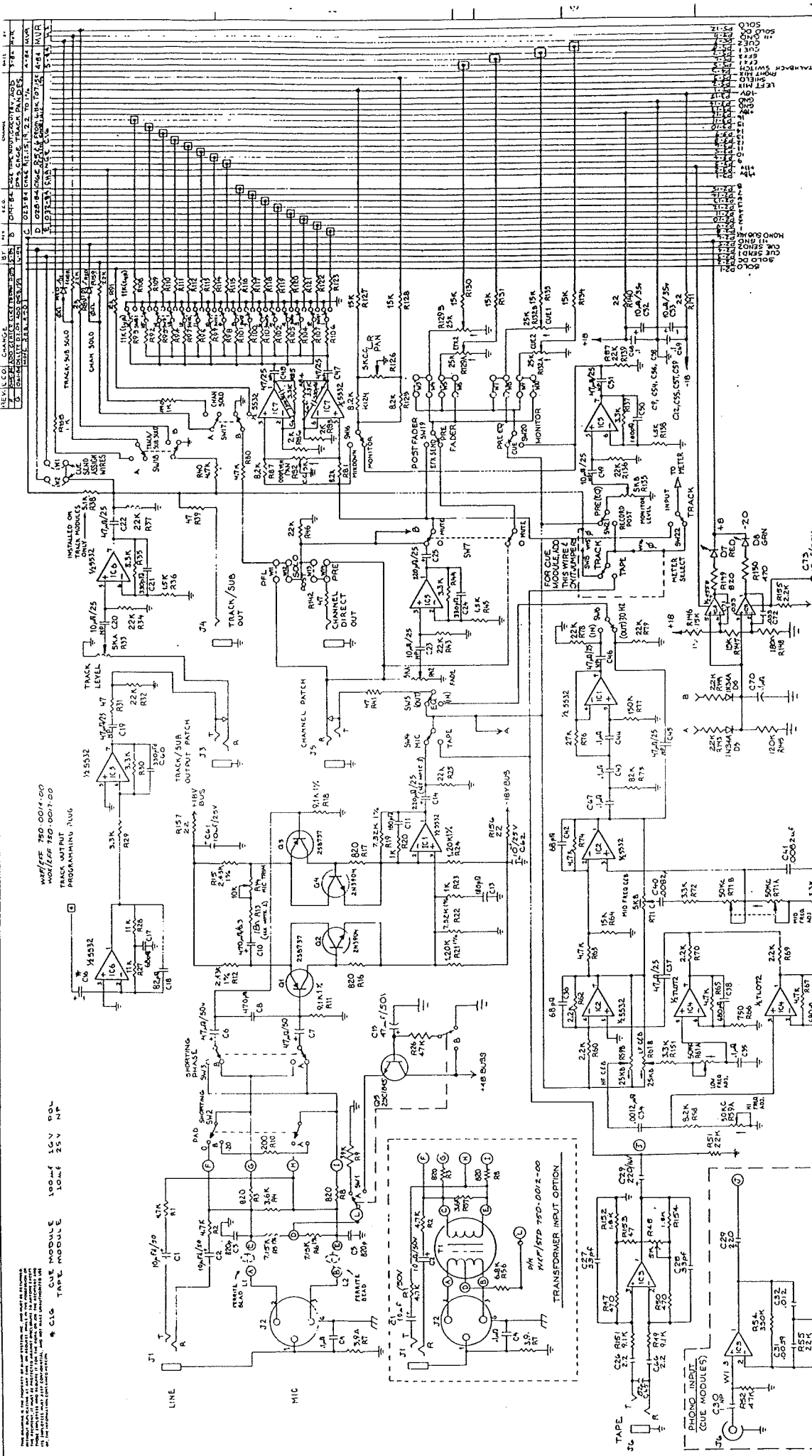


Bi-Mix

Schematic

B I A M P[®]

S Y S T E M S



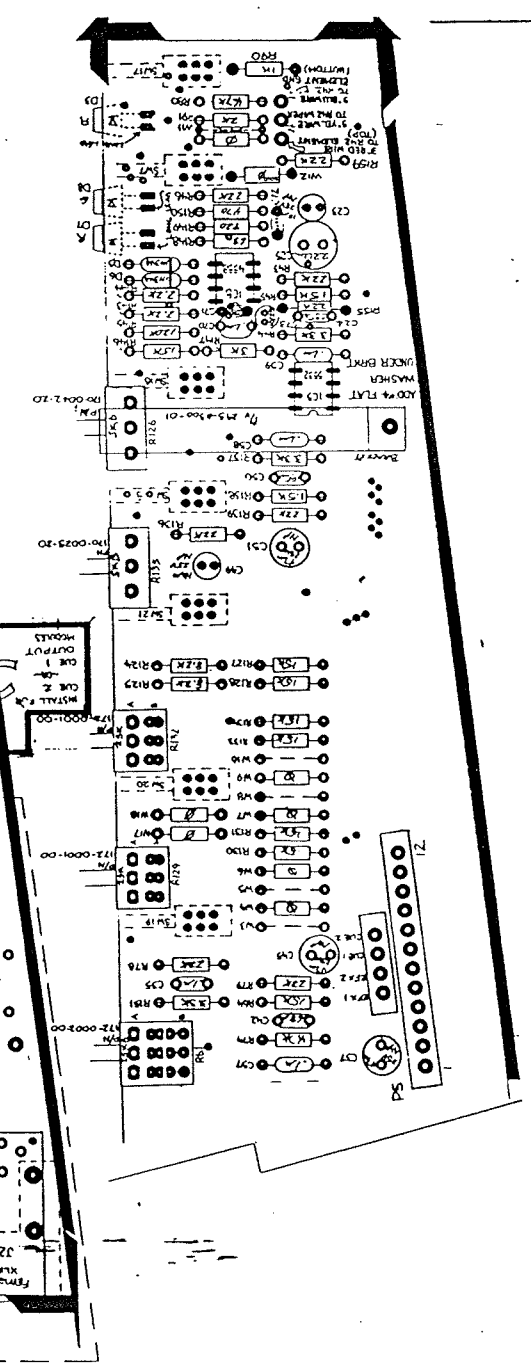
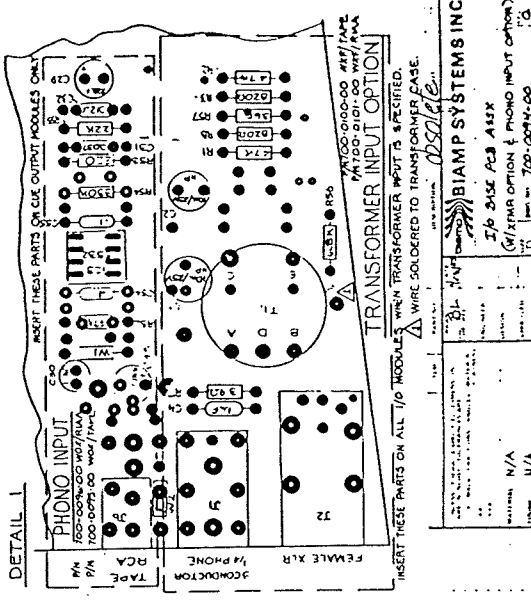
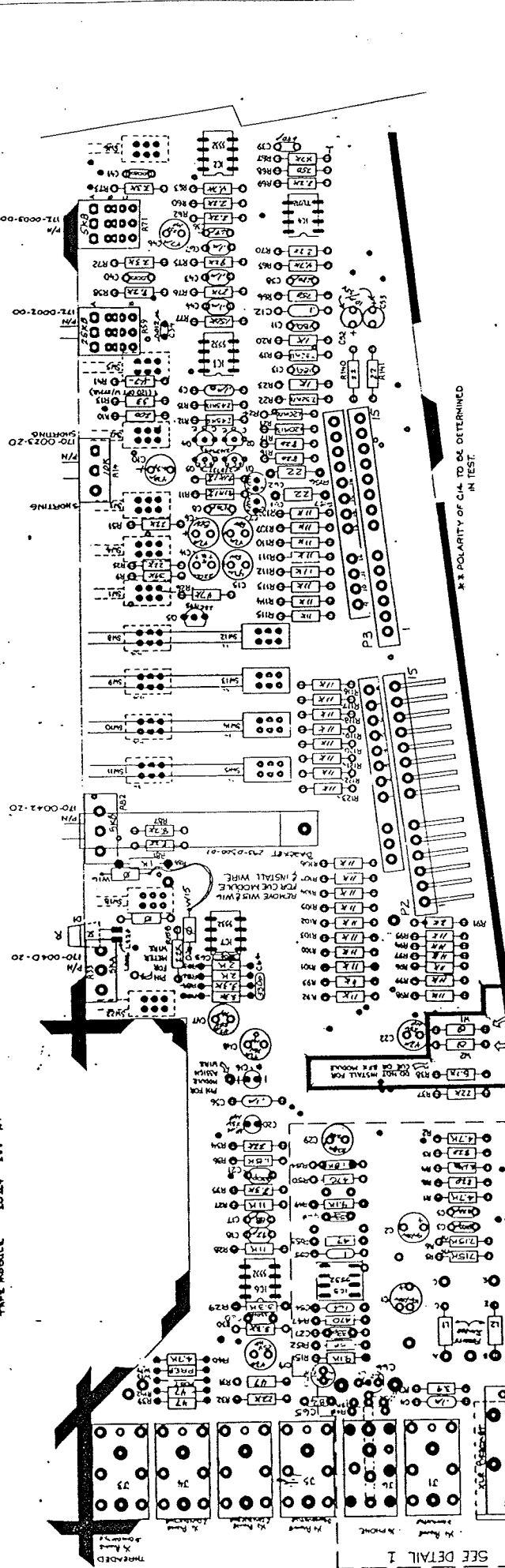
REV.	DATE	DESCRIPTION	BY	CHK.
1	10/15/70	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
2	11/10/70	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
3	12/15/70	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
4	01/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
5	02/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
6	03/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
7	04/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
8	05/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
9	06/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
10	07/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS

BIAMP SYSTEMS INC.
80 SERIES I/O MODULE
SCHEMATIC

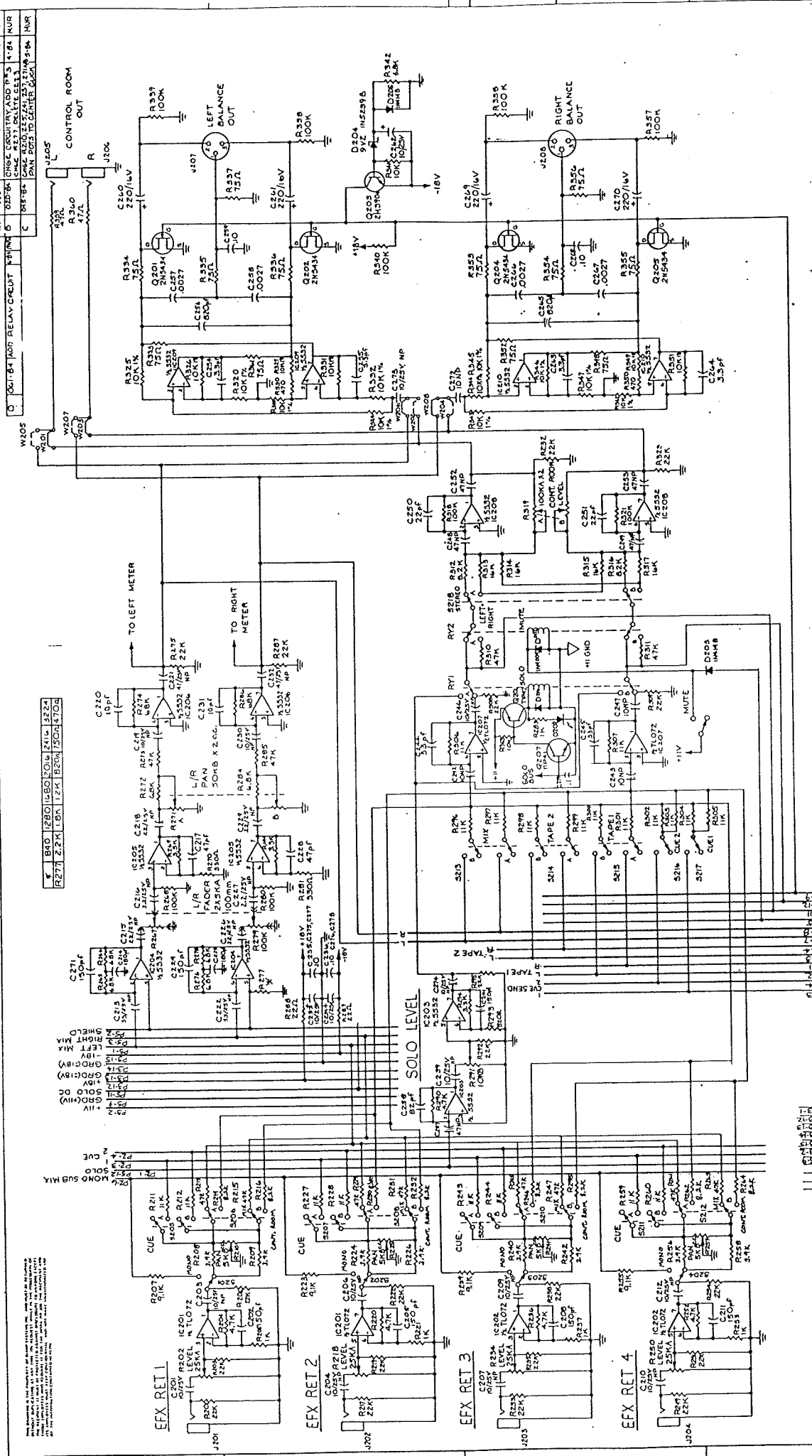
NOTES:
 1. ALL RESISTORS IN OHMS UNLESS OTHERWISE SPECIFIED.
 2. CHANGE R13 TO 120 OHMS WHEN USING XEAR SWITCH.
 3. QUALITY OF C4 IS DETERMINED IN TEST.

REV.	DATE	DESCRIPTION	BY	CHK.
1	10/15/70	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
2	11/10/70	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
3	12/15/70	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
4	01/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
5	02/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
6	03/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
7	04/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
8	05/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
9	06/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS
10	07/15/71	ISSUE FOR PRODUCTION	J. W. HARRIS	J. W. HARRIS

REV	DATE	BY	CHKD	DESCRIPTION
A	11-11-66	WJ	WJ	ORIG. CIRCUITRY
B	07-24-67	WJ	WJ	ORIG. CIRCUITRY
C	07-24-67	WJ	WJ	ORIG. CIRCUITRY
D	08-24-67	WJ	WJ	ORIG. CIRCUITRY
E	08-24-67	WJ	WJ	ORIG. CIRCUITRY



BIAMP SYSTEMS INC
174 BASE PCB 413X
(EXTRA OPTION & MONO INPUT OPTION)



REV.	DATE	DESCRIPTION
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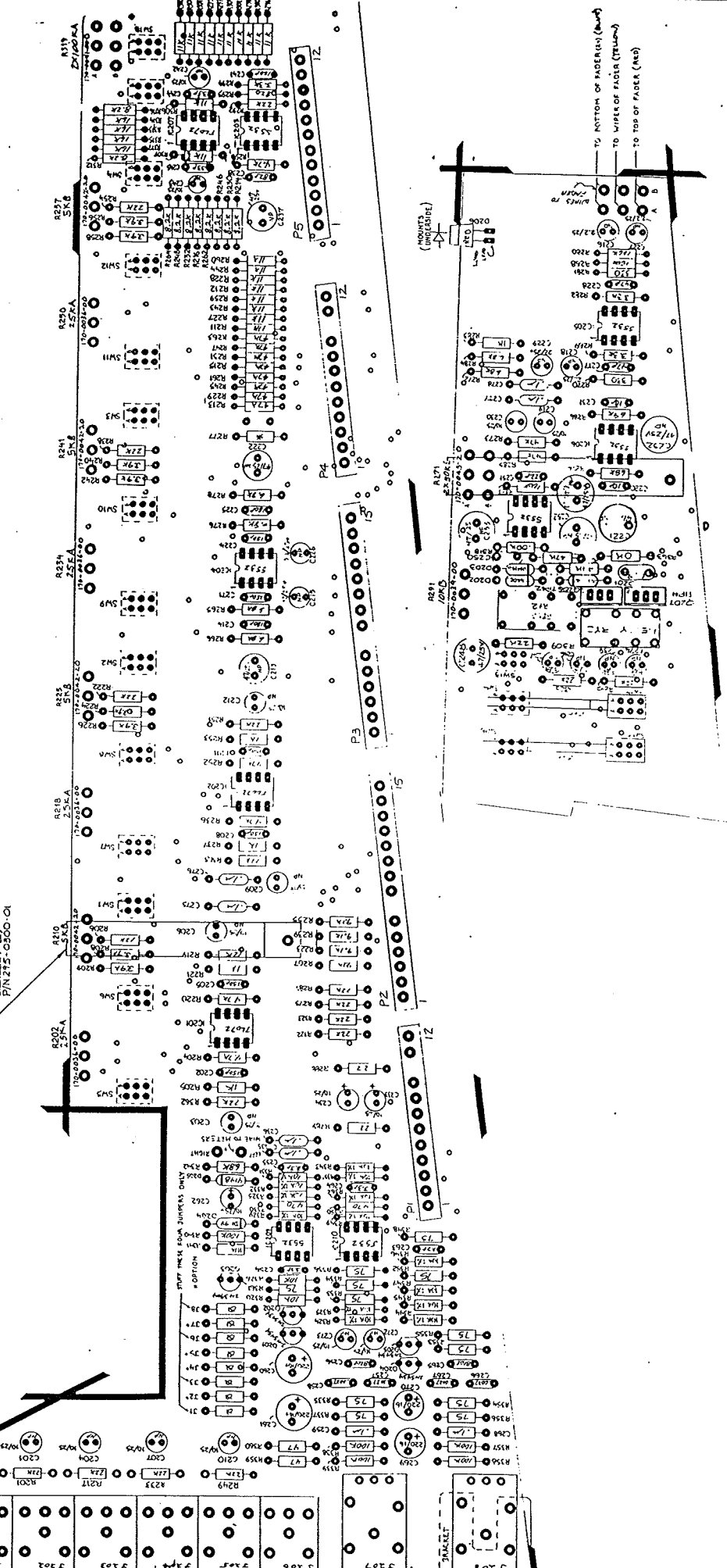
NOTE:
 1. ALL CAPACITORS IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
 2. ALL SWITCHES SHOWN IN OUT POSITION.

HIGHEST REF. DES.	REF. DES.	VALUE
R334	IC20	100K
C279	D207	100K
D207	D207	100K

REF. DES.	VALUE	REF. DES.	VALUE
R201	100K	R202	100K
R203	100K	R204	100K
R205	100K	R206	100K
R207	100K	R208	100K
R209	100K	R210	100K
R211	100K	R212	100K
R213	100K	R214	100K
R215	100K	R216	100K
R217	100K	R218	100K
R219	100K	R220	100K
R221	100K	R222	100K
R223	100K	R224	100K
R225	100K	R226	100K
R227	100K	R228	100K
R229	100K	R230	100K
R231	100K	R232	100K
R233	100K	R234	100K
R235	100K	R236	100K
R237	100K	R238	100K
R239	100K	R240	100K
R241	100K	R242	100K
R243	100K	R244	100K
R245	100K	R246	100K
R247	100K	R248	100K
R249	100K	R250	100K
R251	100K	R252	100K
R253	100K	R254	100K
R255	100K	R256	100K
R257	100K	R258	100K
R259	100K	R260	100K
R261	100K	R262	100K
R263	100K	R264	100K
R265	100K	R266	100K
R267	100K	R268	100K
R269	100K	R270	100K
R271	100K	R272	100K
R273	100K	R274	100K
R275	100K	R276	100K
R277	100K	R278	100K
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R281	100K	R282	100K
R283	100K	R284	100K
R285	100K	R286	100K
R287	100K	R288	100K
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R291	100K	R292	100K
R293	100K	R294	100K
R295	100K	R296	100K
R297	100K	R298	100K
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R301	100K	R302	100K
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R591	100K	R592	100K
R593	100K	R594	100K
R595	100K	R596	100K

1	1.14	MOVED C252 CAPACITRY
2	0.00-84	DELETE C225 ON R 377
3	0.00-84	DELETE R210 ON R 377
4	0.00-84	DELETE R210 ON R 377
5	0.00-84	DELETE R210 ON R 377
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9	0.00-84	DELETE R210 ON R 377
10	0.00-84	DELETE R210 ON R 377

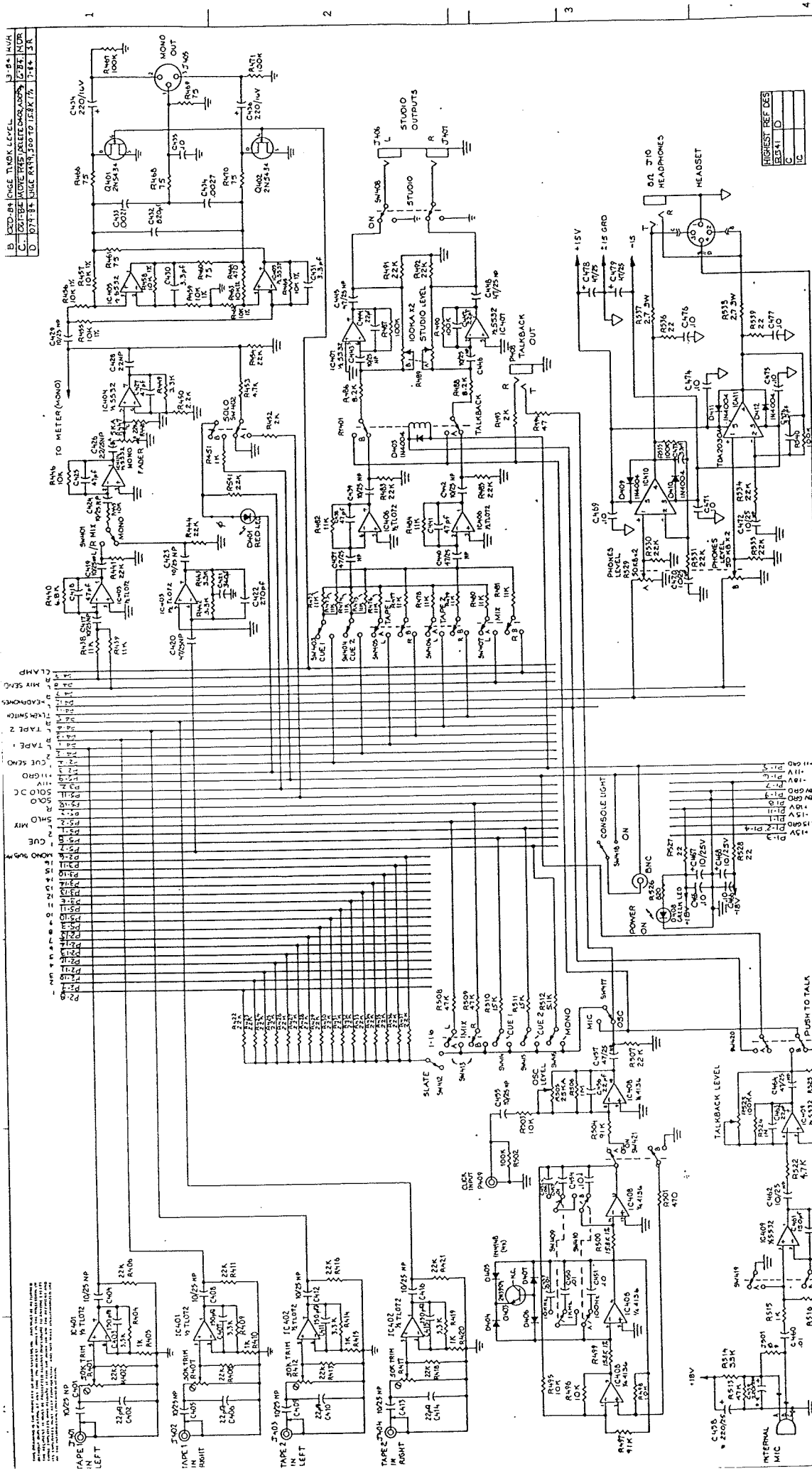
BRACKET (2)
PIN 215-0300-01



BIAMP SYSTEMS INC.
BIRMG ST. MICHIGAN MODULE
701-0097-00

A B C D E F G

A B C D E F G



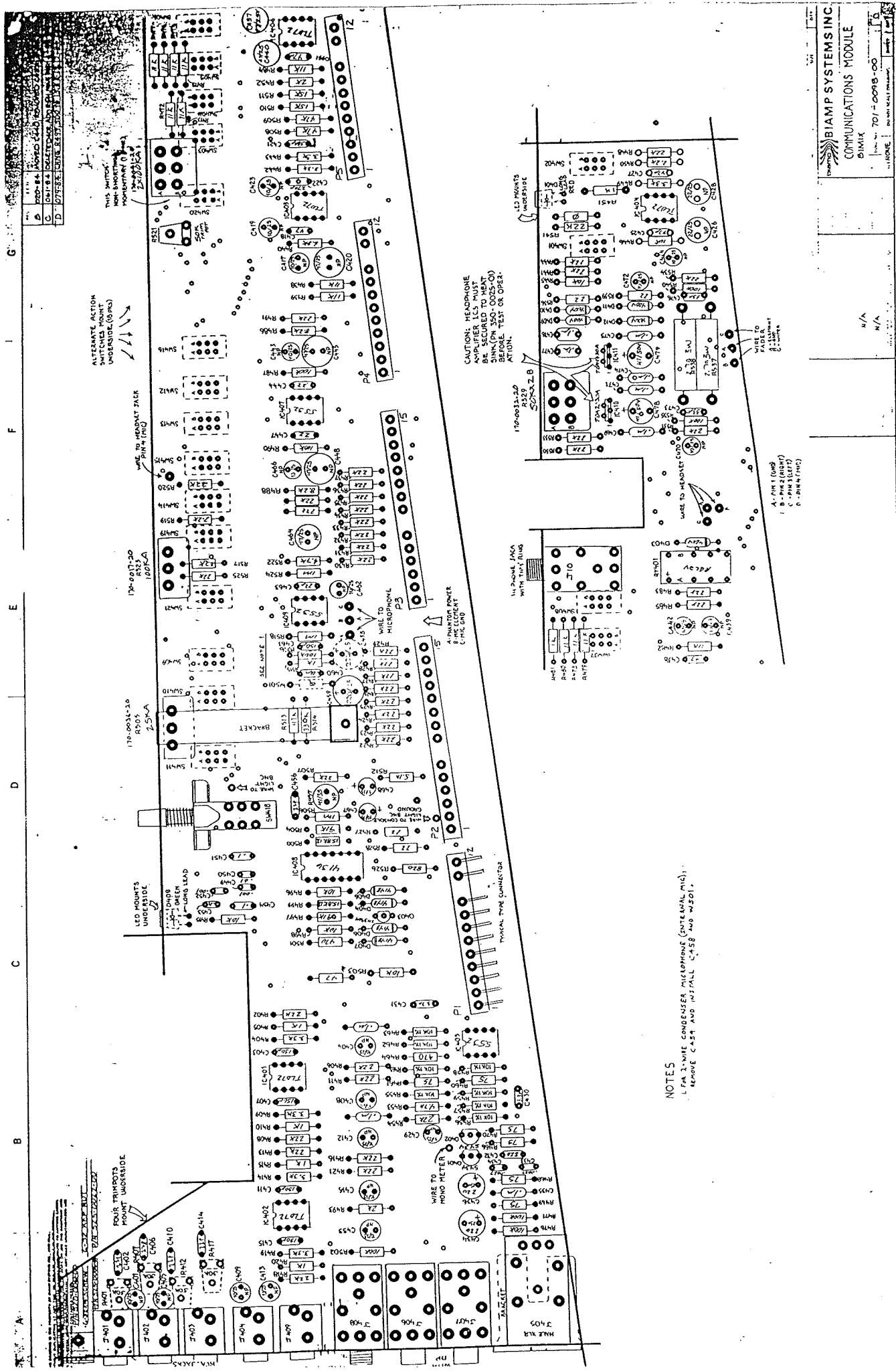
B. 100K-50K LONG TANK LEVEL
 C. 100K-50K SHORT TANK LEVEL
 D. 100K-50K LONG TANK LEVEL

REV.	DATE	DESCRIPTION
1		INITIAL DESIGN
2		REVISION
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6		REVISION
7		REVISION
8		REVISION
9		REVISION
10		REVISION

BIAMP SYSTEMS INC.
COMMUNICATIONS MODULE
SCHEMATIC
 PART NO. 750-001-D-00
 DATE: 11/15/78
 DRAWN BY: J. J. JONES
 CHECKED BY: J. J. JONES
 APPROVED BY: J. J. JONES

NOTES:
 1. ALL CAPACITORS IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
 2. ALL RESISTORS IN OHMS UNLESS OTHERWISE SPECIFIED.

* ADD FOR 3 WIRE MIC
 * REMOVE FOR 2 WIRE MIC



BIAMP SYSTEMS INC.
COMMUNICATIONS MODULE
BIMIX
701-0098-00
N/A
N/A

NOTES
1. FEA 2-WIRE CONDENSER MICROPHONE (INTERNAL MIC).
REMOVE C457 AND INSTALL C458 AND W301.

A - PIN 1 (LEFT)
B - PIN 2 (RIGHT)
C - PIN 3 (LEFT)
D - PIN 4 (RIGHT)

CAUTION: HEADPHONE AMPLIFIER IS CURRENTLY IN STANDBY MODE TO PREVENT BURNING OF EAR DRUMS. TEST ON OPERATOR BEFORE TEST OR OPERATION.

ALTERNATE ACTION SWITCHES MOUNT UNDERSIDE (OPNS)

THIS SWITCH NON-SHORTING MOUNTING (OPNS)

110-0034-30 R205 2.5MA

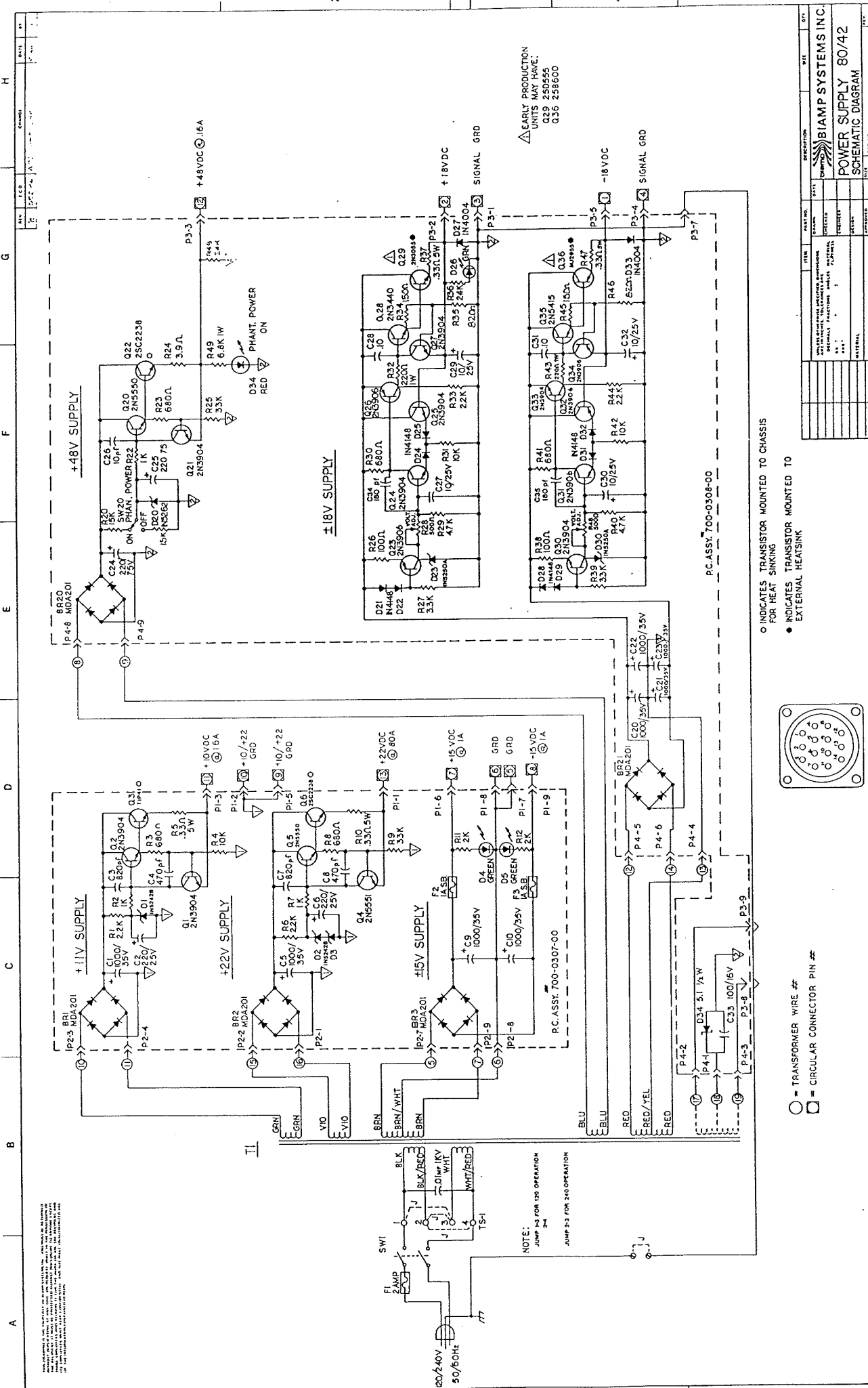
110-0034-30 R205 2.5MA

110-0034-30 R205 2.5MA

110-0034-30 R205 2.5MA

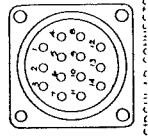
110-0034-30 R205 2.5MA

110-0034-30 R205 2.5MA



△ EARLY PRODUCTION UNITS MAY HAVE Q36 25D565 Q36 25B600

○ INDICATES TRANSISTOR MOUNTED TO CHASSIS FOR HEAT SINKING
 ● INDICATES TRANSISTOR MOUNTED TO EXTERNAL HEATSINK

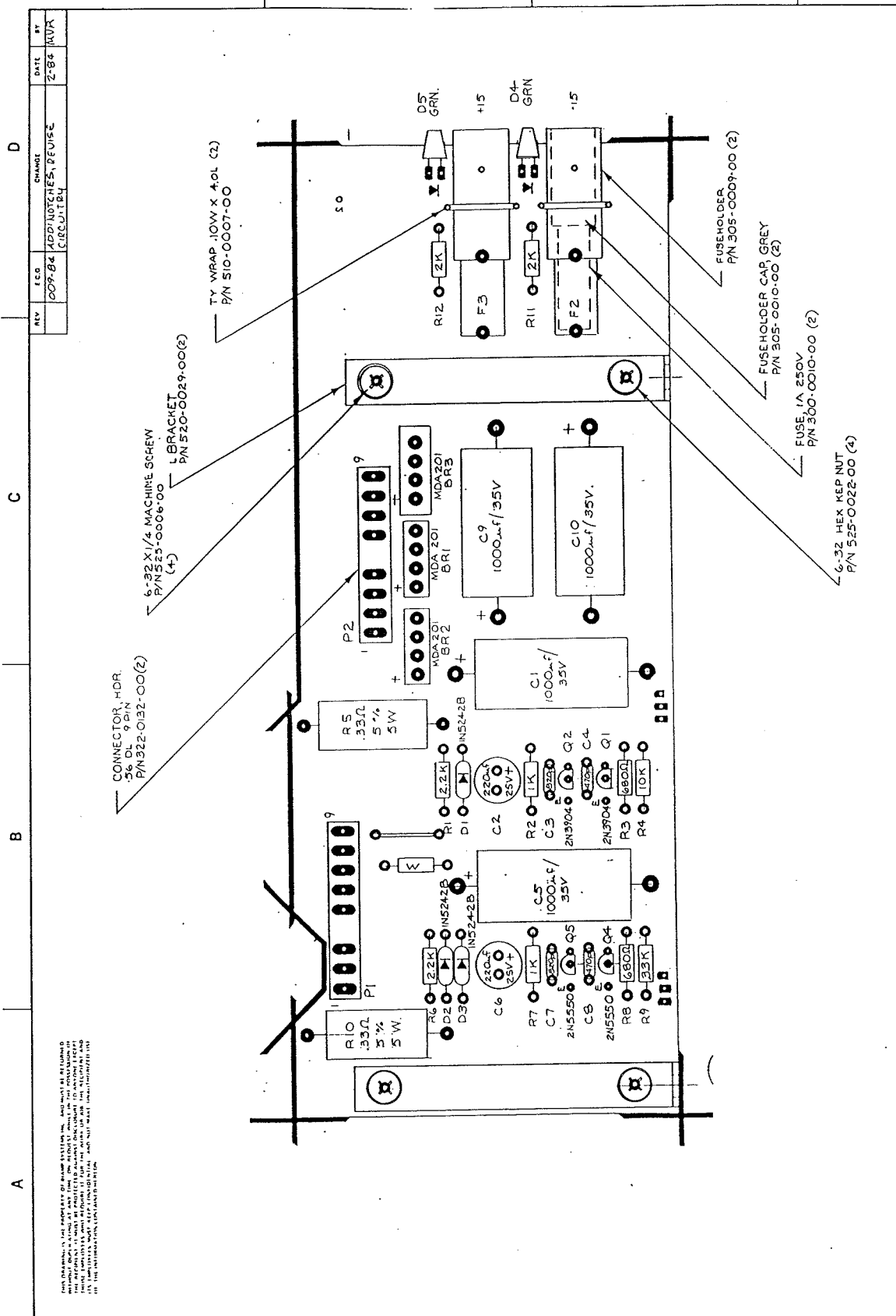


○ = TRANSFORMER WIRE #
 □ = CIRCULAR CONNECTOR PIN #

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BIAMP SYSTEMS INC.
 POWER SUPPLY 80/42
 SCHEMATIC DIAGRAM

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REV	ECO	CHANGE	DATE	BY
009-B4		ADDITIONAL RESISTOR CIRCULARITY	2-84	MAA

ITEM	DESCRIPTION	QTY
1	BIAMP SYSTEMS, INC.	
2	BIAMP SYSTEMS, INC.	
3	BIAMP SYSTEMS, INC.	
4	BIAMP SYSTEMS, INC.	

REV	ECO	CHANGE	DATE	BY
009-B4		ADDITIONAL RESISTOR CIRCULARITY	2-84	MAA

REV	ECO	CHANGE	DATE	BY
009-B4		ADDITIONAL RESISTOR CIRCULARITY	2-84	MAA

REV	ECO	CHANGE	DATE	BY
009-B4		ADDITIONAL RESISTOR CIRCULARITY	2-84	MAA

