RESISTANCE VALUES ARE IN OHMS.
4. DIMENSIONAL VALUES ARE IN MILLIMETERS.
5. PARTS INSTALLED AT POINTS 1-100.



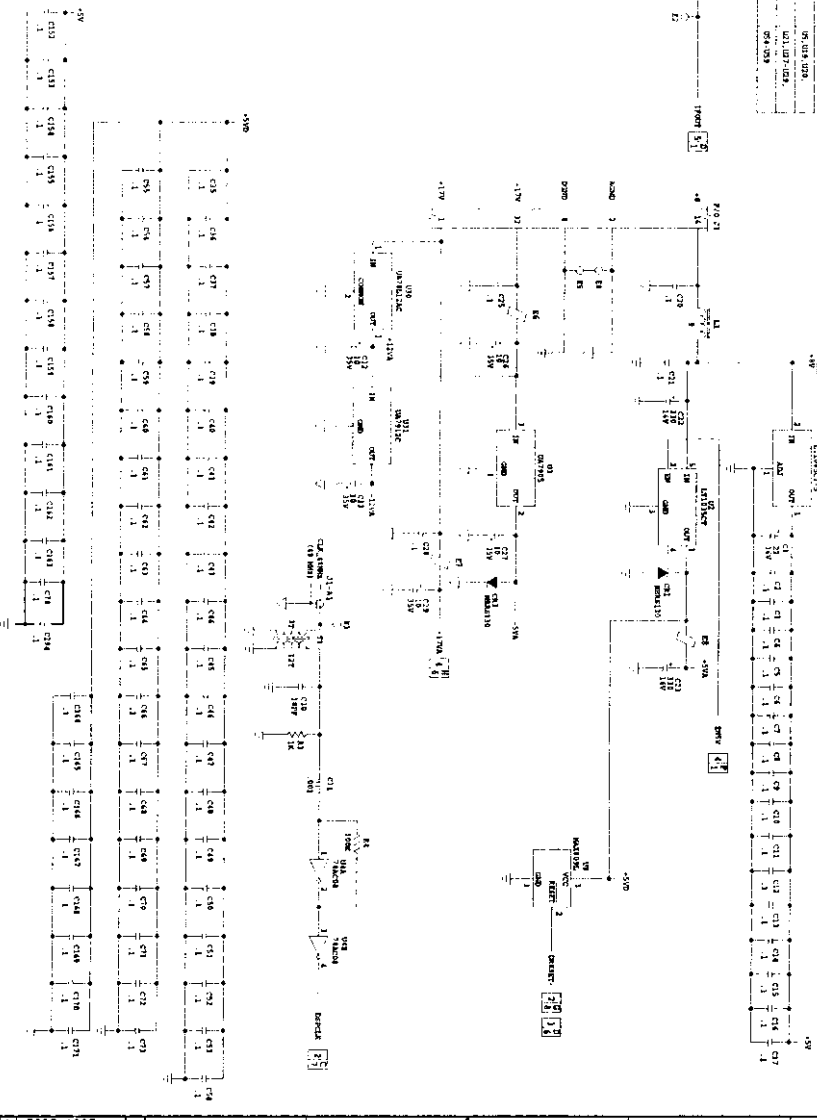
- [illegible]

1. NAME OF THE PARTY 2. ADDRESS 3. CITY 4. STATE 5. ZIP 6. COUNTRY 7. PHONE 8. FAX 9. TELETYPE 10. E-MAIL 11. WEBSITE 12. OTHER		13. NAME OF THE PARTY 14. ADDRESS 15. CITY 16. STATE 17. ZIP 18. COUNTRY 19. PHONE 20. FAX 21. TELETYPE 22. E-MAIL 23. WEBSITE 24. OTHER	
25. NAME OF THE PARTY 26. ADDRESS 27. CITY 28. STATE 29. ZIP 30. COUNTRY 31. PHONE 32. FAX 33. TELETYPE 34. E-MAIL 35. WEBSITE 36. OTHER		37. NAME OF THE PARTY 38. ADDRESS 39. CITY 40. STATE 41. ZIP 42. COUNTRY 43. PHONE 44. FAX 45. TELETYPE 46. E-MAIL 47. WEBSITE 48. OTHER	
49. NAME OF THE PARTY 50. ADDRESS 51. CITY 52. STATE 53. ZIP 54. COUNTRY 55. PHONE 56. FAX 57. TELETYPE 58. E-MAIL 59. WEBSITE 60. OTHER		61. NAME OF THE PARTY 62. ADDRESS 63. CITY 64. STATE 65. ZIP 66. COUNTRY 67. PHONE 68. FAX 69. TELETYPE 70. E-MAIL 71. WEBSITE 72. OTHER	
73. NAME OF THE PARTY 74. ADDRESS 75. CITY 76. STATE 77. ZIP 78. COUNTRY 79. PHONE 80. FAX 81. TELETYPE 82. E-MAIL 83. WEBSITE 84. OTHER		85. NAME OF THE PARTY 86. ADDRESS 87. CITY 88. STATE 89. ZIP 90. COUNTRY 91. PHONE 92. FAX 93. TELETYPE 94. E-MAIL 95. WEBSITE 96. OTHER	
97. NAME OF THE PARTY 98. ADDRESS 99. CITY 100. STATE 101. ZIP 102. COUNTRY 103. PHONE 104. FAX 105. TELETYPE 106. E-MAIL 107. WEBSITE 108. OTHER		109. NAME OF THE PARTY 110. ADDRESS 111. CITY 112. STATE 113. ZIP 114. COUNTRY 115. PHONE 116. FAX 117. TELETYPE 118. E-MAIL 119. WEBSITE 120. OTHER	

- SHEET NO. --- X A --- COLE

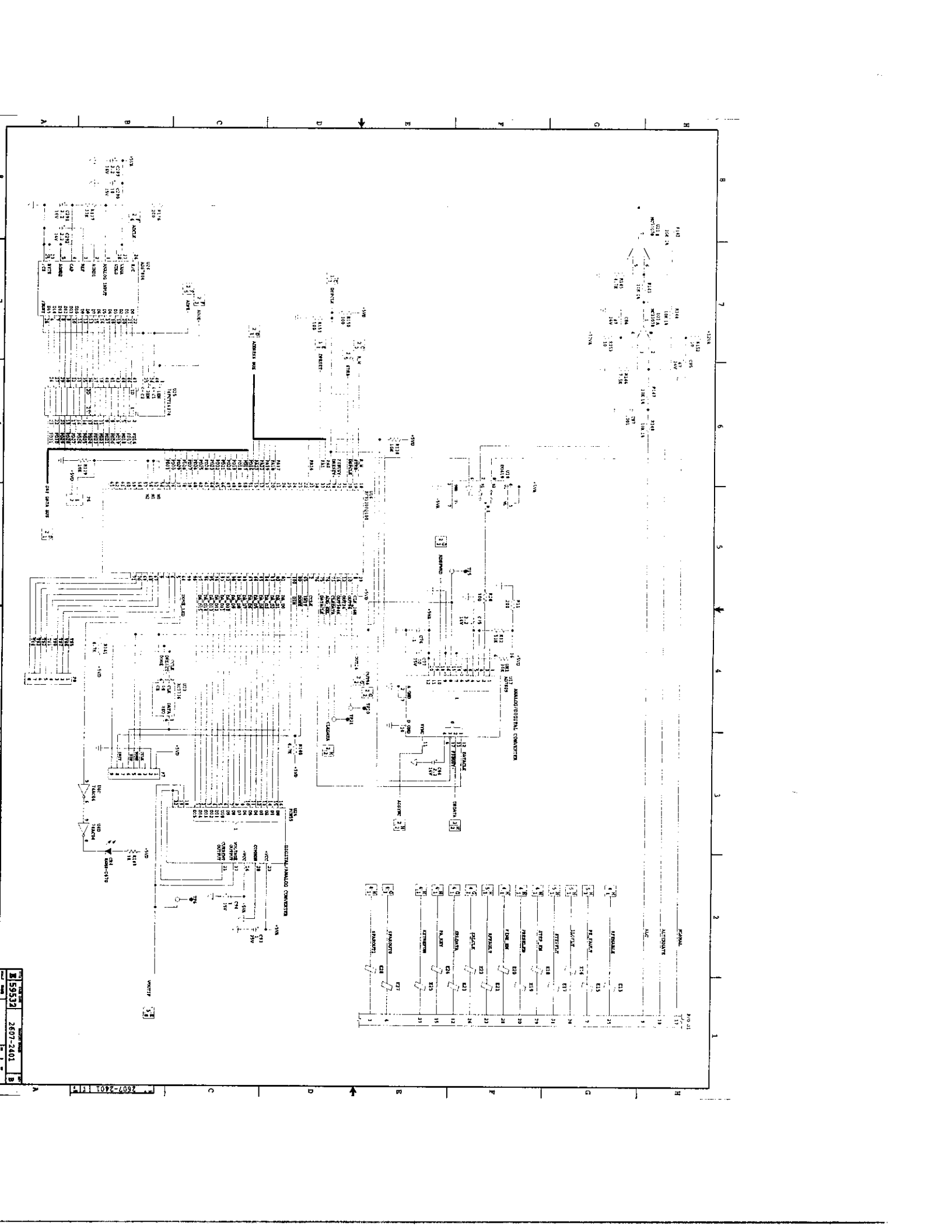
The diagram illustrates the experimental setup for studying the effect of a magnetic field on plasma properties. It shows a cross-section of a plasma column within a vacuum chamber. A central electrode is surrounded by a ring of electrodes. A magnetic field is applied, indicated by a circular arrow. A coordinate system (x, y) is shown. Various components are labeled with numbers 1 through 13, and a scale bar is provided.

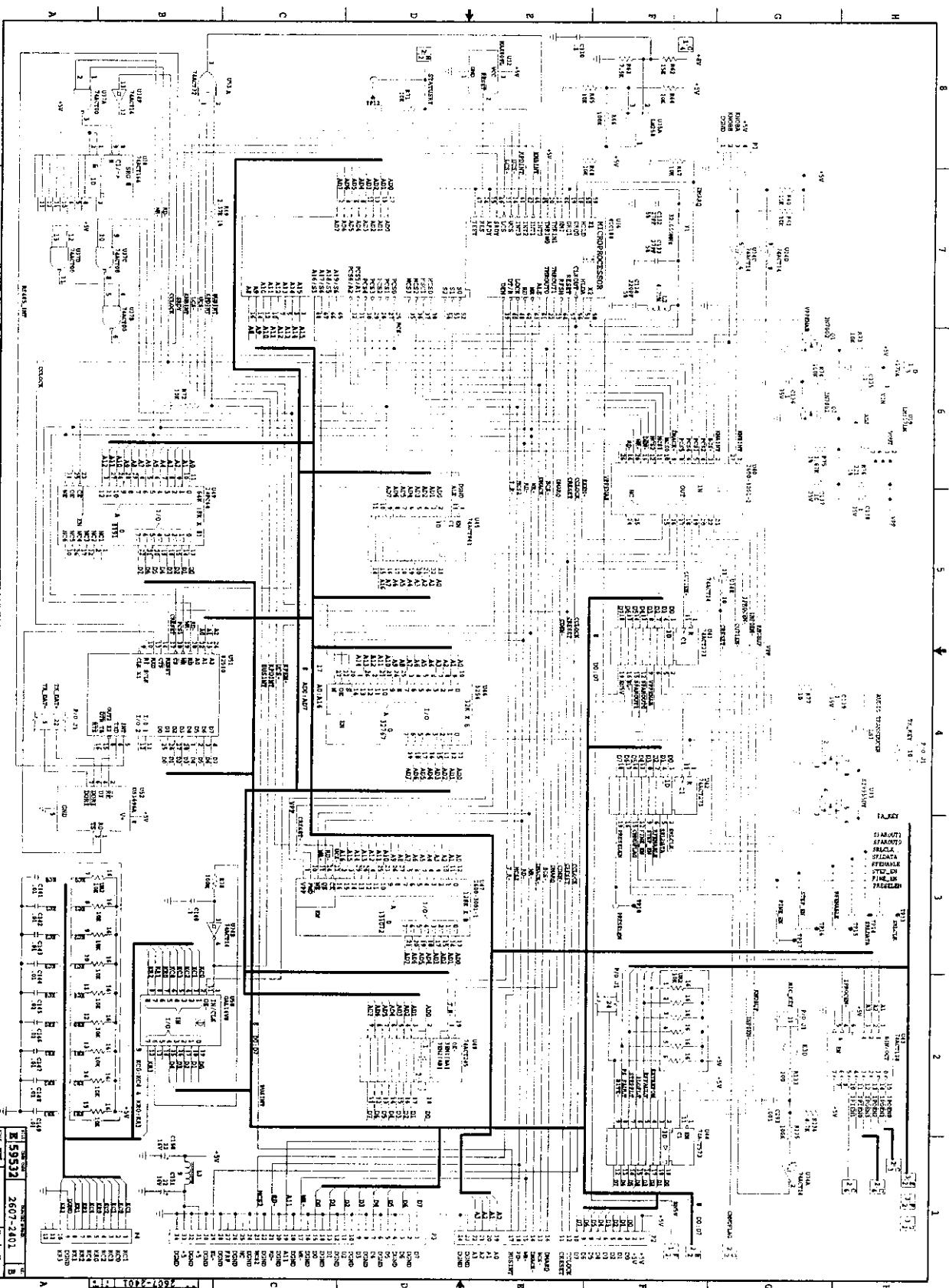
SECTION		DATE	BY	REMARKS
1	2	3	4	5
A	NEW 7210164, INCORPORATED COURTESY PER REQUESTED PART.	8.11.87	14.12.18	
B	NEW 7210164, APPROVED FOR JULY 1987 AND 14007-8701, APPROVED 8/24 NEW 7212164, APPROVED CONSTRUCTION PER 7212164 PER 1 NO 31 PER 27. APPROVED 8/11/87.	8.11.87	14.12.18	



DEVICE		+5V0	OSD	SV	IN	REF	RES
746C014	746C014	6.5, 5.2, 12.21	7.4, 3.1, 11.1	14		014	76
746C016	746C016	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C018	746C018	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C020	746C020	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C022	746C022	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C024	746C024	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C026	746C026	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C028	746C028	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C030	746C030	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C032	746C032	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C034	746C034	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C036	746C036	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C038	746C038	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C040	746C040	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C042	746C042	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C044	746C044	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C046	746C046	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C048	746C048	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
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746C054	746C054	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
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746C060	746C060	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
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746C066	746C066	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C068	746C068	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
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746C072	746C072	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C074	746C074	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C076	746C076	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
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746C120	746C120	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C122	746C122	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
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746C148	746C148	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C150	746C150	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
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746C158	746C158	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C160	746C160	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
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746C164	746C164	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C166	746C166	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
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746C214	746C214	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C216	746C216	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C218	746C218	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C220	746C220	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
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746C298	746C298	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
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746C306	746C306	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C308	746C308	6.5, 5.2, 12.21	7.4, 3.1, 11.1				
746C310	746C310	6.5, 5.2					

[illegible]







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- 274b

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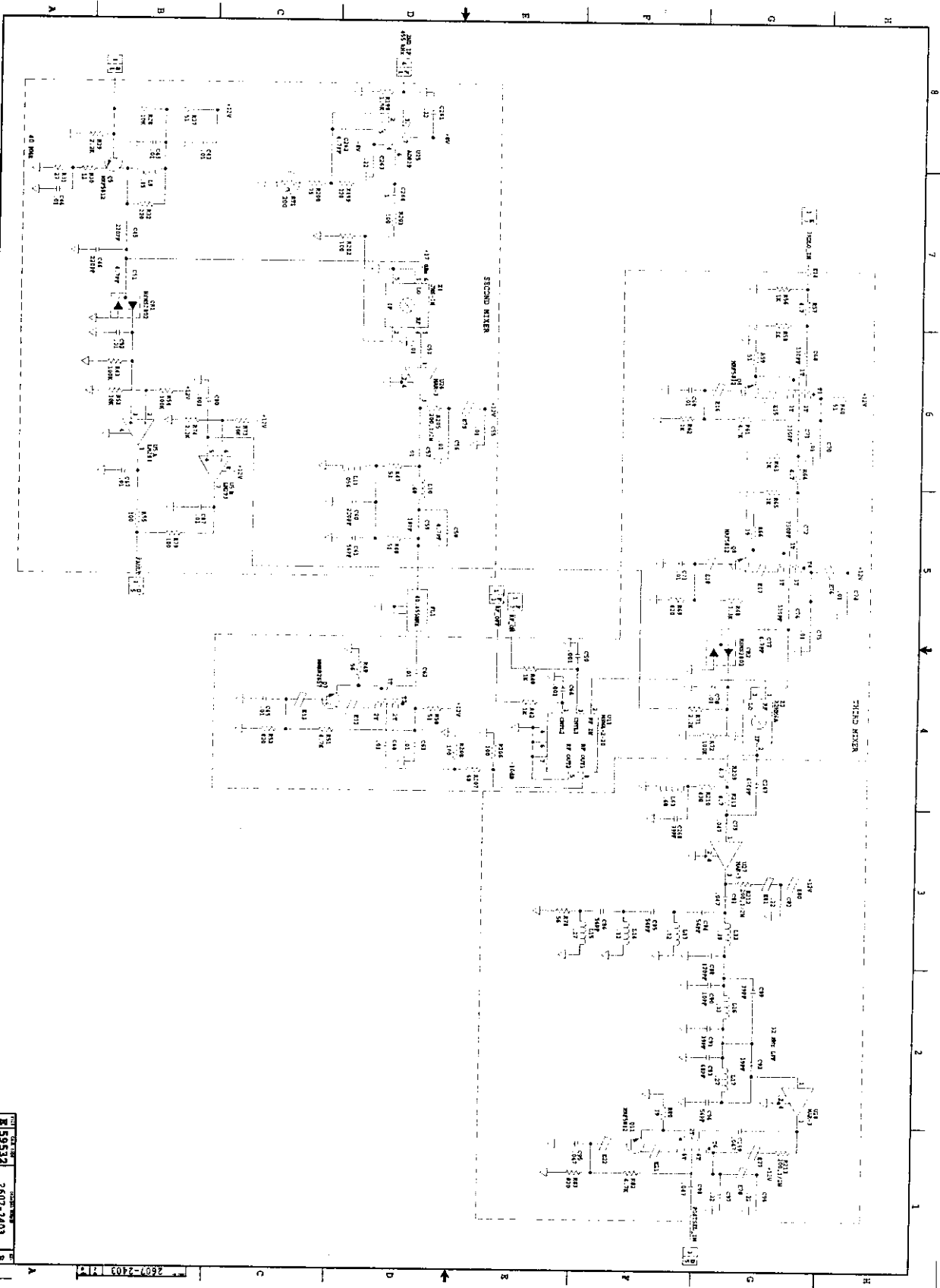
- | NO | NAME | DATE | TIME |
|----|--|------|------|
| A | DOE 721021; INCORPORATED
CHAMBER FOR MIXED AIRFRT. | | |
| B | STRELLY MENDY 95-04-13
DOE 721041; 0119 25 220 MAG 18.
R200 25 25 MAG 18; 0000 RFL.
DOE 721045; 0201 25 100 MAG 150.
R202 25 120 MAG 75.
R.L.557 94-11-12 | | |

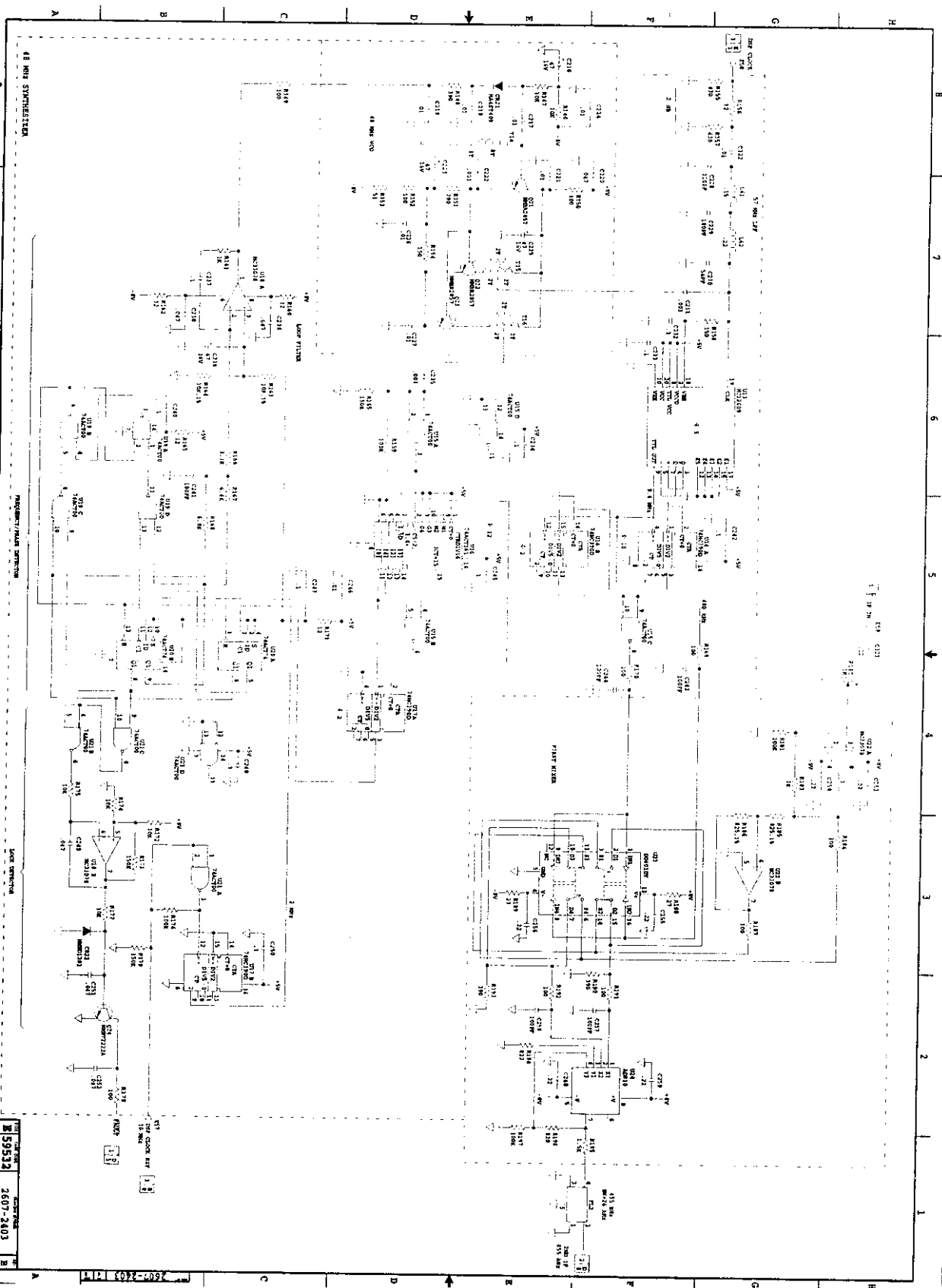


REPORTING UNIT	REPORTING UNIT LAST YEAR	REPORTING UNIT THIS YEAR
C12	505	514 (C1, C4, C9, C10)
C15	471	478 (C1, C2, C3, C10)
B11	474	476 (C1, C2, C13, C14)
F15	416	419 (C10, C14)
A1	424	421 (C1, B, F1)
S13	32	33 (C1, C2, C3, C2, C4)
		32 (C1, C2, C3, C1, C1)
		33 (C1, C1, C1, C1, C1)
		33 (C1, C1, C1, C1)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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NAME (Last, first, middle initial) Mr. J. H. Smith		DATE 10/1/55	
ADDRESS 123 Main St. New York 10001		CITY New York	
STATE New York		COUNTRY U.S.A.	
TELEPHONE NY 1-2345		FAX NY 1-6789	
OCCUPATION Engineer		EDUCATION High School	
MARRIAGE Married		CHILDREN 2	
MILITARY None		RELIGION None	
POLITICAL None		RACE None	
ETHNIC None		SEX Male	
AGE 35		HEIGHT 5'10"	
WEIGHT 175		HAIR Brown	
EYES Blue		SKIN Fair	
BLOOD A		FINGERPRINTS None	
TOEPRINTS None		SCARS None	
TATTOOS None		PIERCINGS None	
GLASSES None		DENTAL None	
HEALTH Good		ALLERGIES None	
MEDICATIONS None		VACCINATIONS None	
DIET None		EXERCISE None	
SMOKING None		ALCOHOL None	
DRUGS None		PSYCHOTROPICS None	
SUBSTANCES None		OTHER None	



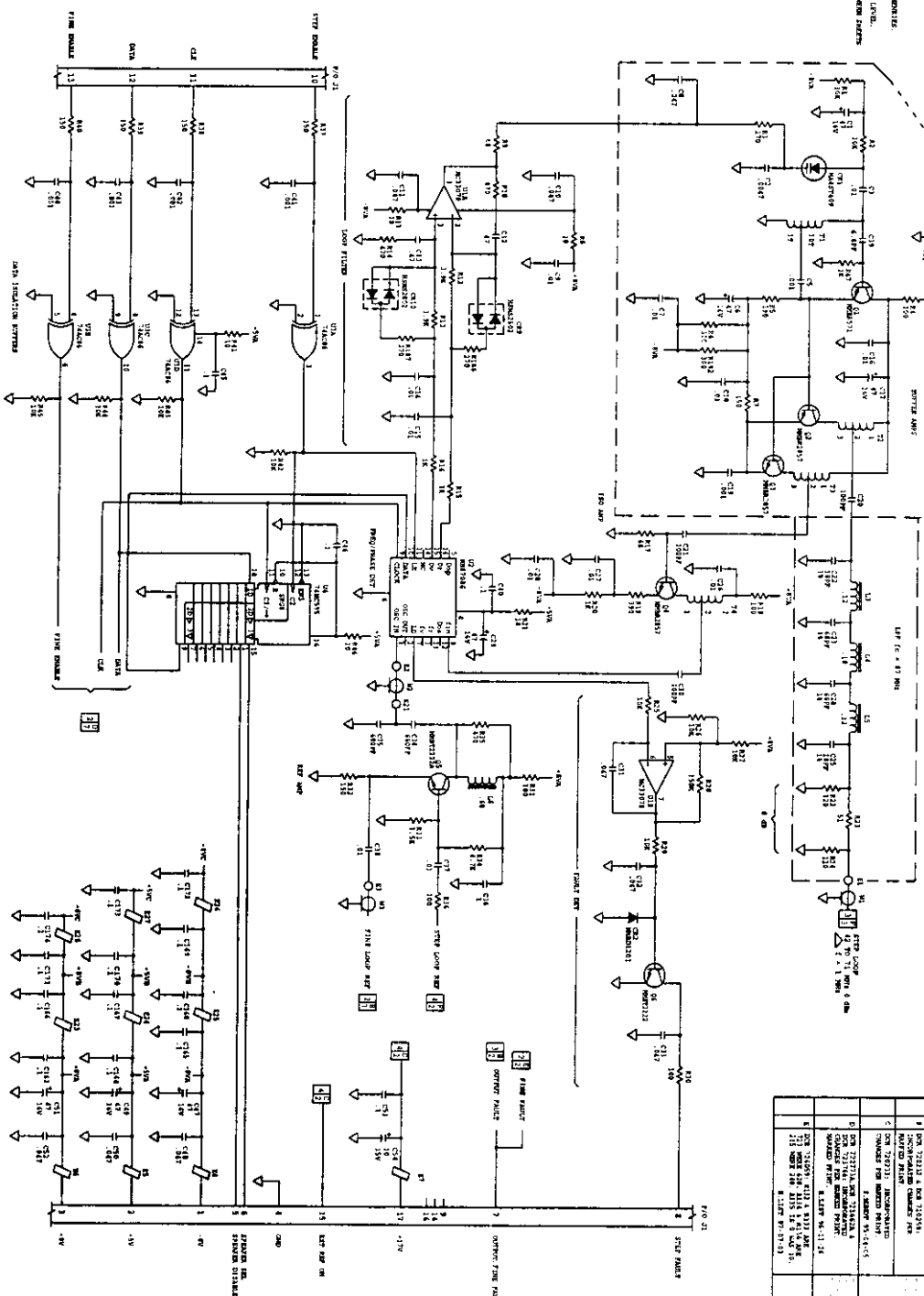


NOTES: UNLESS OTHERWISE SPECIFIED

1. TESTER'S NAME IN ACCORDANCE WITH ISO-STD-100
2. CHARTING VALUES ARE IN MICROBAR-SECS.
3. PRESSURE VALUES ARE IN OZ/IN.
4. DEVIATION VALUES ARE IN MICRONS/INCHES.
- △ COMMENTS INSTALLED AT WORKS LEVEL.
5. TEST RESULTS OF 5000 LBS. TENSION STRESS
6. TEST INSTALLED IN FIELD.
- sheet no.

1	2
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 of 2



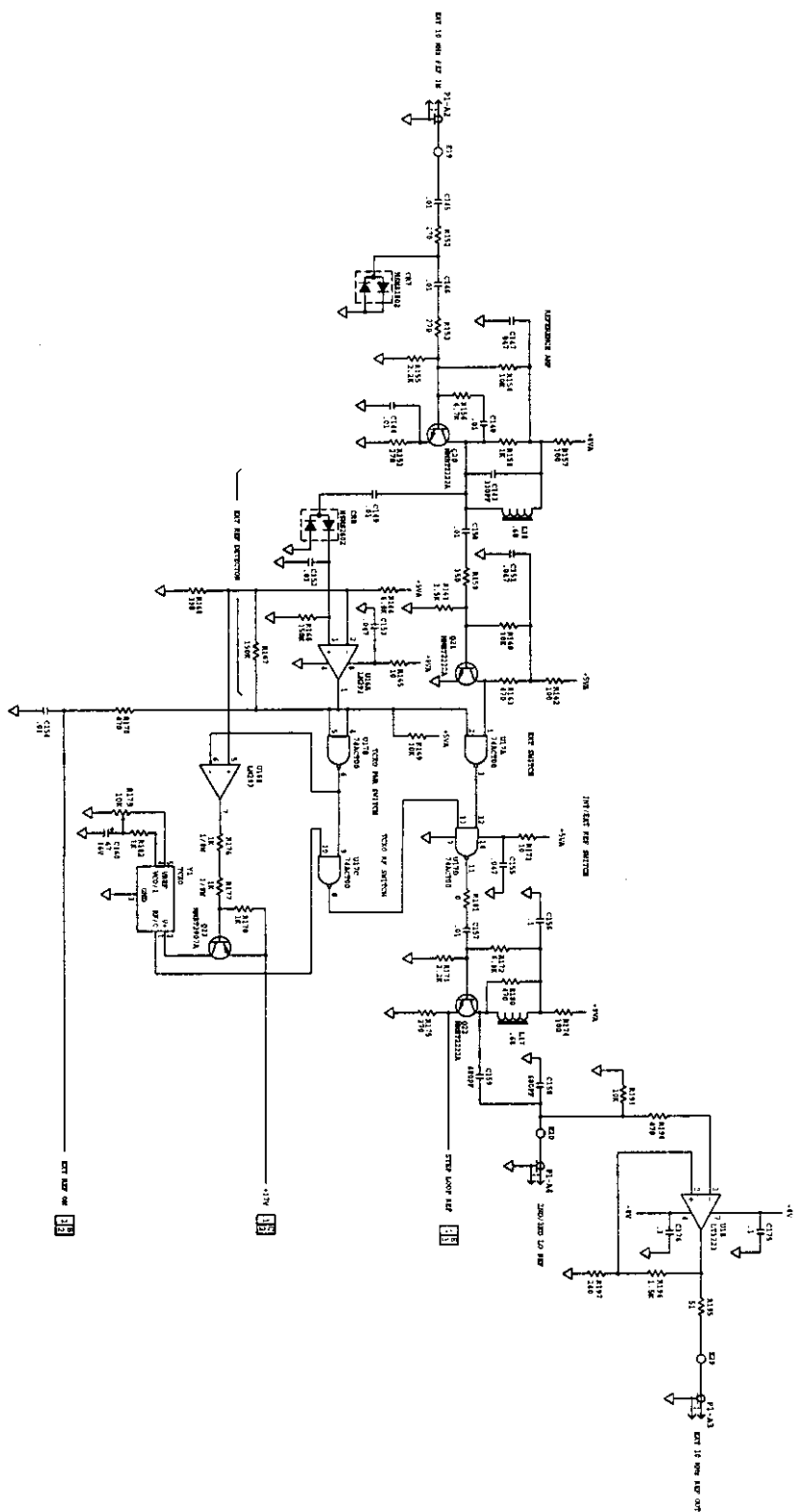
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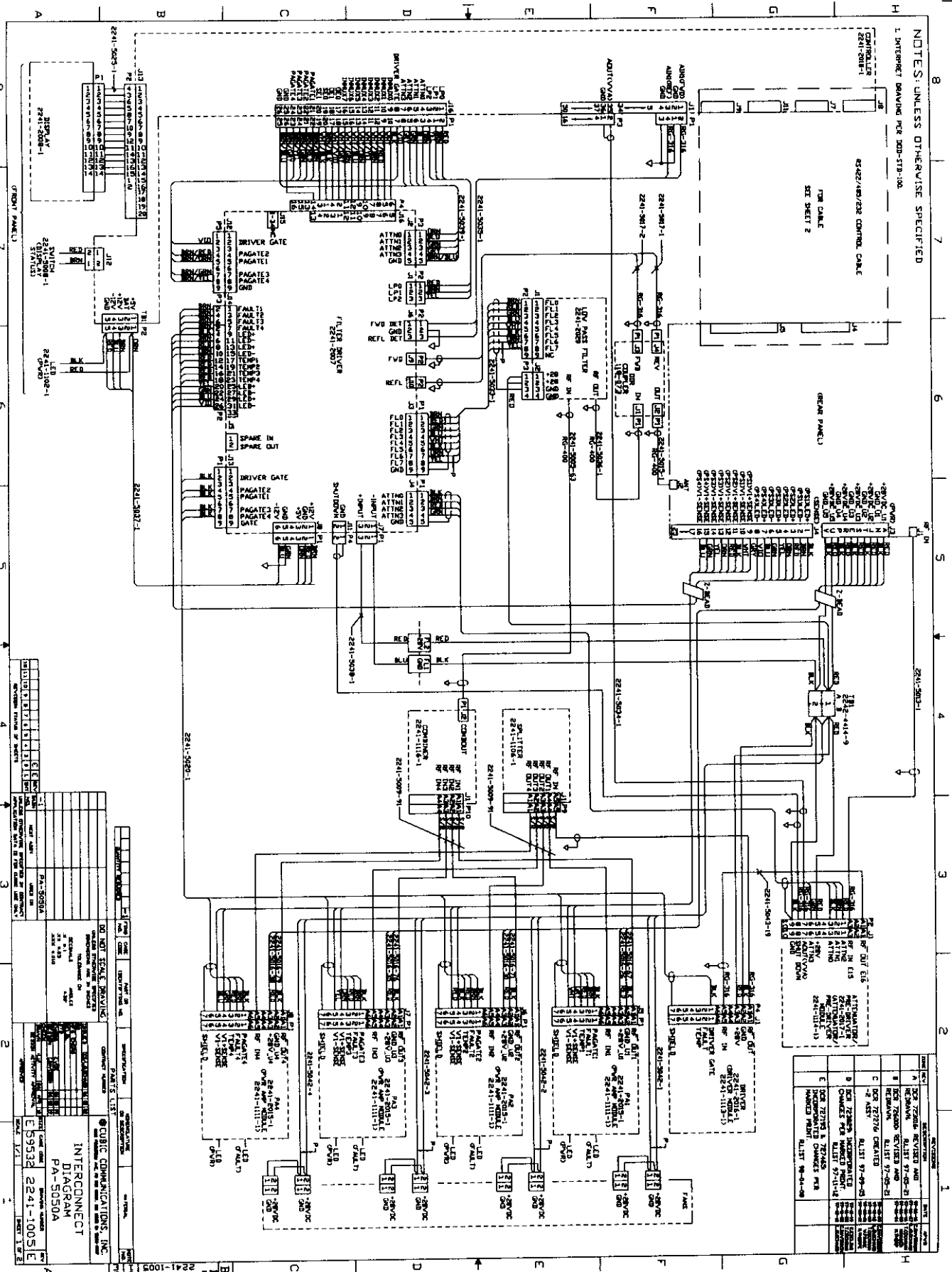
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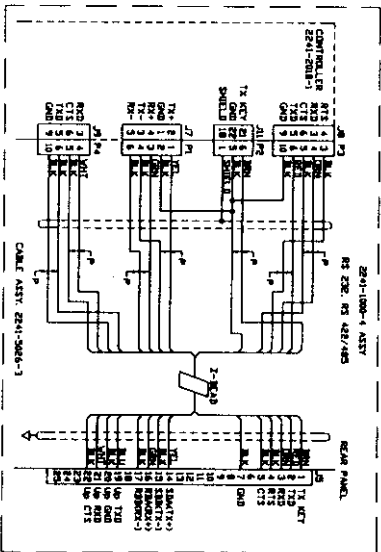
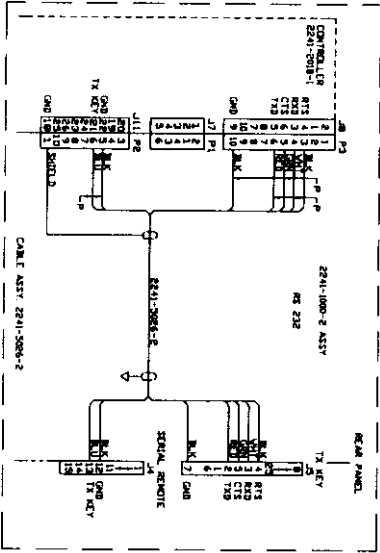
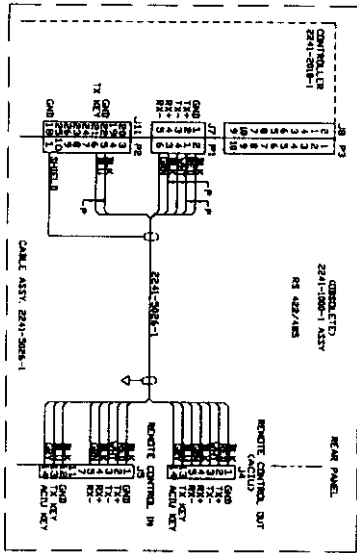
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NOTES: UNLESS OTHERWISE SPECIFIED

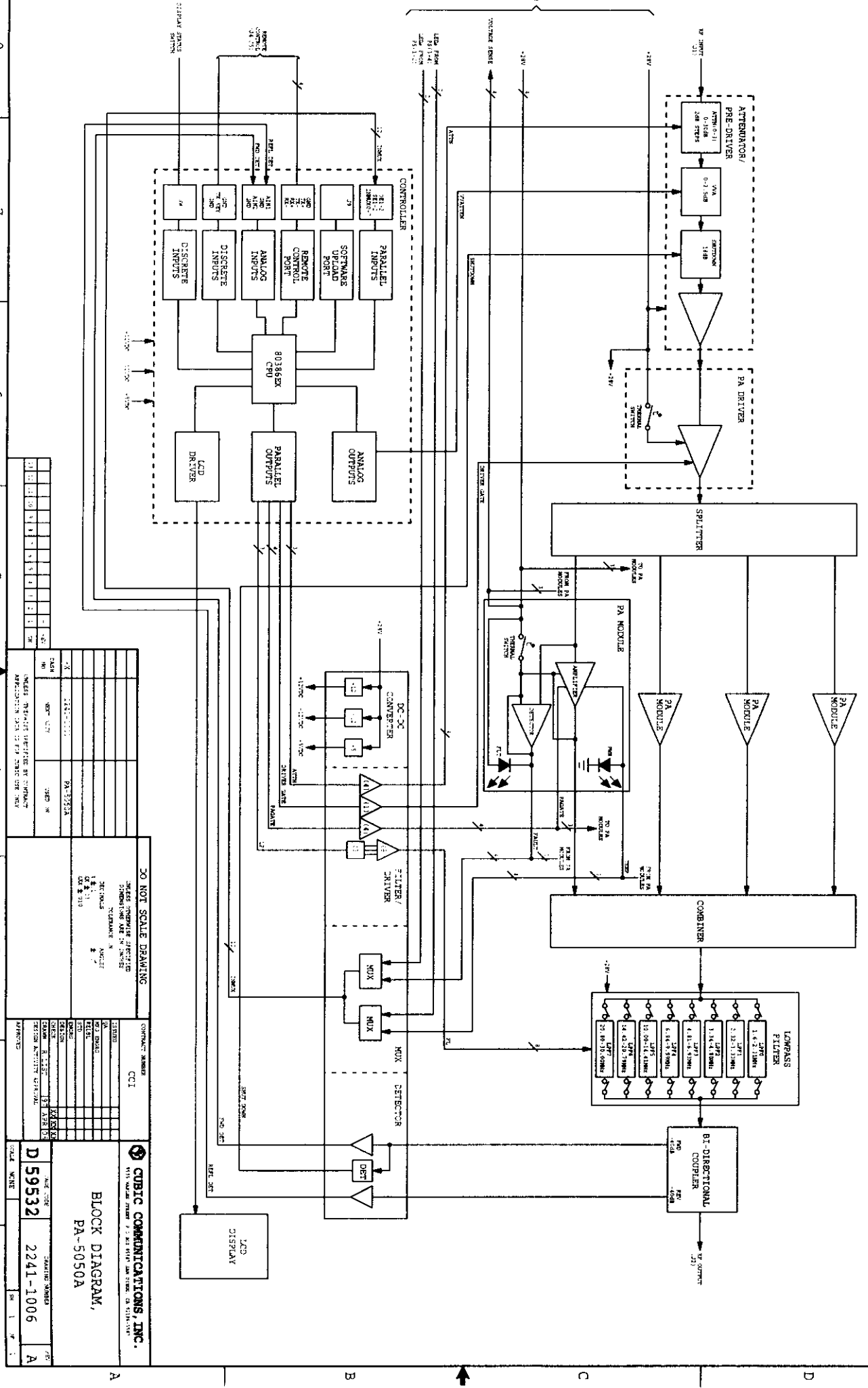


REVISED BY: DATE: 0000

UNIT CODE: 2241-1005 E
E59338 2241-1005 E
REV 1/71

NOTES: UNLESS OTHERWISE SPECIFIED

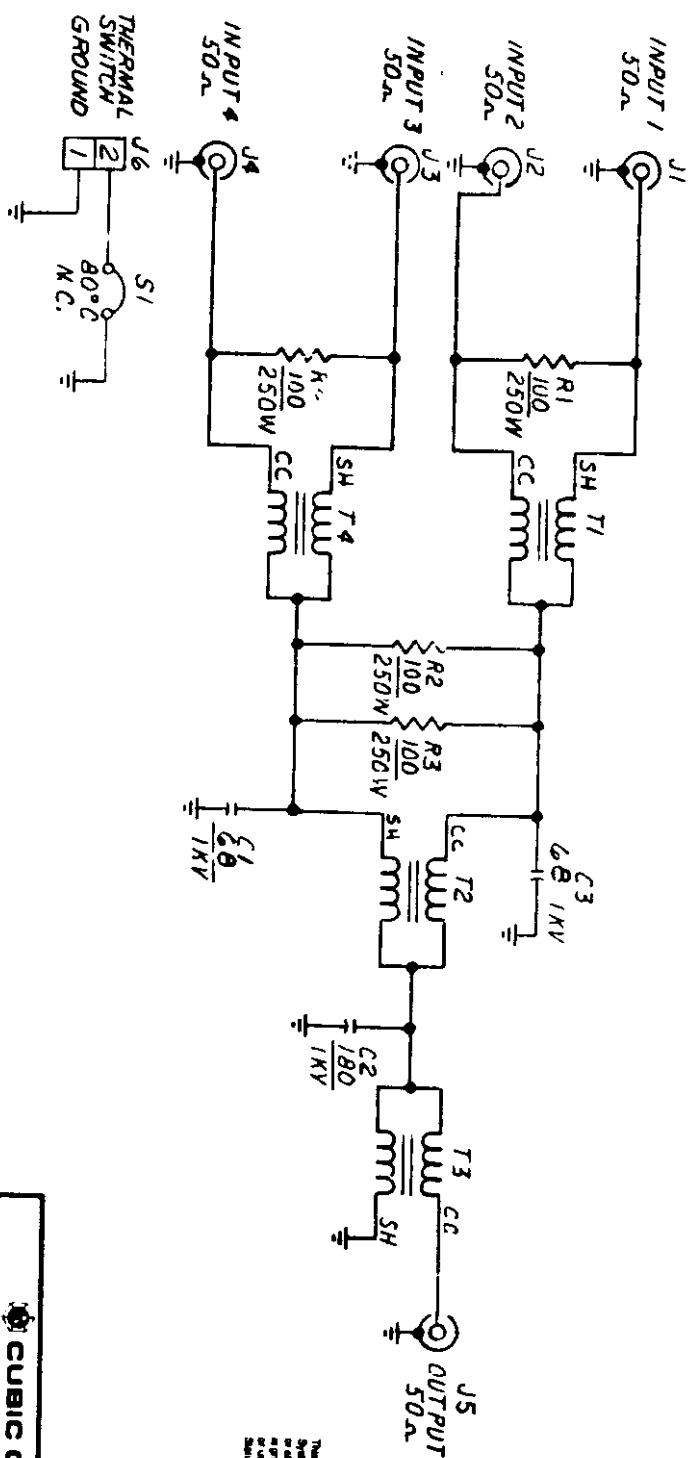
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REV		DATE		BY	
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8	1				

DO NOT SCALE DRAWING	
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
TOLERANCE N	
FRACTIONS	
DECIMALS	
DIM & FIT	
DATE	
DRAWN BY	
CHECKED BY	
APPROVED BY	
PART NUMBER	
BLOCK DIAGRAM, PA-5050A	
D 59532 2241-1006	
REV 1	

REVISIONS			
LTR	DESCRIPTION	DATE	APPRO
A	REVISED	93-02-11	MEJ
		02/12	HEJ



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REFERENCE DESIGN	
LAST USED	NOT USED
R4	S1
C3	J6
T4	

CUBIC COMMUNICATIONS
 A member of the Cubic Corporation family of companies
 305 Airport Rd. Oceanview, CA 92054

SCALE: _____
 DATE: 4-30-86

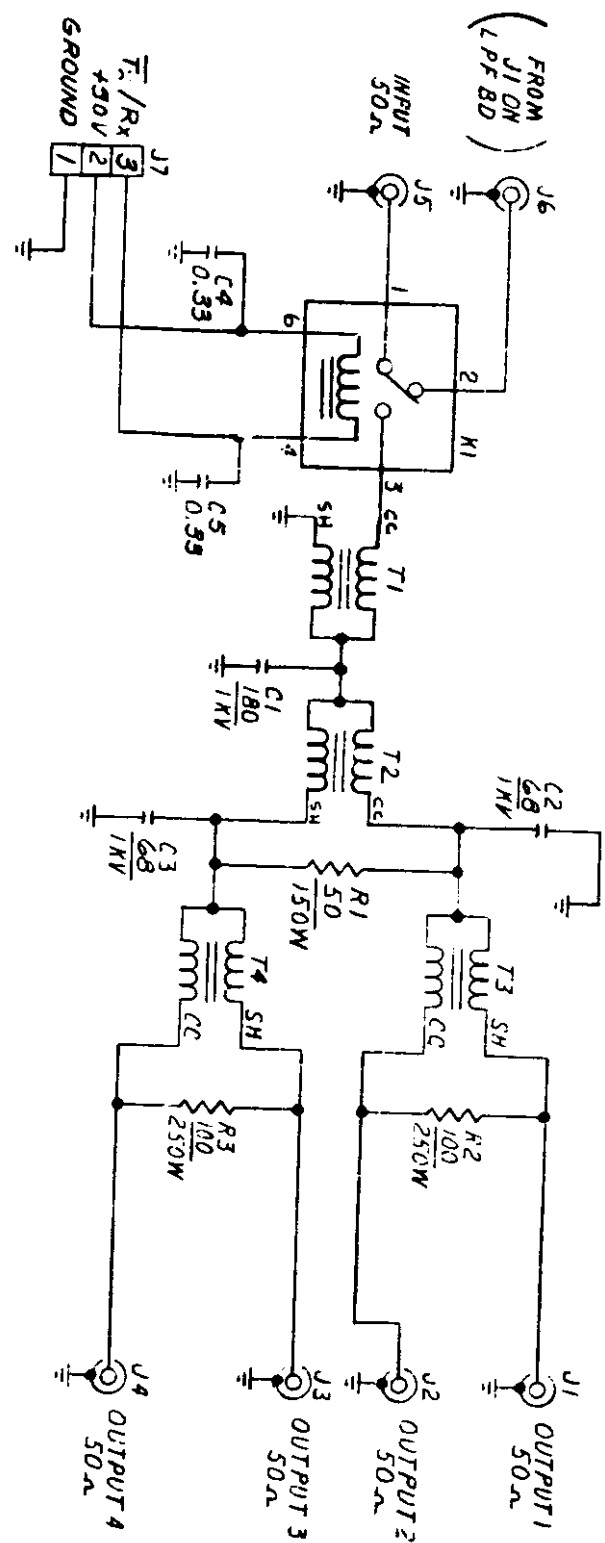
APPROVED BY: _____
 DESIGNED BY: H.J.P.
 CHECKED BY: _____

MODEL: PA-5050
 QTY: 1
 REV: A
 DRAWING NUMBER: 2241-2004

COMBINER BOARD SCHEMATIC

- ALL TRANSFORMERS ARE LT-RG/316
 - CC-CENTER CONDUCTOR, SH-SHIELD.
 - ALL CAPACITOR VALUES ARE IN PICOFARADS.
 - ALL RESISTOR VALUES ARE IN OHMS.
- NOTES: UNLESS OTHERWISE SPECIFIED.

REVISIONS			DATE	APPD
LTR	DESCRIPTION			
A	REVISED		8-17-66	ME-J



4. ALL TRANSFORMERS ARE 2T-50/50V
3. CC = CENTER CONDUCTOR, SH = SHIELD
2. CAPACITANCE VALUES IN PICOFARADS
1. RESISTANCE VALUES IN OHMS.
- NOTES: UNLESS OTHERWISE SPECIFIED.

PROPRIETARY DATA LEGEND

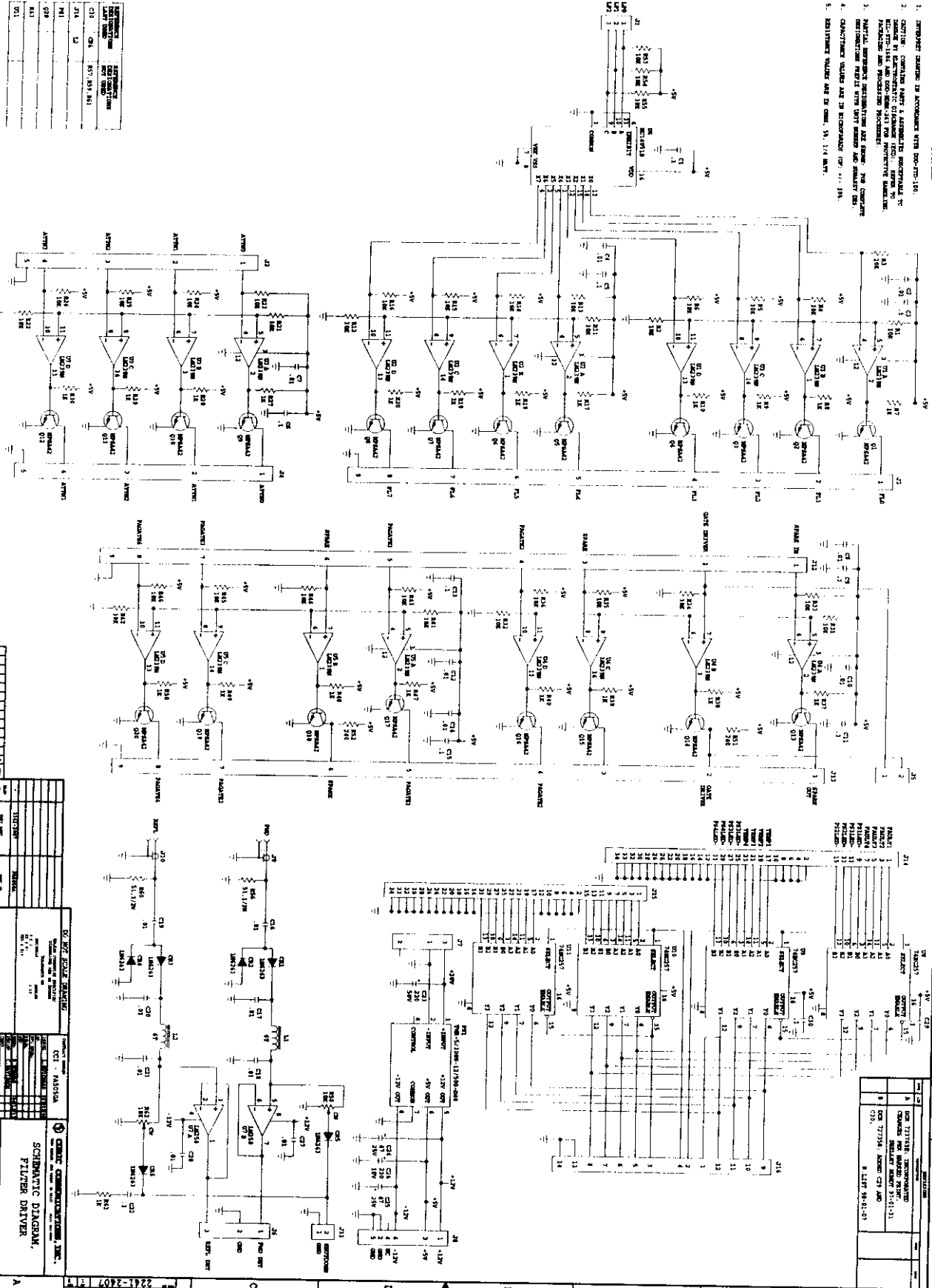
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CUBIC COMMUNICATIONS A member of the Cubic Corporation family of companies 305 Airport Rd. Ocean Side, CA 92054			
SCALE	DATE	REV	DATE
5'-1'-86	5-1-86	A	2241-2405
SPLITTER BOARD SCHEMATIC			
WATT ASSUMED	QTY	MODEL	REV
2241-2005	1	PA-5050	A
DRAWN BY: H.J.P. CHECKED: A.L. FSCM 5832			

REFERENCE DESIG	
LAST USED	
R3	JT
C5	KI
T4	CR1

NOTES: DETAILS OTHERWISE SPECIFIED

1. DIMENSIONS SHOWN IN PARENTHESES WITH DECIMALS ARE TO BE USED.
2. DIMENSIONS SHOWN IN PARENTHESES WITH DECIMALS ARE TO BE USED.
3. DIMENSIONS SHOWN IN PARENTHESES WITH DECIMALS ARE TO BE USED.
4. DIMENSIONS SHOWN IN PARENTHESES WITH DECIMALS ARE TO BE USED.
5. DIMENSIONS SHOWN IN PARENTHESES WITH DECIMALS ARE TO BE USED.

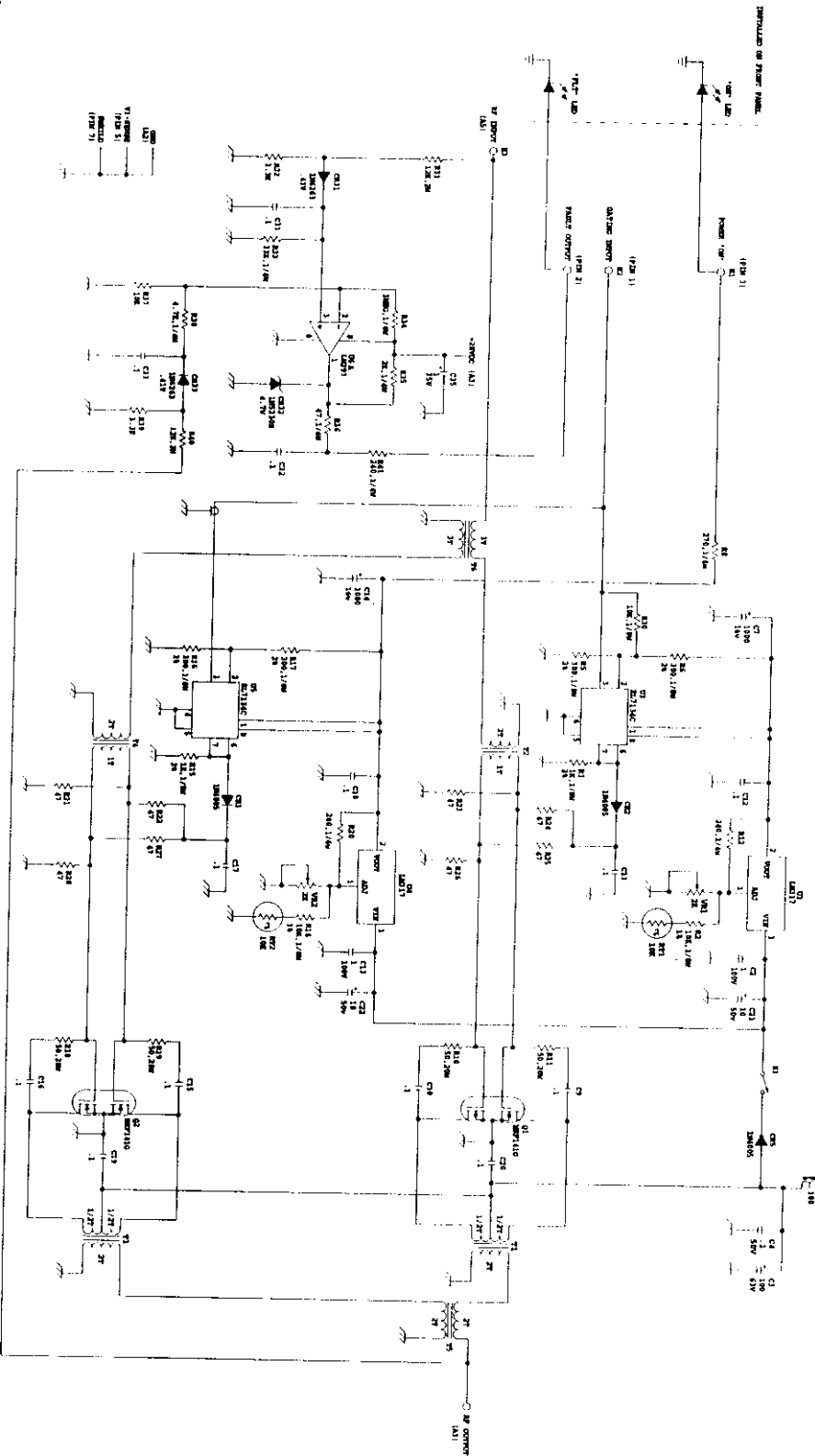


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1	2N101	1	2N200

NOTES: UNLESS OTHERWISE SPECIFIED

1. PREPARE DRAWING IN ACCORDANCE WITH DOD-STD-361.
2. CONTINGENT ON THE FACT THAT A SUBMITTER'S PROPOSAL TO THE GOVERNMENT IS SUBJECT TO THE PROTECTIVE ORDER, THE GOVERNMENT WILL NOT BE RESPONSIBLE FOR THE PROTECTIVE ORDER.
3. MATERIALS, INCLUDING DIMENSIONS AND TOLERANCES, FOR COMPONENTS, INCLUDING PARTS WITH PART NUMBER AND PARTS NOT, SHALL BE IN ACCORDANCE WITH THE GOVERNMENT'S SPECIFICATIONS.
4. DIMENSIONS SHALL BE IN ACCORDANCE WITH THE GOVERNMENT'S SPECIFICATIONS.
5. DIMENSIONS SHALL BE IN ACCORDANCE WITH THE GOVERNMENT'S SPECIFICATIONS.
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7. DIMENSIONS SHALL BE IN ACCORDANCE WITH THE GOVERNMENT'S SPECIFICATIONS.



NO.	DESCRIPTION	REVISION
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8	REVISION	
9	REVISION	
10	REVISION	

NO.	DESCRIPTION	REVISION
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9	REVISION	
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NO.	DESCRIPTION	REVISION
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NO.	DESCRIPTION	REVISION
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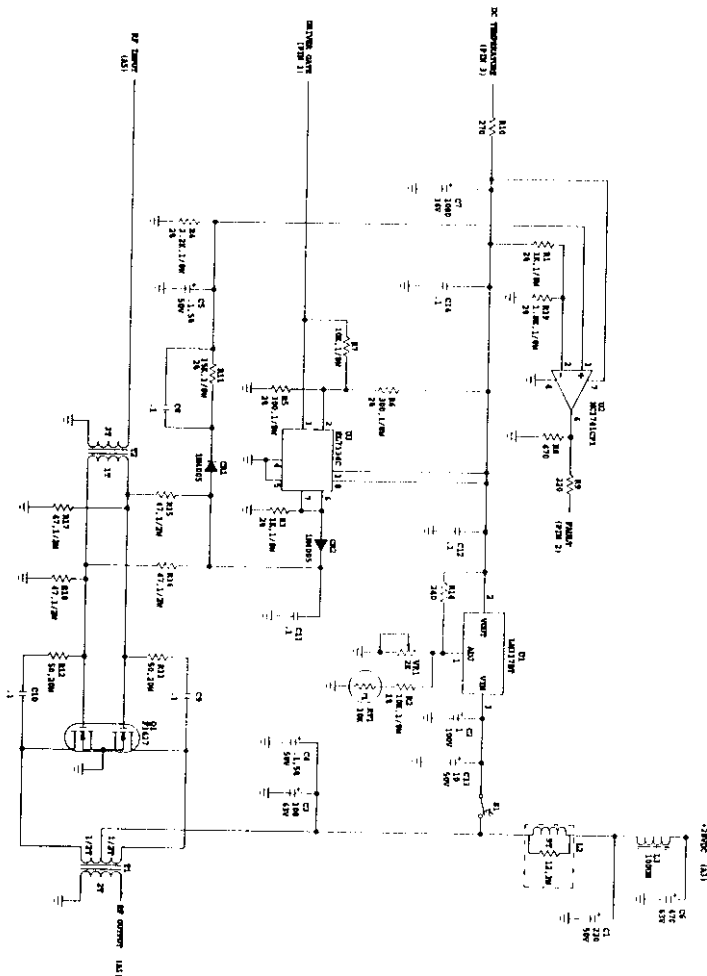
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NO.	DESCRIPTION	REVISION
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NO.	DESCRIPTION	REVISION
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8	REVISION	
9	REVISION	
10	REVISION	

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS SHOWN IN PARENTHESES ARE NOT TO SCALE.
2. DIMENSIONS SHOWN IN PARENTHESES ARE NOT TO SCALE. DIMENSIONS TO BE USED FOR FABRICATING THE BOARD ARE SHOWN IN PARENTHESES.
3. DIMENSIONS SHOWN IN PARENTHESES ARE NOT TO SCALE. DIMENSIONS TO BE USED FOR FABRICATING THE BOARD ARE SHOWN IN PARENTHESES.
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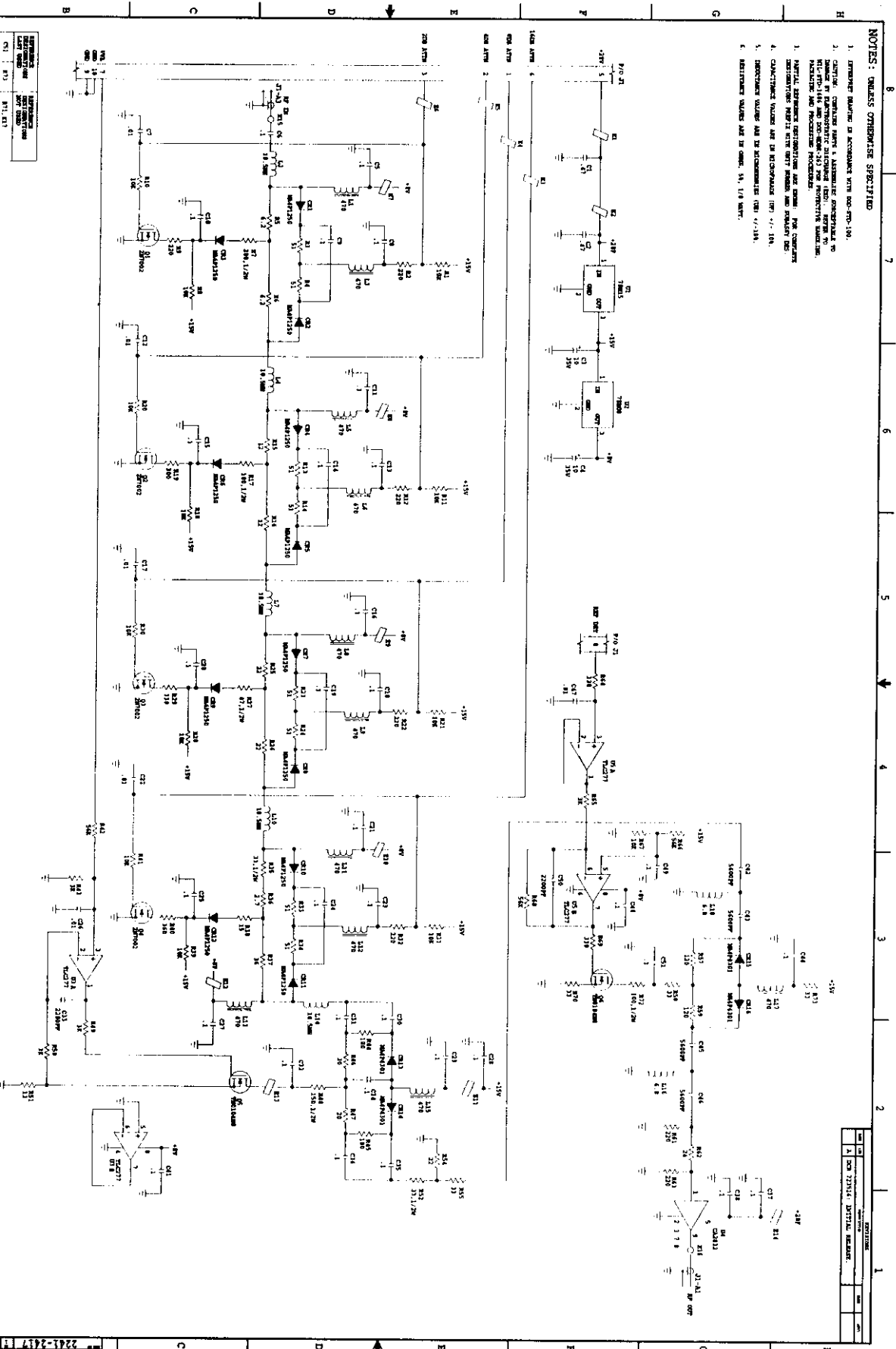
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R82	10K	Ω
R83	10K	Ω
R84	10K	Ω
R85	10K	Ω
R86	10K	Ω
R87	10K	Ω
R88	10K	Ω
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R90	10K	Ω
R91	10K	Ω
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R94	10K	Ω
R95	10K	Ω
R96	10K	Ω
R97	10K	Ω
R98	10K	Ω
R99	10K	Ω
R100	10K	Ω

REV	DATE	DESCRIPTION
1	10/10/10	10/10/10
2	10/10/10	10/10/10
3	10/10/10	10/10/10
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5	10/10/10	10/10/10
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10	10/10/10	10/10/10

REV	DATE	DESCRIPTION
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2	10/10/10	10/10/10
3	10/10/10	10/10/10
4	10/10/10	10/10/10
5	10/10/10	10/10/10
6	10/10/10	10/10/10
7	10/10/10	10/10/10
8	10/10/10	10/10/10
9	10/10/10	10/10/10
10	10/10/10	10/10/10

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS INDICATED IN PARENTHESES WITH NO-PTV-100.
2. CONTING: CONTAINING PARTS & ASSEMBLIES CONFORMABLE TO MIL-STD-145 AND MIL-STD-202 FOR PROTECTIVE PACKAGING.
3. PARTIAL DIMENSIONS INDICATED ARE GIVEN FOR COMPARISON.
4. DIMENSIONS VALUES ARE IN INCHES (IN) < 1/16.
5. DIMENSIONS VALUES ARE IN MILLIMETERS (MM) < 1.25.
6. DIMENSIONS VALUES ARE IN INCHES (IN) < 1/16.



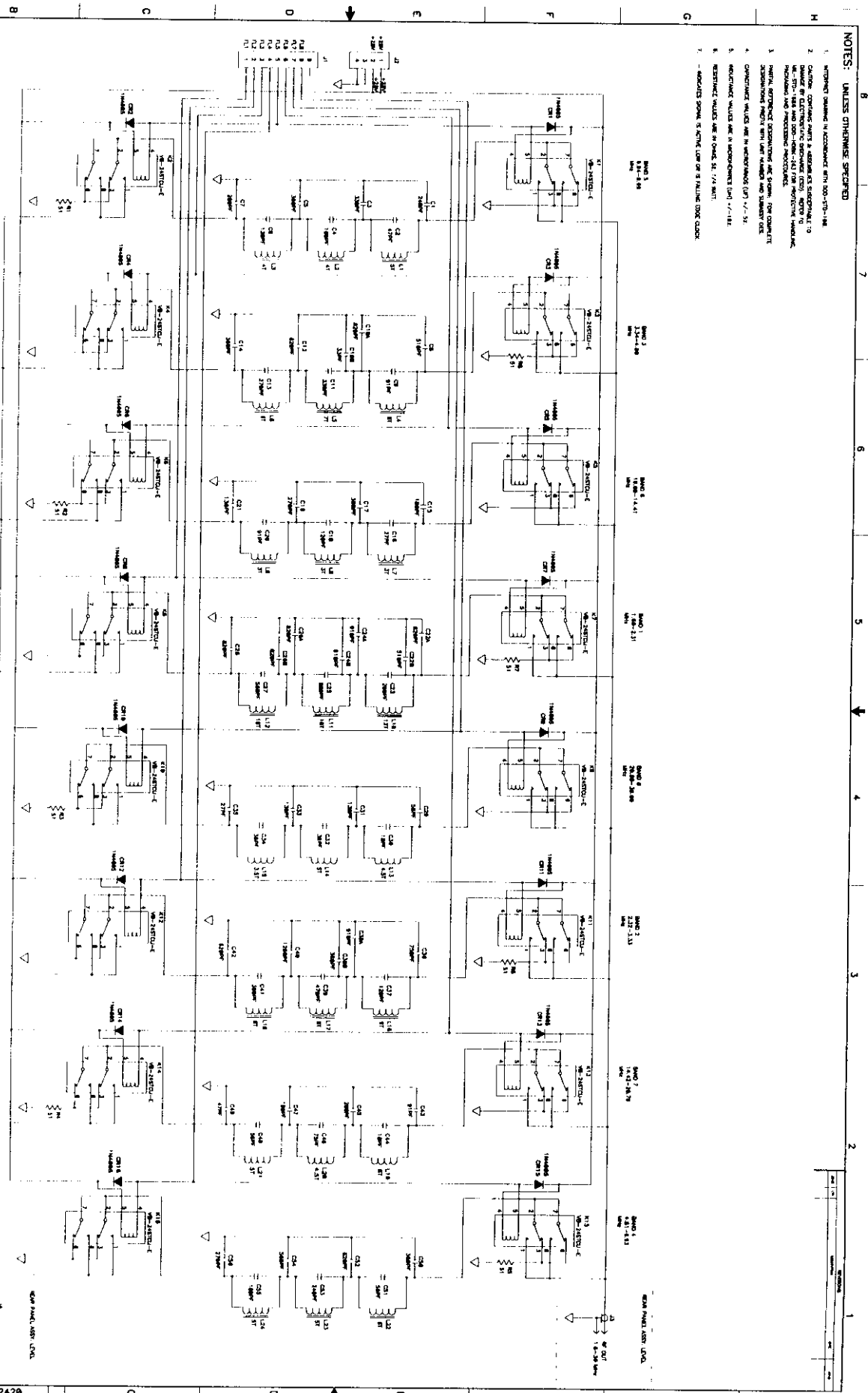
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R2	10K	Ω
R3	10K	Ω
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R5	10K	Ω
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R7	10K	Ω
R8	10K	Ω
R9	10K	Ω
R10	10K	Ω
R11	10K	Ω
R12	10K	Ω
R13	10K	Ω
R14	10K	Ω
R15	10K	Ω
R16	10K	Ω
R17	10K	Ω
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R19	10K	Ω
R20	10K	Ω
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R22	10K	Ω
R23	10K	Ω
R24	10K	Ω
R25	10K	Ω
R26	10K	Ω
R27	10K	Ω
R28	10K	Ω
R29	10K	Ω
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R34	10K	Ω
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R40	10K	Ω
R41	10K	Ω
R42	10K	Ω
R43	10K	Ω
R44	10K	Ω
R45	10K	Ω
R46	10K	Ω
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R94	10K	Ω
R95	10K	Ω
R96	10K	Ω
R97	10K	Ω
R98	10K	Ω
R99	10K	Ω
R100	10K	Ω

SCHEMATIC DIAGRAM
ATTENTION: PRE-DRIVER

COMPONENT	VALUE	UNIT
R1	10K	Ω
R2	10K	Ω
R3	10K	Ω
R4	10K	Ω
R5	10K	Ω
R6	10K	Ω
R7	10K	Ω
R8	10K	Ω
R9	10K	Ω
R10	10K	Ω
R11	10K	Ω
R12	10K	Ω
R13	10K	Ω
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R15	10K	Ω
R16	10K	Ω
R17	10K	Ω
R18	10K	Ω
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R43	10K	Ω
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R92	10K	Ω
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R94	10K	Ω
R95	10K	Ω
R96	10K	Ω
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R98	10K	Ω
R99	10K	Ω
R100	10K	Ω

NOTES: UNLESS OTHERWISE SPECIFIED

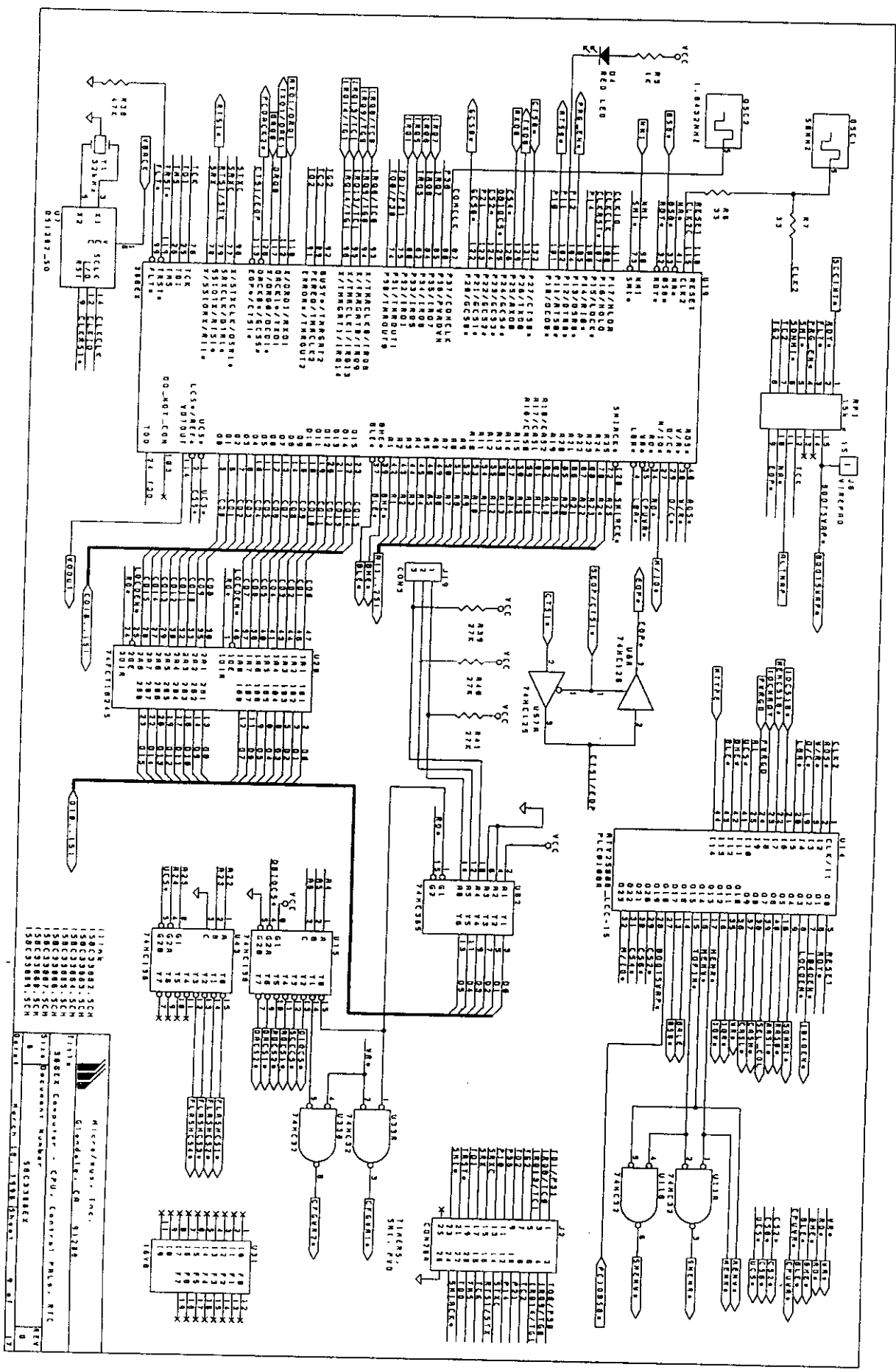
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2. ALL DIMENSIONS ARE IN INCHES EXCEPT WHERE SHOWN OTHERWISE. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
3. ALL DIMENSIONS ARE IN INCHES EXCEPT WHERE SHOWN OTHERWISE. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
4. DIMENSIONS ARE IN INCHES EXCEPT WHERE SHOWN OTHERWISE. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
5. DIMENSIONS ARE IN INCHES EXCEPT WHERE SHOWN OTHERWISE. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED. DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
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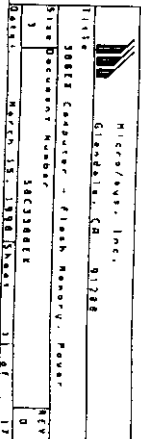
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10/1/50	3	10/1/50	3
10/1/50	4	10/1/50	4
10/1/50	5	10/1/50	5
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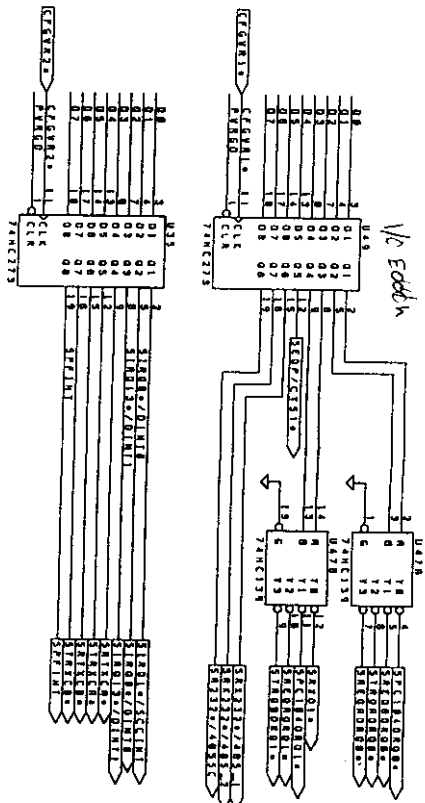
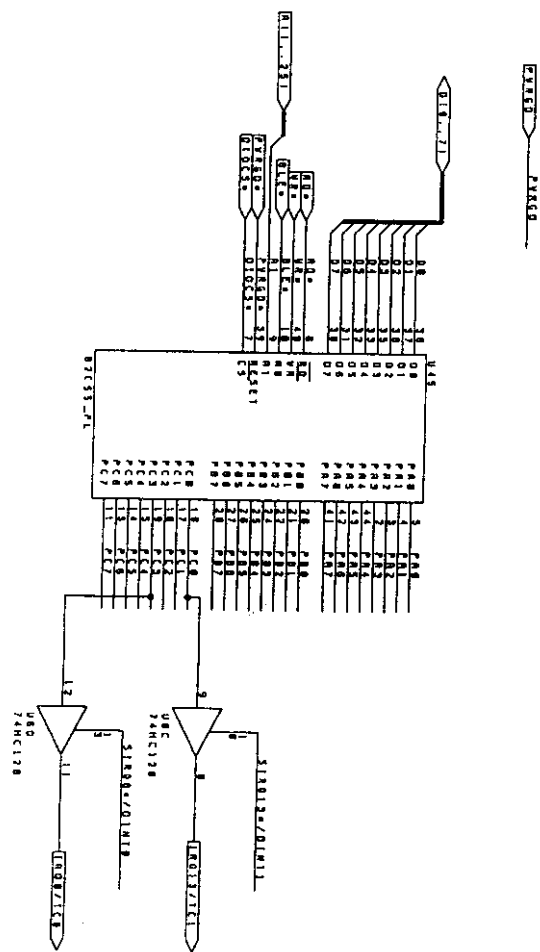
WIRING DRAWING		WIRING DRAWING	
DATE	REVISION	DATE	REVISION
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10/1/50	2	10/1/50	2
10/1/50	3	10/1/50	3
10/1/50	4	10/1/50	4
10/1/50	5	10/1/50	5
10/1/50	6	10/1/50	6
10/1/50	7	10/1/50	7
10/1/50	8	10/1/50	8

WIRING DRAWING		WIRING DRAWING	
DATE	REVISION	DATE	REVISION
10/1/50	1	10/1/50	1
10/1/50	2	10/1/50	2
10/1/50	3	10/1/50	3
10/1/50	4	10/1/50	4
10/1/50	5	10/1/50	5
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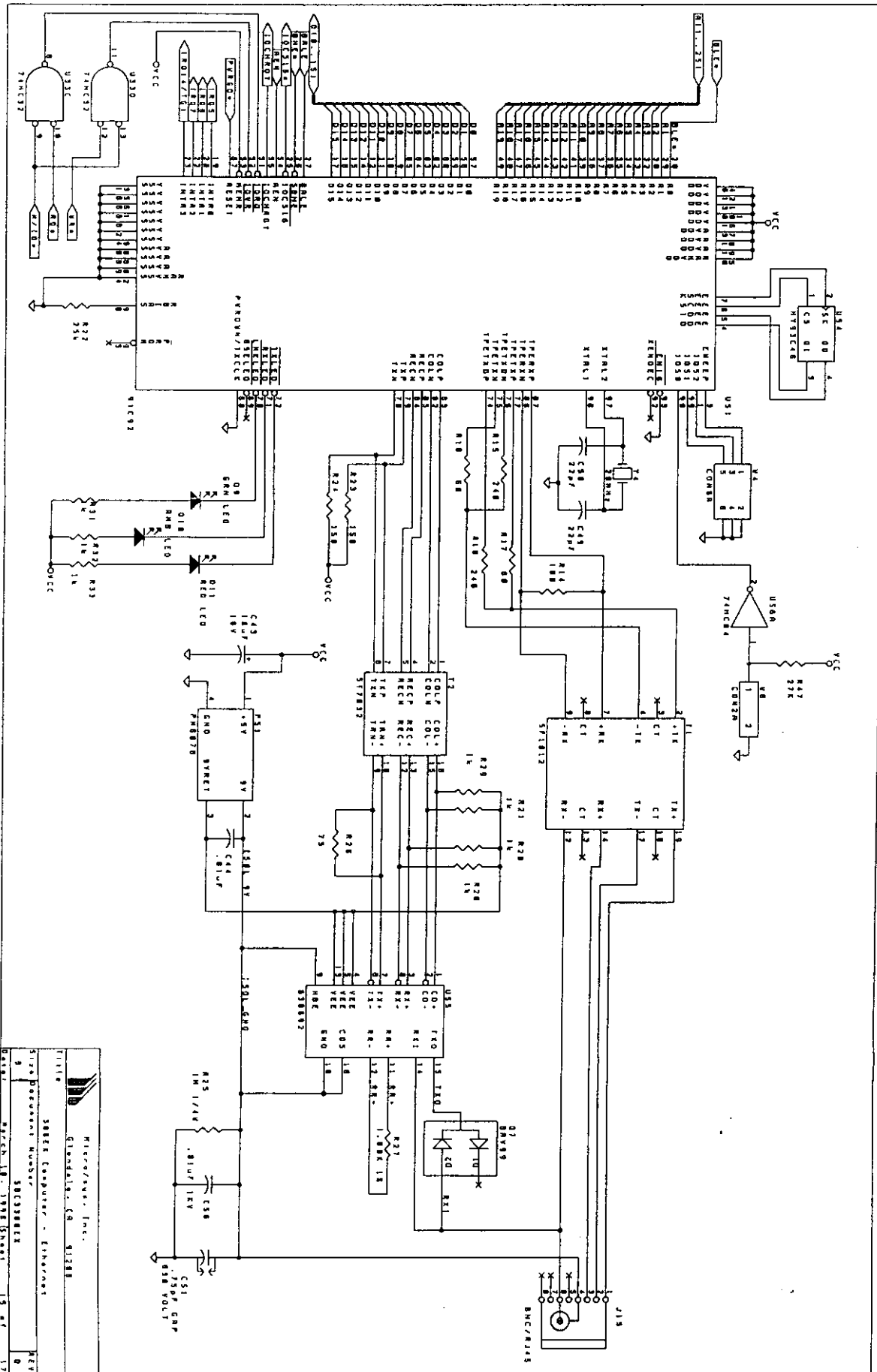


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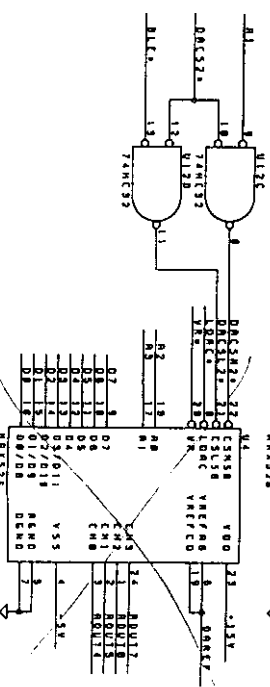
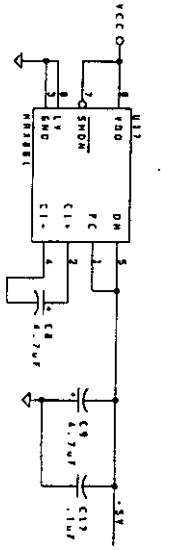
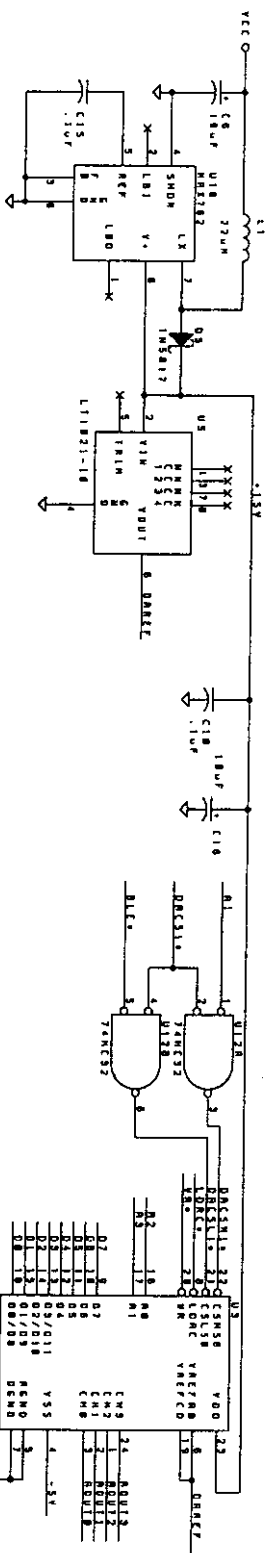


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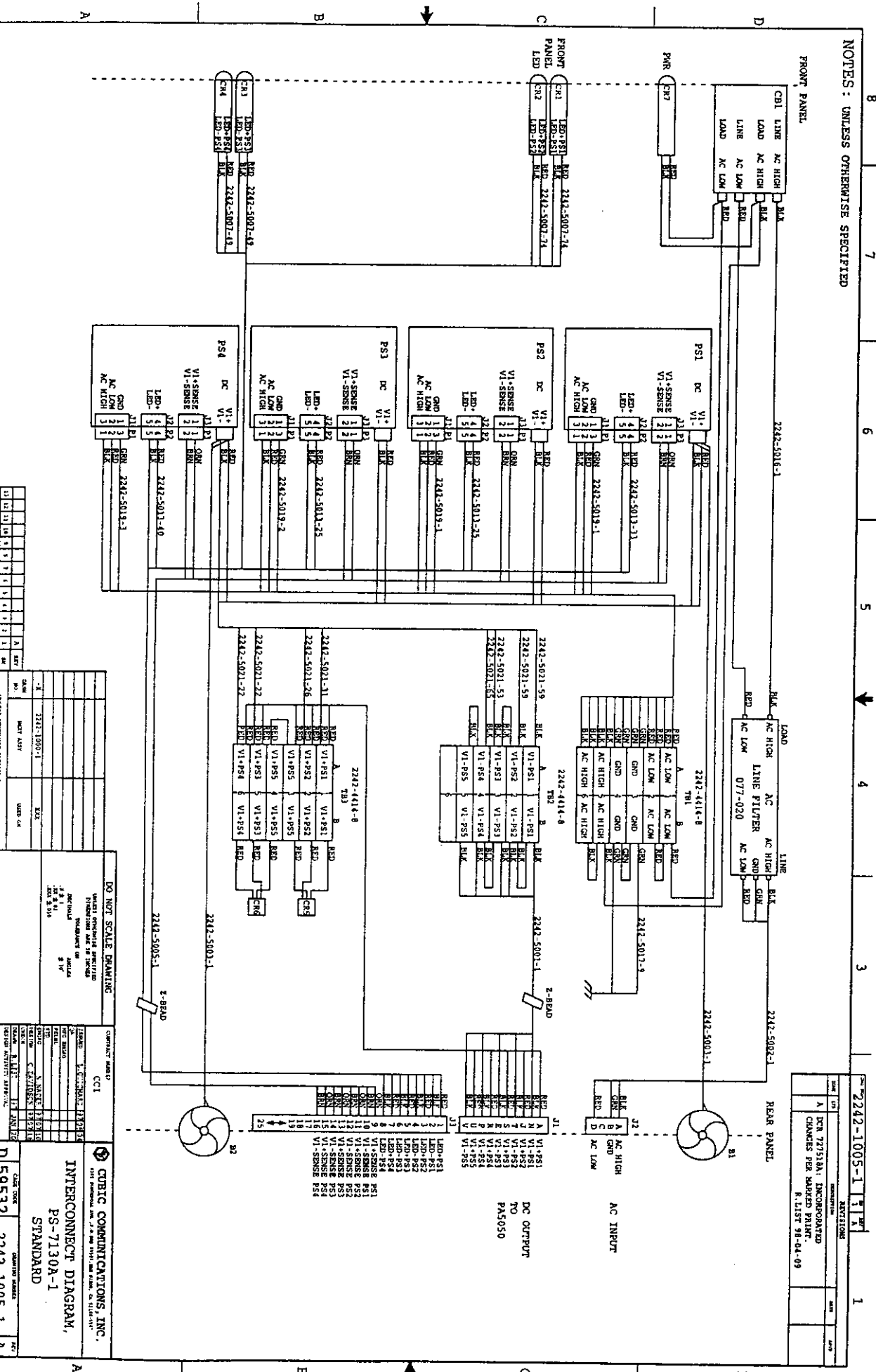


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388EC Computer - Ethernet	
Part Number	388EC001
Rev	0
Date	March 18, 1988
Page	17

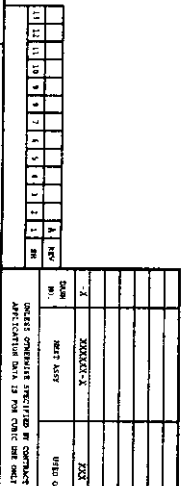
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2



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REVIEWS			
DATE	TIME	DESCRIPTION	AGENT
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		R. LIST 98-04-09	



PATIENT NAME					
CCI					
STATUS	10/19/84	91	95		
VA					
PHYSICIAN					
REL.					
TTD					
IN MATERN		91	95		
DELIVISION	C. J. LAYTON	97	95		
CHIEF					
DATE IN R.L.C.T.	10/19/84				
OBSTETRIC ACTIVITY APPROVAL					
APPROVED					
J. COCHRAN					

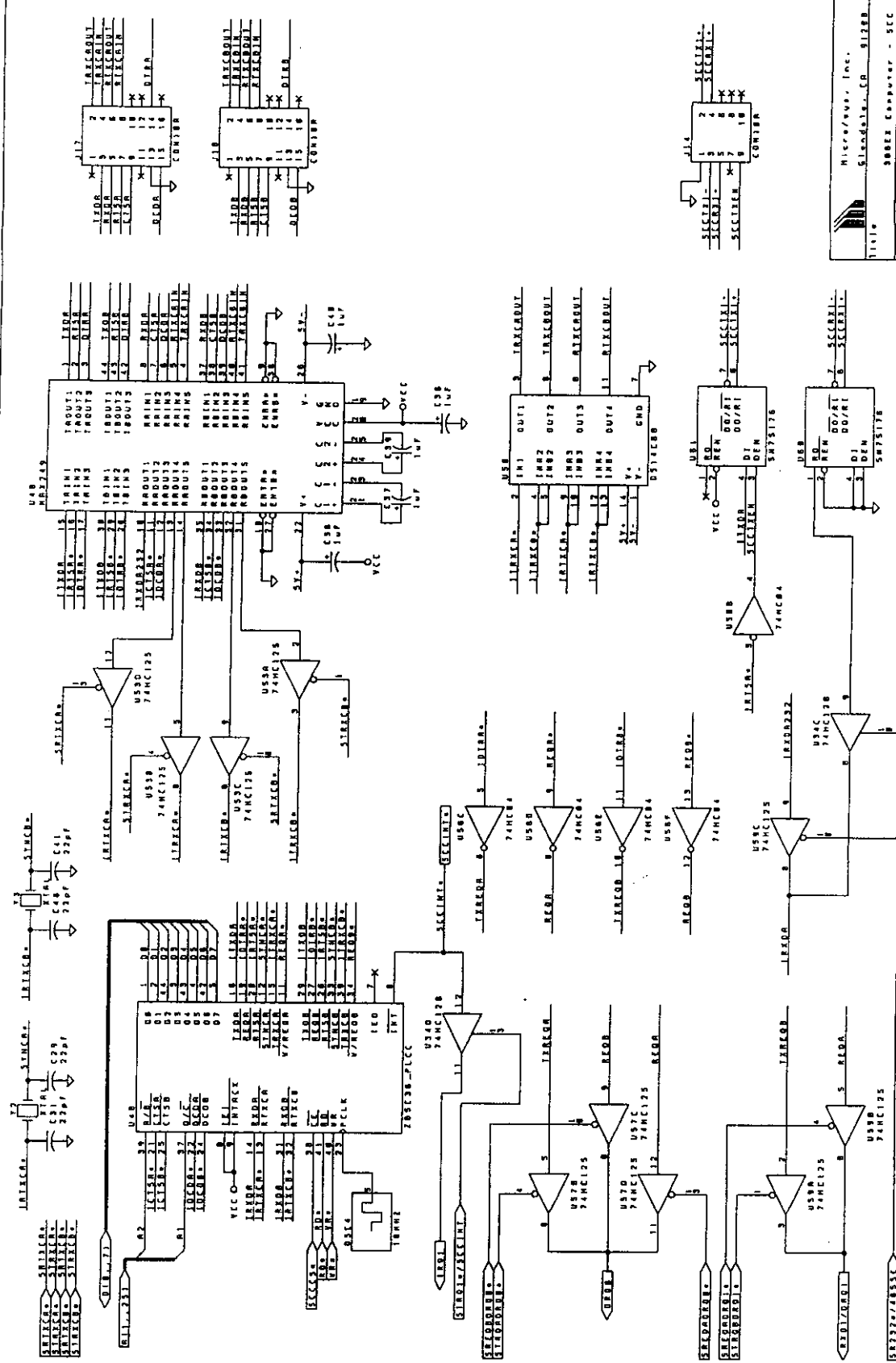
 CUBIC COMMUNICATIONS, INC. 3015 INVERDA DRIVE, P.O. BOX 87181, SAN DIEGO, CA 92168-1181	
BLOCK DIAGRAM, PS-7130A STANDARD	
CASE CODE D 59532	DRAWING NUMBER 2242-1006-1
CASE NAME PS-7130A	P.C. A

Hand
204

COM-A
RS232

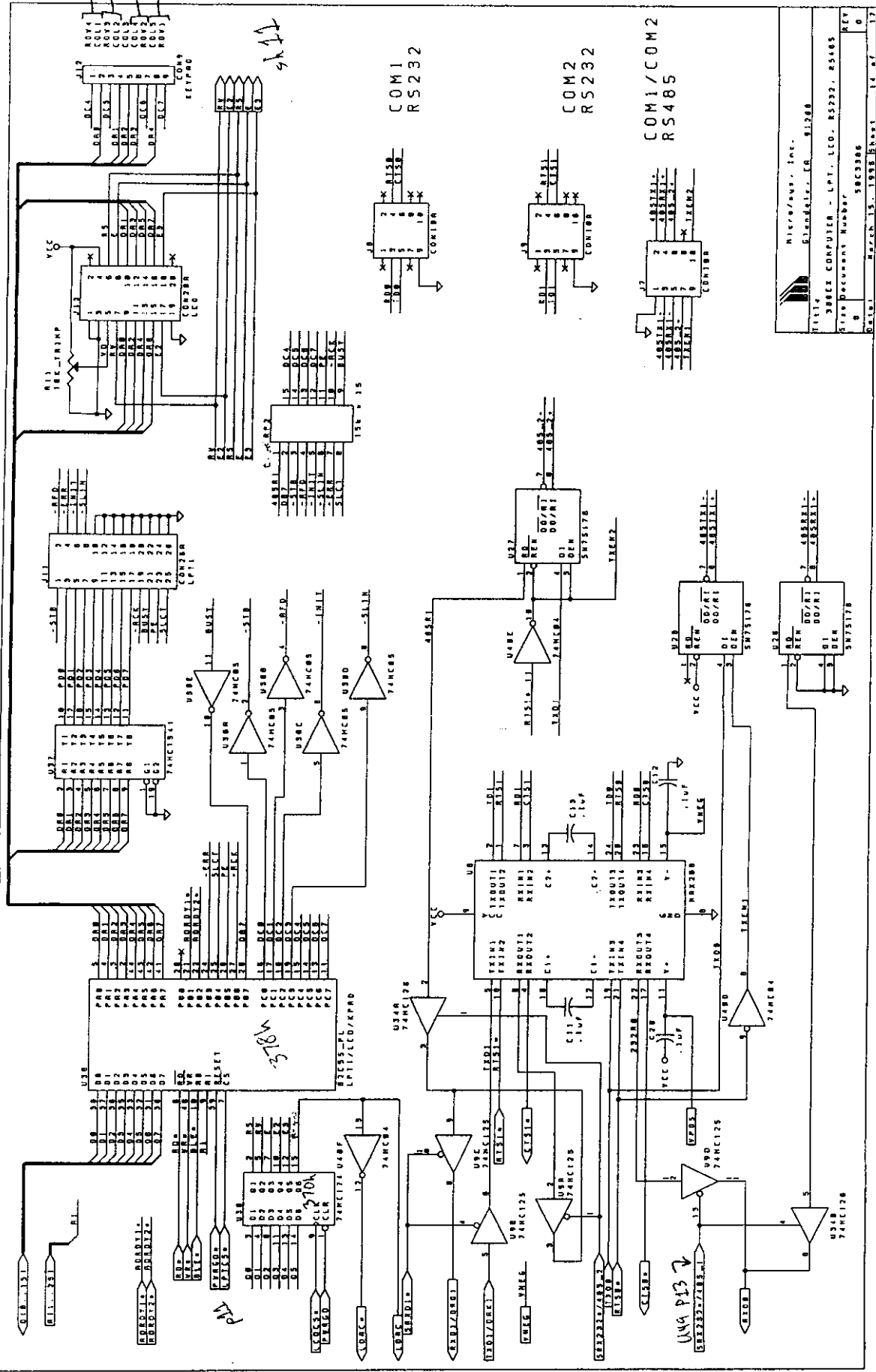
COM-B
RS232

COM-A
RS485

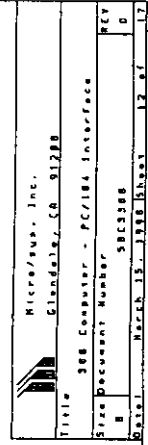


Micro/usb, Inc.
Sleedale, CO 81228
30000 Computer - SEC
REV
P
D
Date: March 13, 1988 Sheet 18 of 17

Read Keyboards
units



Microbus, Inc.	
Model	Standard, 10 91288
Serial Number	38888 COMPUTER - LPT, LCO, RS232, RS485
Stock Number	50C3306
Rev	0
Date	March 15, 1988
Drawn	14 07 12



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Size Document Number		
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Size Document Number		

