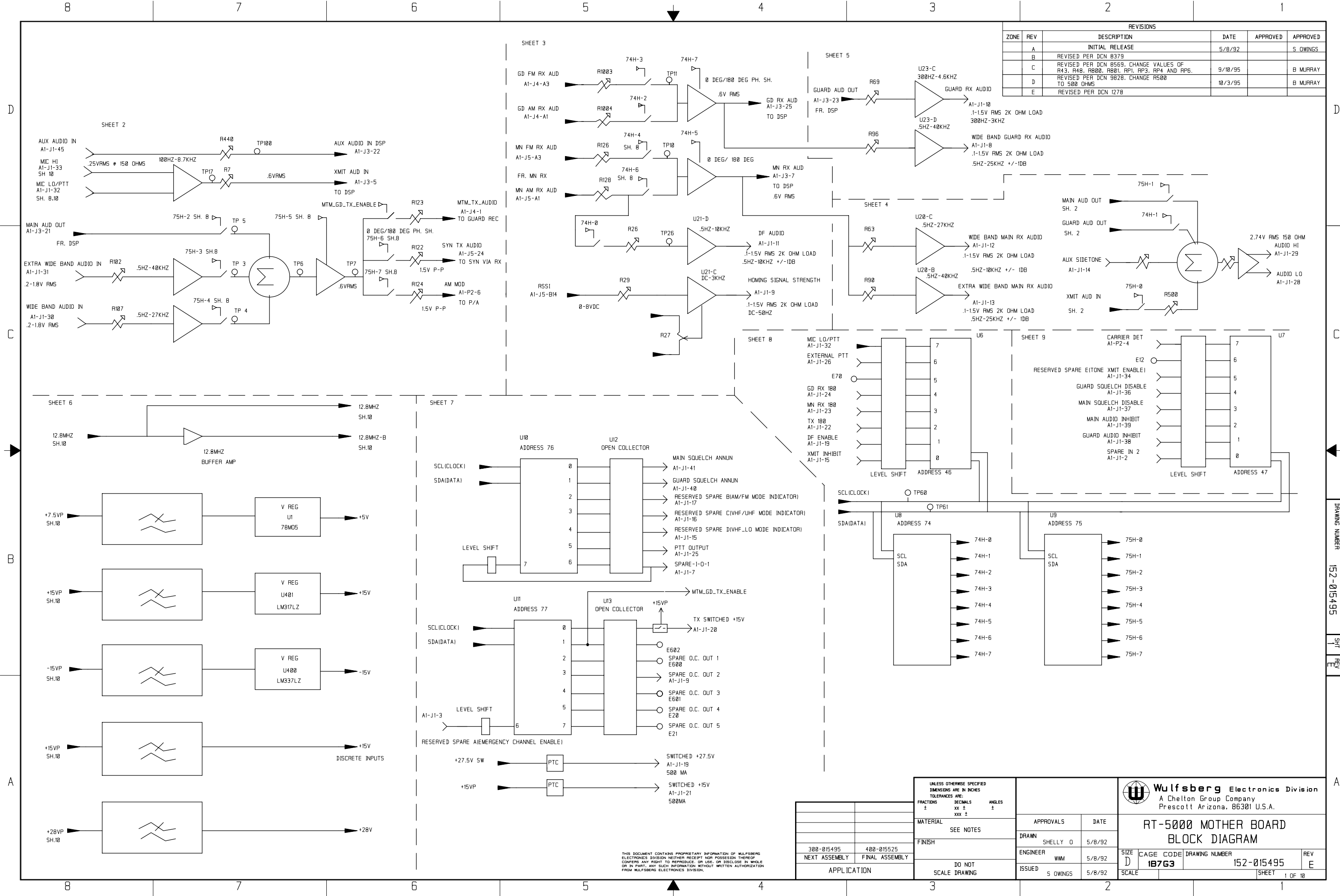


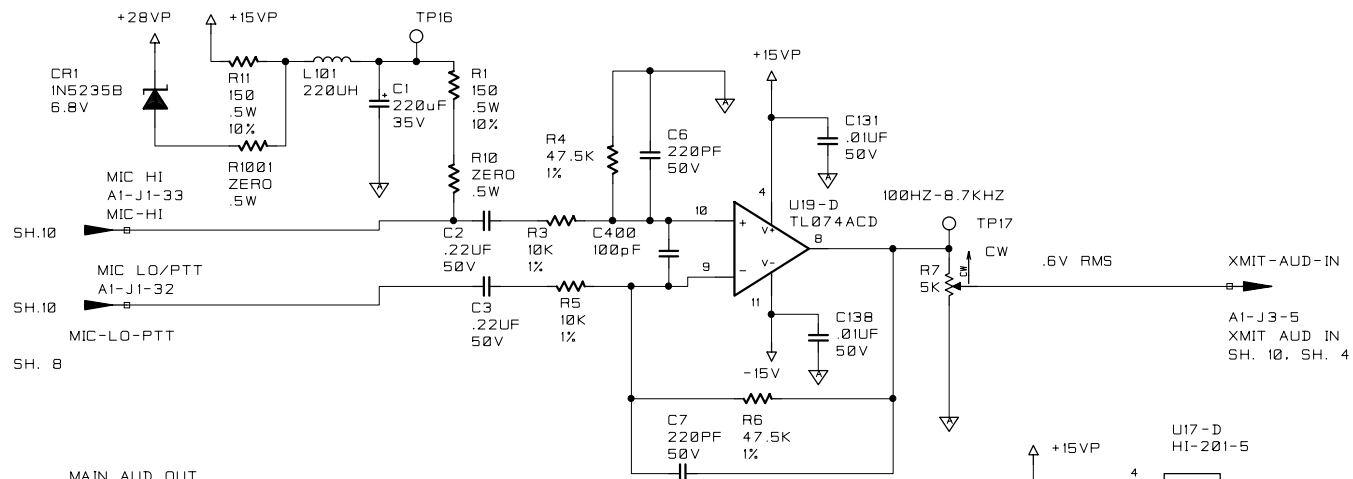
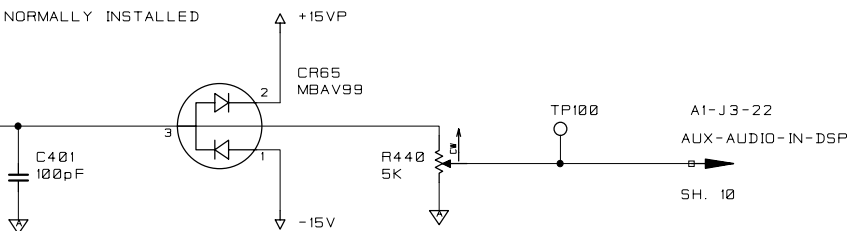


NOTES

- 1) UNLESS OTHERWISE SPECIFIED
A) ALL CAPACITORS 50V
B)ALL RESISTORS 1/8W, 1%
2) CR1,R137 AND R1001 NOT NORMALLY INSTALLED

A1-J1-9
AUX-AUDIO-IN

SH. 10



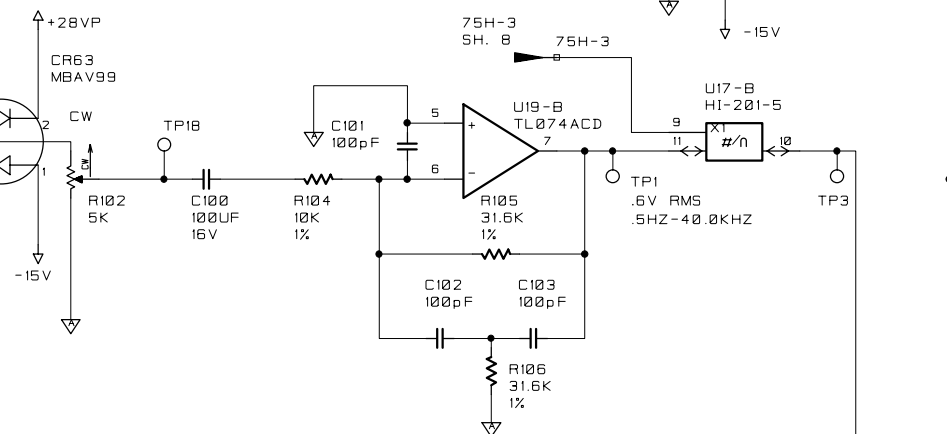
MAIN AUD OUT
MAIN-AUD-OUT

SH.10 .6V RMS

A1-J3-21
FR. DSP

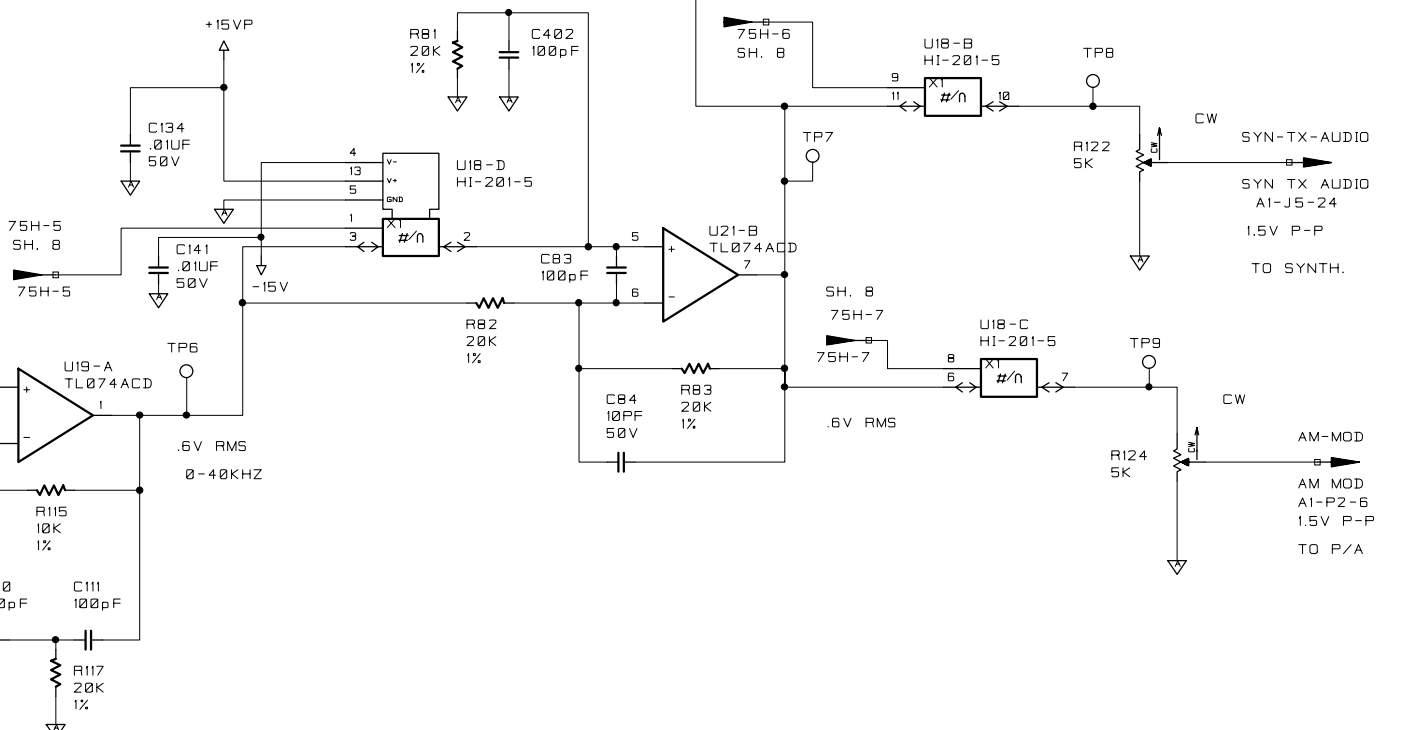
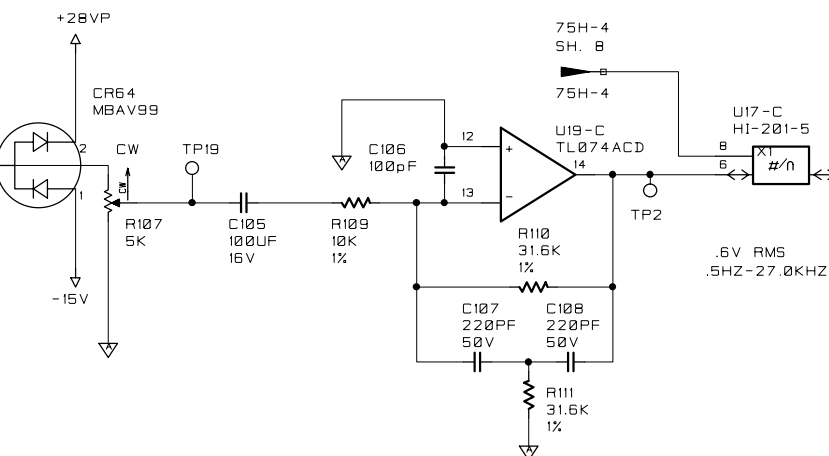
EXTRA-WIDE-BAND-AUDIO-IN
EXTRA-WIDE-BAND-AUDIO-IN

A1-J1-31
SH.10



WIDE-BAND-AUDIO-IN
WIDE-BAND-AUDIO-IN

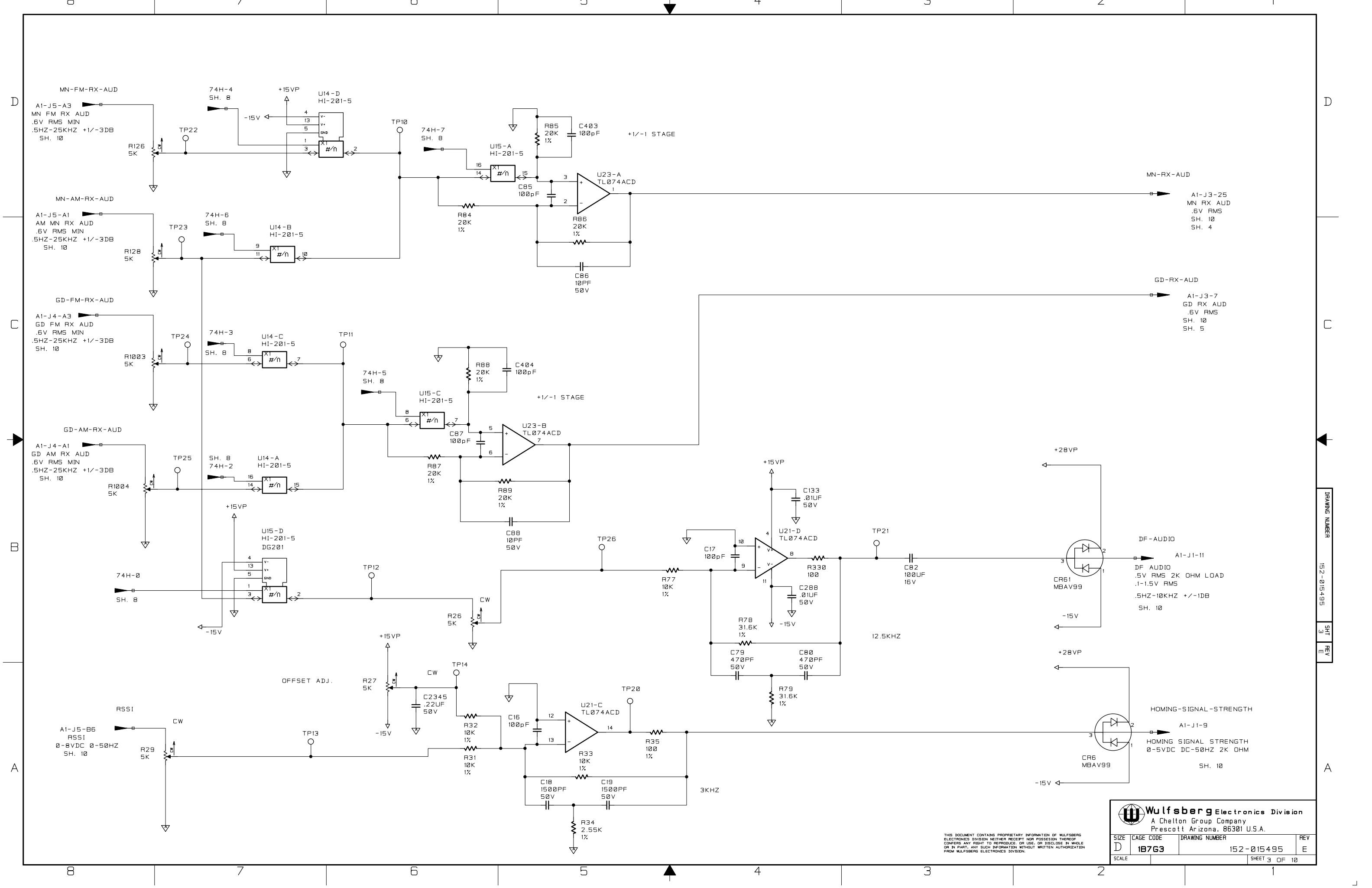
A1-J1-30
SH.10



Wulfsberg Electronics Division
A Chelton Group Company
Prescott Arizona, 86301 U.S.A.

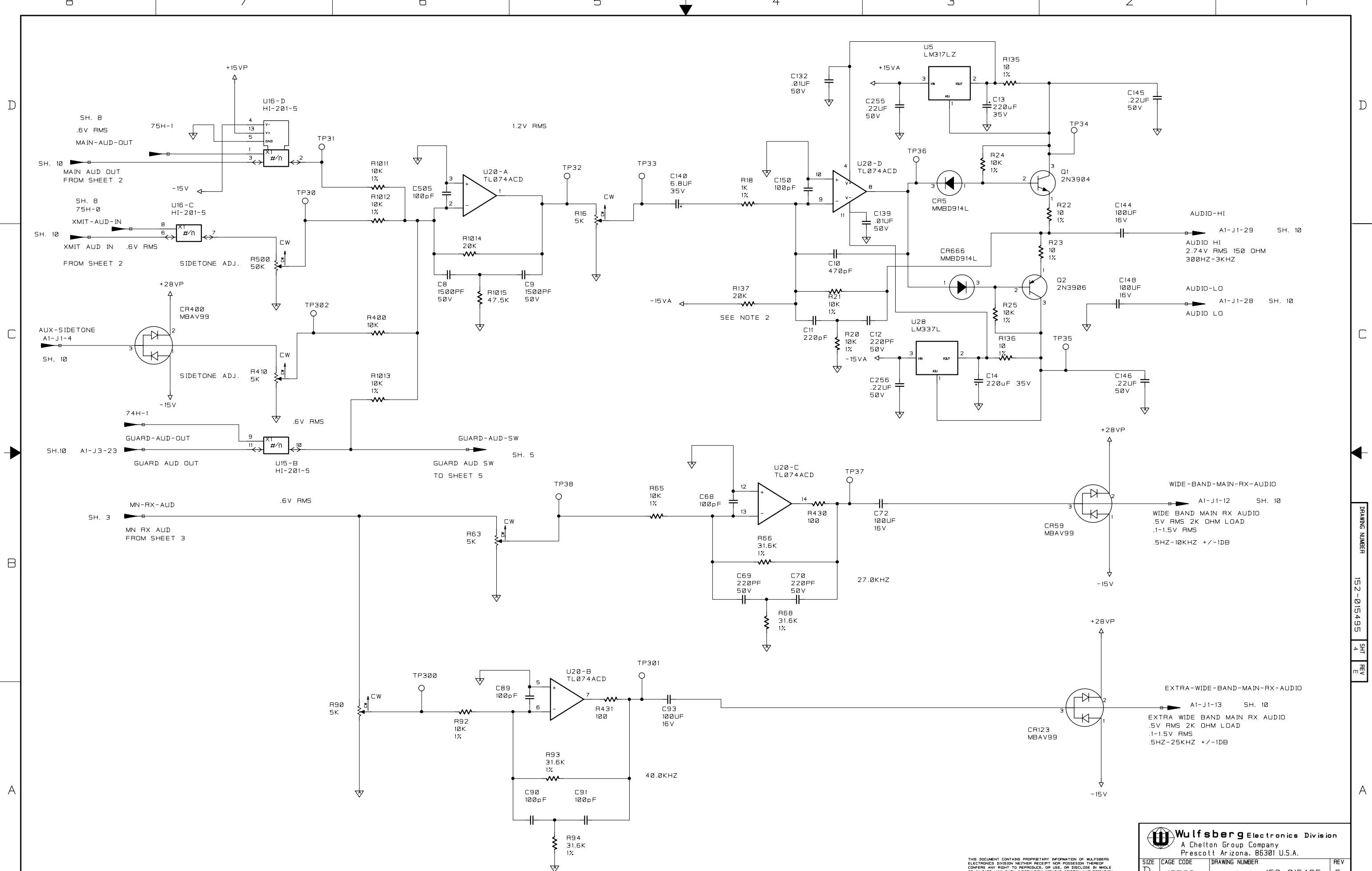
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D	1B7G3	152-015495	E
SCALE		SHEET 2 OF 10	

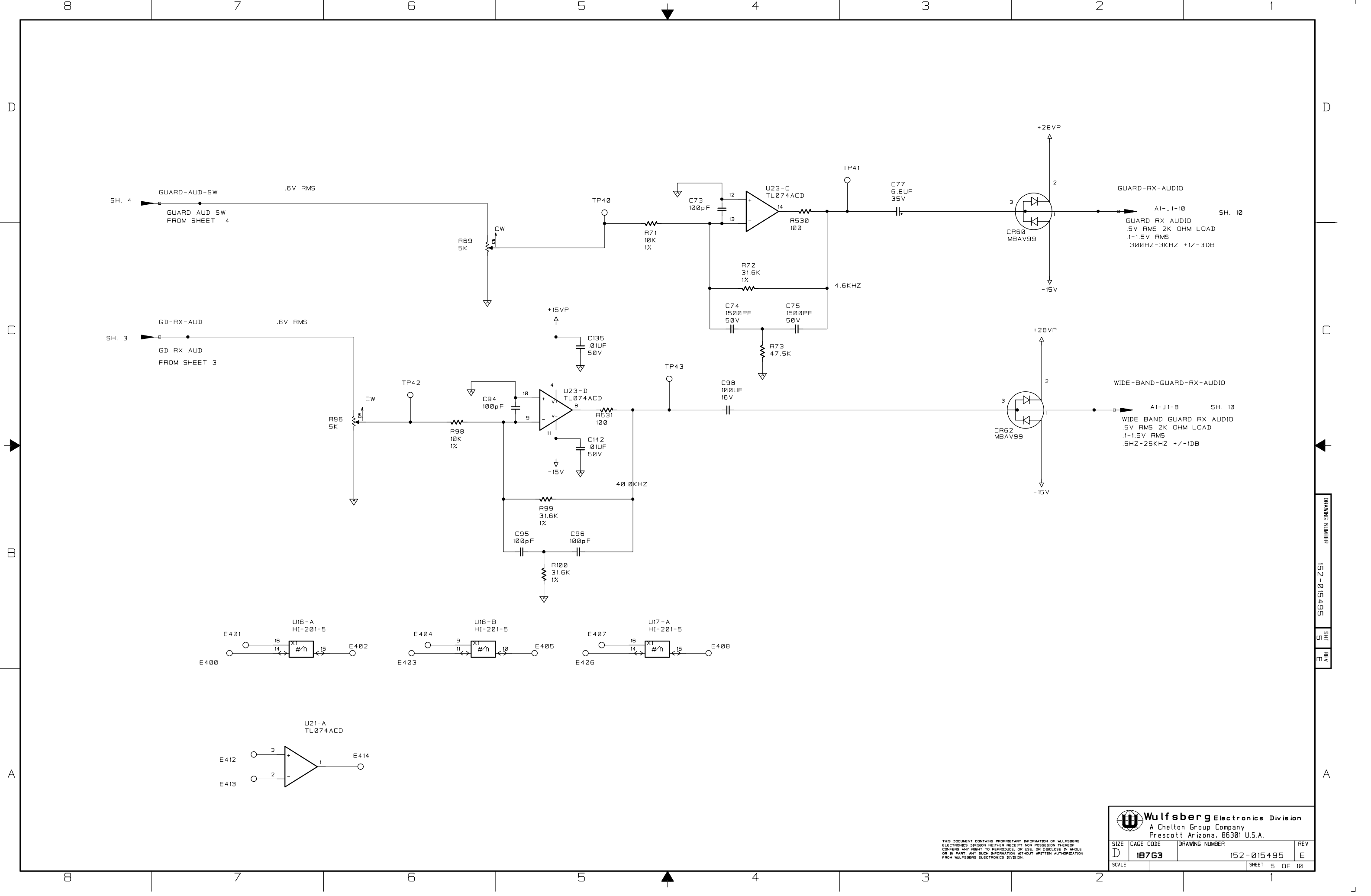
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SIZE D	CAGE CODE 187G3	DRAWING NUMBER 152-015495	REV E
SCALE		SHEET 3 OF 10	



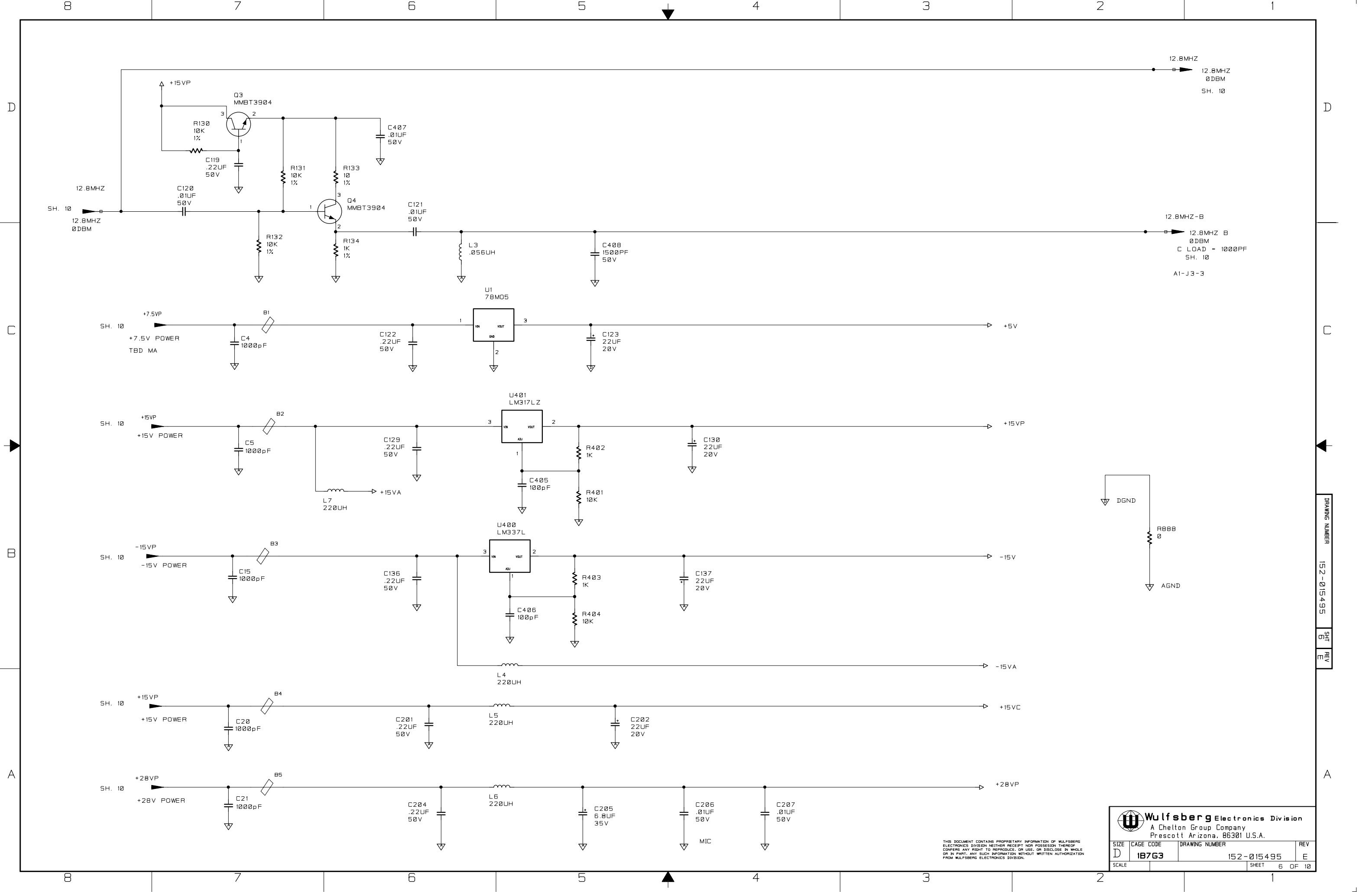


DRAWING NUMBER 152-015495
SHEET 5
REV E

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Prescott Arizona, 86301 U.S.A.

SIZE D	CAGE CODE 1B7G3	DRAWING NUMBER 152-015495	REV E
SCALE		SHEET 5 OF 10	



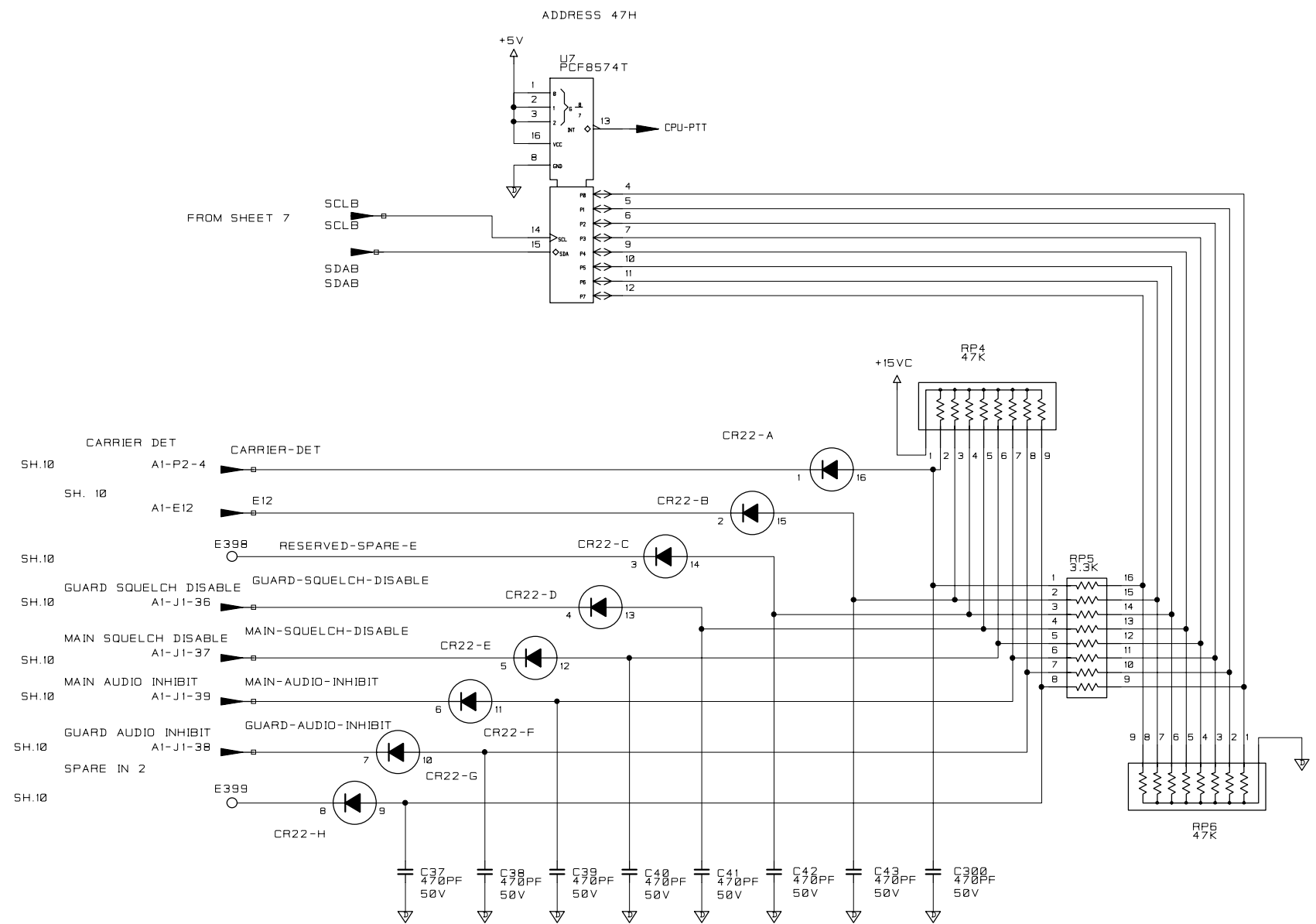
DRAWING NUMBER 152-015495
SHEET 6 OF 10
REV E



Wulfsberg Electronics Division
A Chelton Group Company
Prescott Arizona, 86301 U.S.A.

SIZE D	CAGE CODE 1B7G3	DRAWING NUMBER 152-015495	REV E
SCALE		SHEET 6 OF 10	

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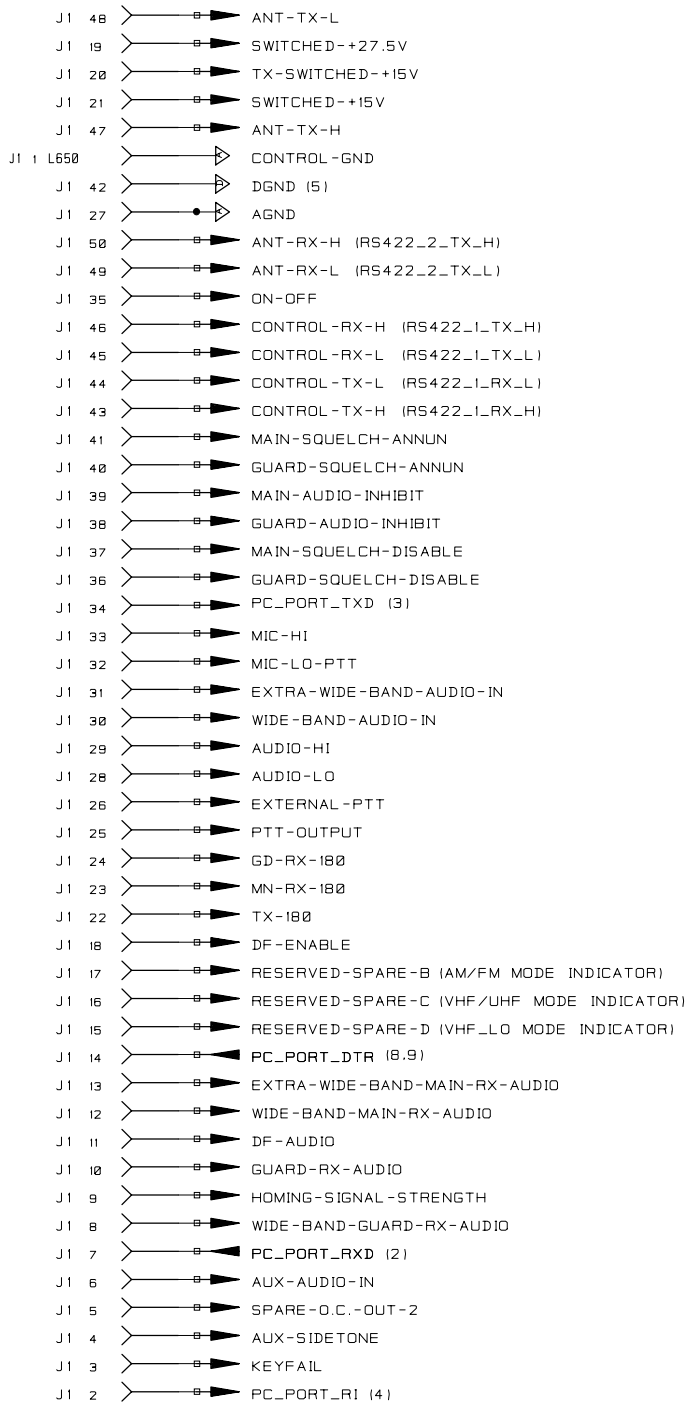
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SIZE	CAGE CODE	DRAWING NUMBER	REV
D	1B7G3	152-015495	E
SCALE	SHEET 9 OF 10		

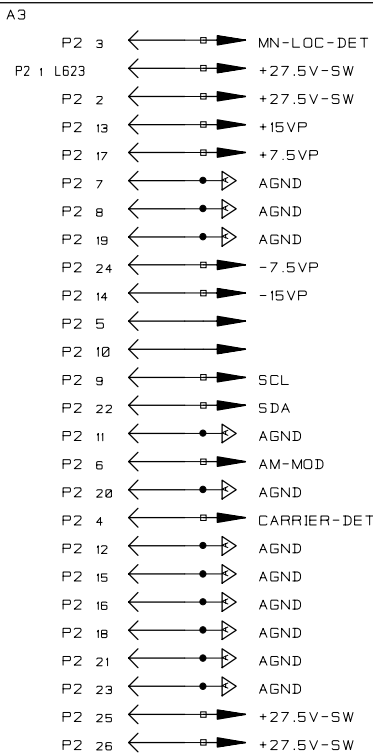
DRAWING NUMBER 152-015495
SHEET 9 OF 10

NOTE:
NUMBERS IN () ON A1-J1 CORRESPOND TO
RSS PC RS232 (9-PIN)

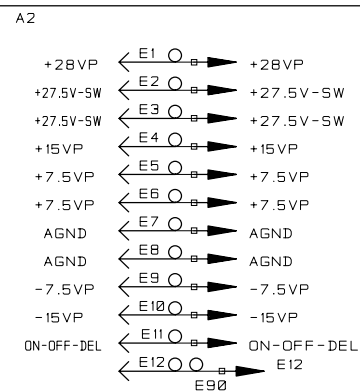
A1-J1 SYSTEM I/O



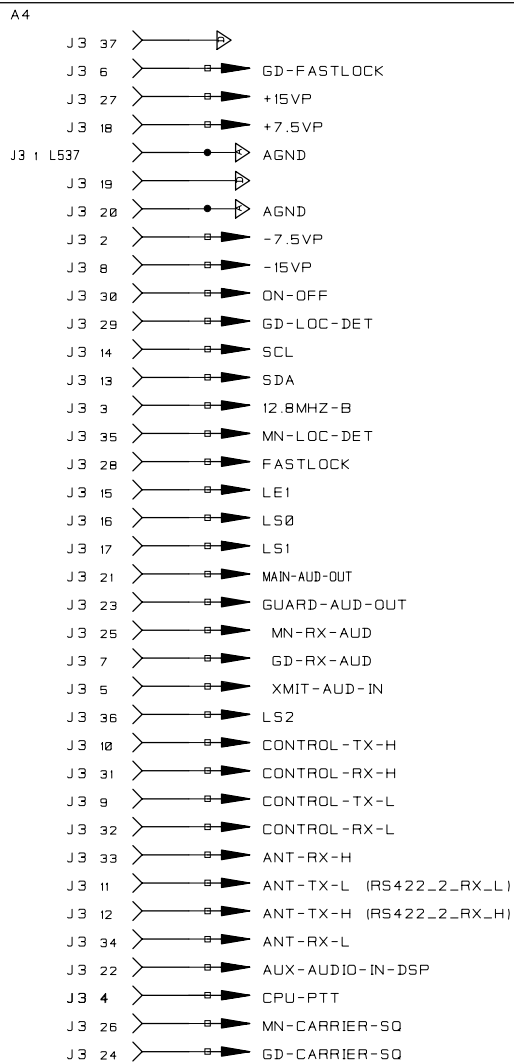
A1-P2 TRANSMITTER



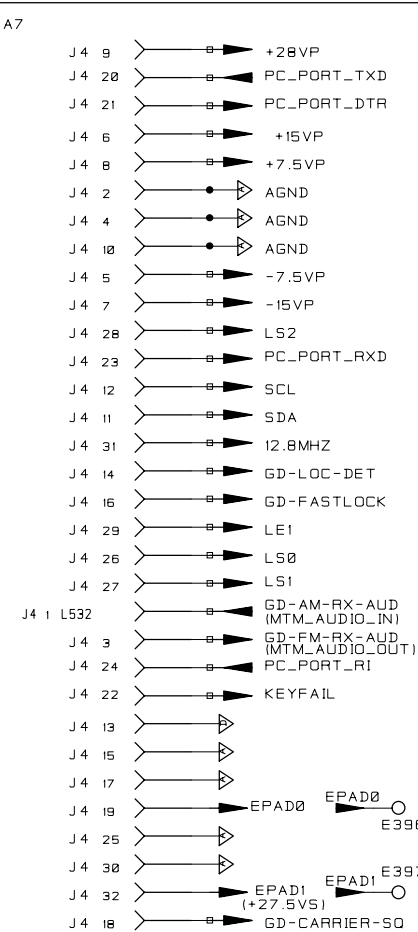
A1-P6 POWER SUPPLY



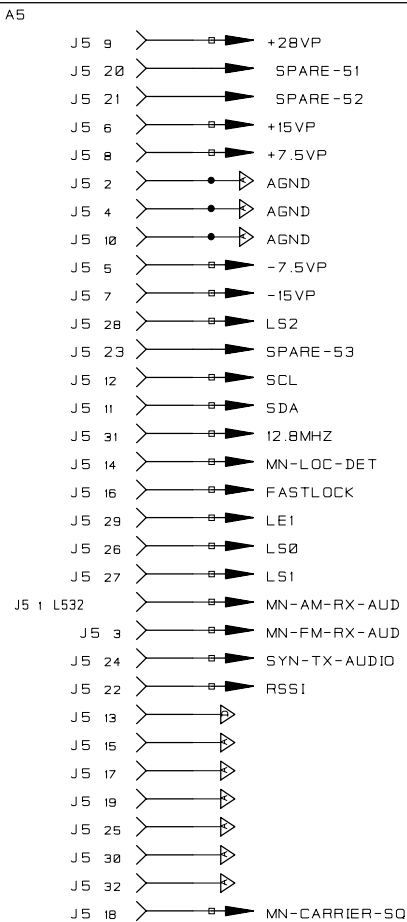
A1-J3 CPU-DSP



A1-J4 GUARD RECEIVER



A1-J5 MAIN RECEIVER



PWB MOUNTING HOLES

OH1
OH2
OH3
OH10
OH11
OH12

NON PLATED HOLES .250 DIA

OH4
OH7
OH8
OH9

NON PLATED HOLES .275 DIA

OH5
OH6
OH13
OH14

NON PLATED HOLES .312 DIA

OH TX

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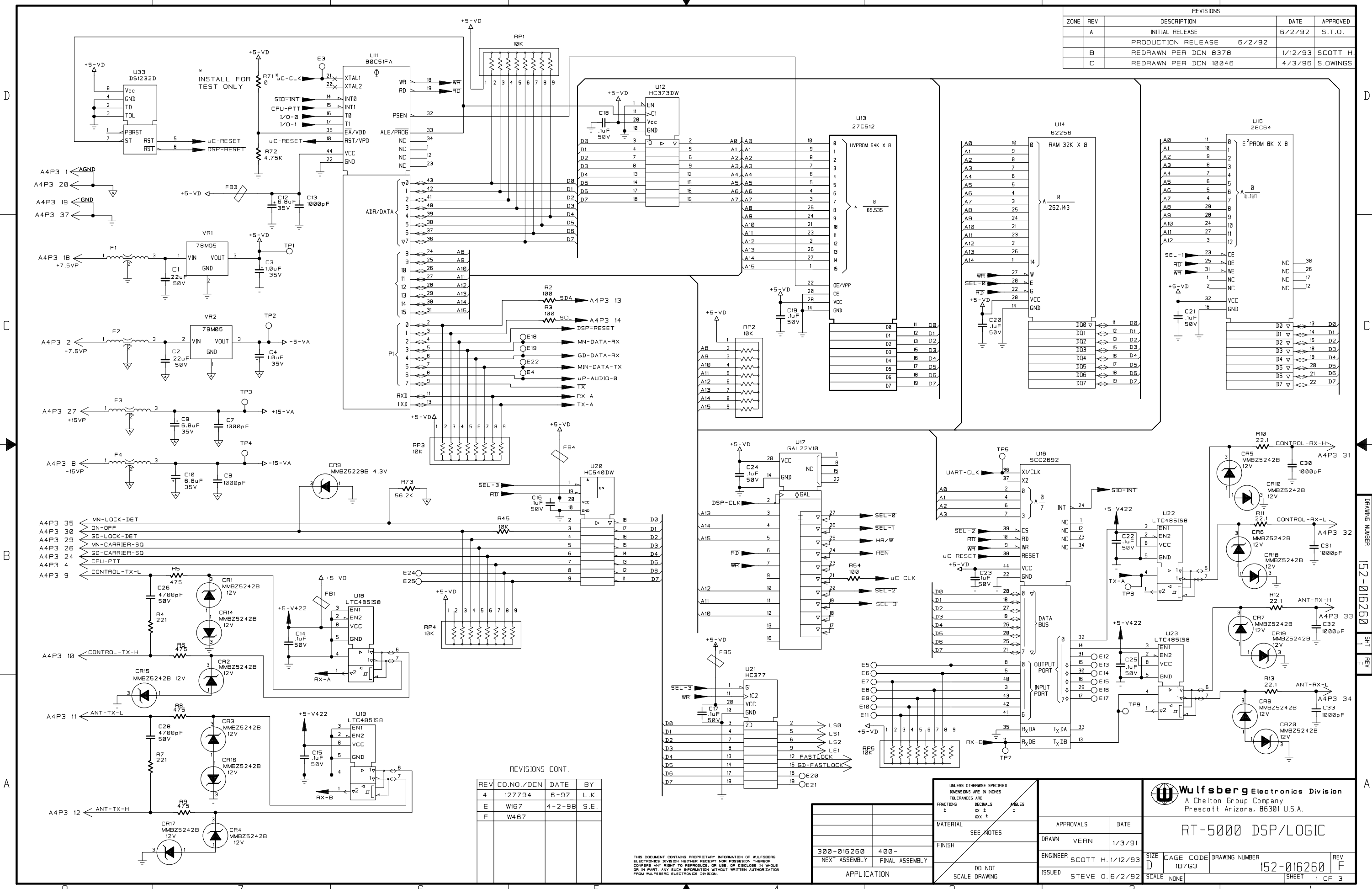
SIZE	CAGE CODE	DRAWING NUMBER	REV
D	187G3	152-015495	E
SCALE		SHEET 10 OF 10	

DRAWING NUMBER

152-015495

SHEET
10
REV
E

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	6/2/92	S.T.O.
	B	PRODUCTION RELEASE	6/2/92	
	B	REDRAWN PER DCN 8378	1/12/93	SCOTT H.
	C	REDRAWN PER DCN 10046	4/3/96	S.OWINGS



REV	CO.NO./DCN	DATE	BY
4	127794	6-97	L.K.
E	W167	4-2-98	S.E.
F	W467		

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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± ± ±
MATERIAL SEE NOTES
FINISH
DO NOT SCALE DRAWING

APPROVALS DATE

DRAWN VERN 1/3/91

ENGINEER SCOTT H. 1/12/93

ISSUED STEVE O. 6/2/92

Wulfsberg Electronics Division

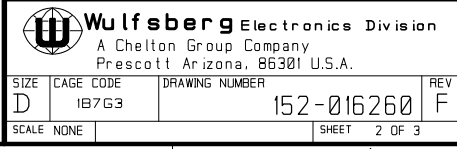
A Chelton Group Company

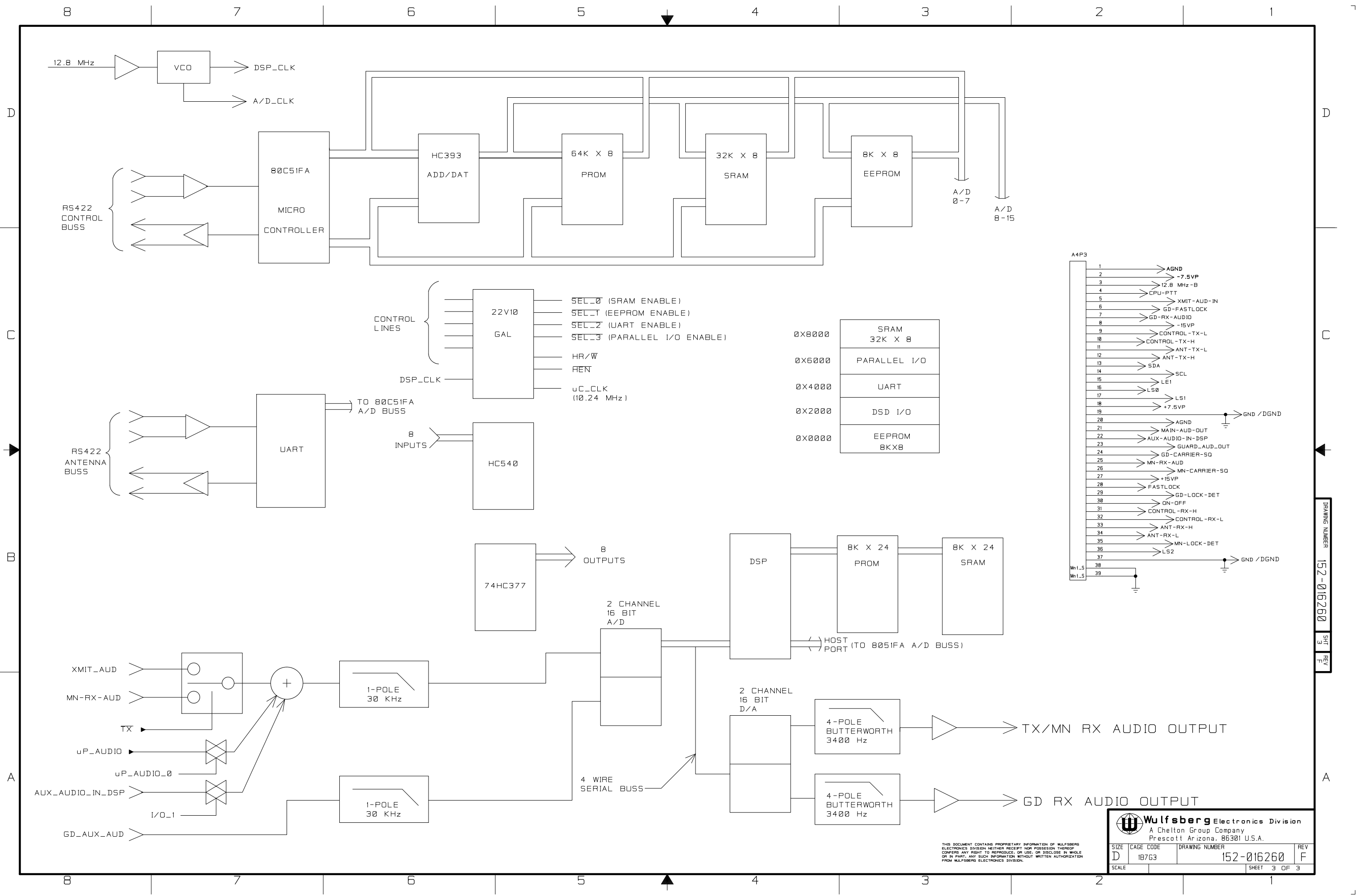
Prescott Arizona, 86301 U.S.A.

RT-5000 DSP/LOGIC

SIZE D CAGE CODE 1B7G3 DRAWING NUMBER 152-016260 REV F

SCALE NONE SHEET 1 OF 3





A4P3

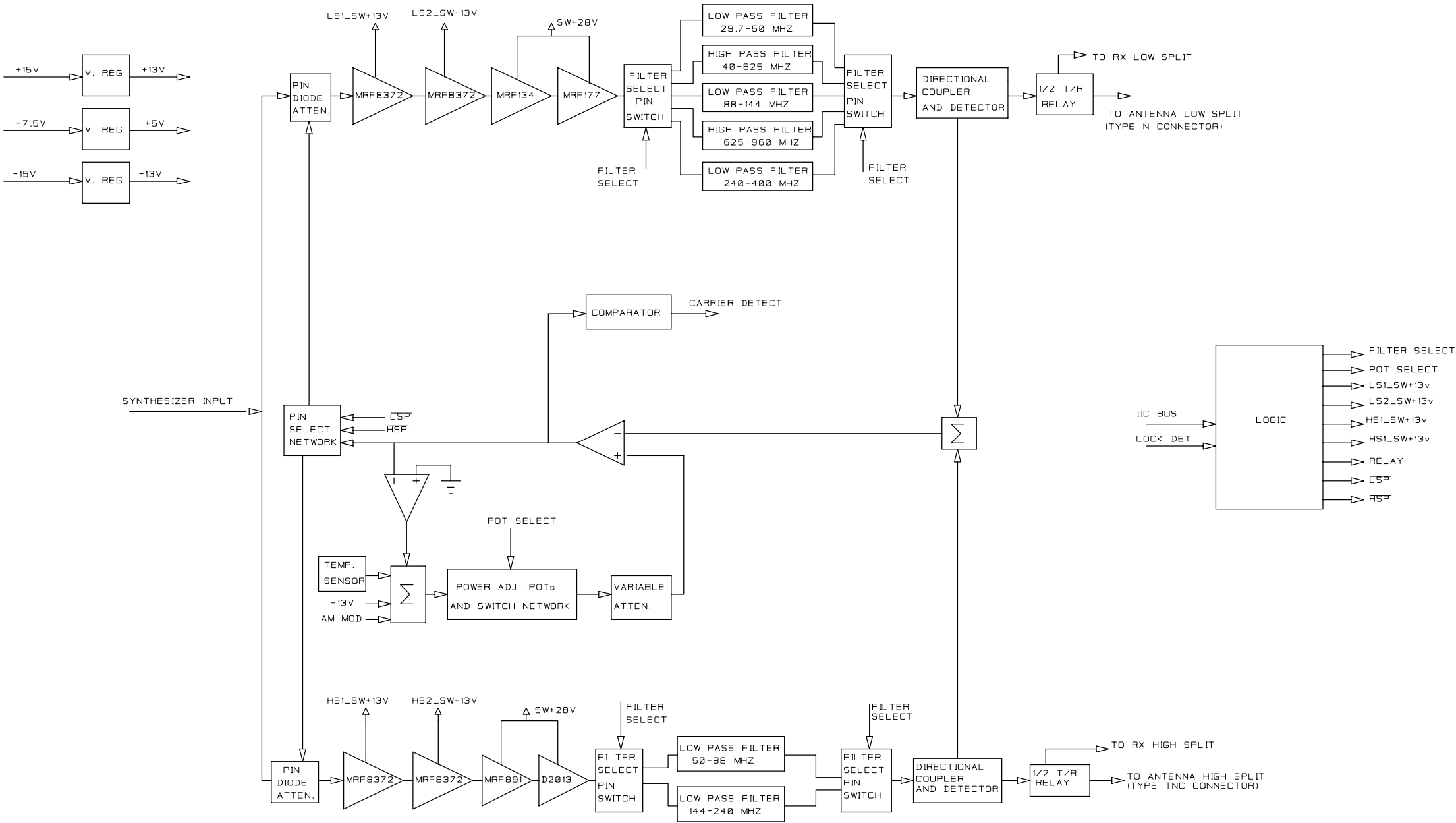
1	AGND
2	-7.5VP
3	12.8 MHz -B
4	CPU-PTT
5	XMIT-AUD-IN
6	GD-FASTLOCK
7	GD-RX-AUDIO
8	-15VP
9	CONTROL-TX-L
10	CONTROL-TX-H
11	ANT-TX-L
12	ANT-TX-H
13	SDA
14	SCL
15	LE1
16	LS0
17	LS1
18	+7.5VP
19	GND / DGND
20	AGND
21	MAIN-AUD-OUT
22	AUX-AUDIO-IN-DSP
23	GUARD-AUD-OUT
24	GD-CARRIER-SQ
25	MN-RX-AUD
26	MN-CARRIER-SQ
27	+15VP
28	FASTLOCK
29	GD-LOCK-DET
30	ON-OFF
31	CONTROL-RX-H
32	CONTROL-RX-L
33	ANT-RX-H
34	ANT-RX-L
35	MN-LOCK-DET
36	LS2
37	GND / DGND
38	Mn1_S
39	Mn1_S

DRAWING NUMBER 152-016260 SHT 3 REV F

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SIZE D	CAGE CODE 1B7G3	DRAWING NUMBER 152-016260	REV F
SCALE		SHEET 3 OF 3	

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	4-26-95	C.F.
		PRODUCTION RELEASE	4-26-95	
	B	REVISED PER DCN #9616 INCORP. EOS 2240 & 2245	6-27-95	R.DELONG
	C	REDRAWN PER DCN 9735	6-27-95	SCOTT H.
	D	REDRAWN PER DCN 10024		
	5	ECO 118876	10-22-96	
	6	ECO 128497	7-18-97	L.K.
	G	REDRAWN PER DCN W328	11-18-98	S.ELLIOTT
	H	REDRAWN PER DCN W1225	10-2-00	V.WALLACE
	J	REDRAWN PER DCN W1437		
	J	REDRAWN PER DCN W1440		



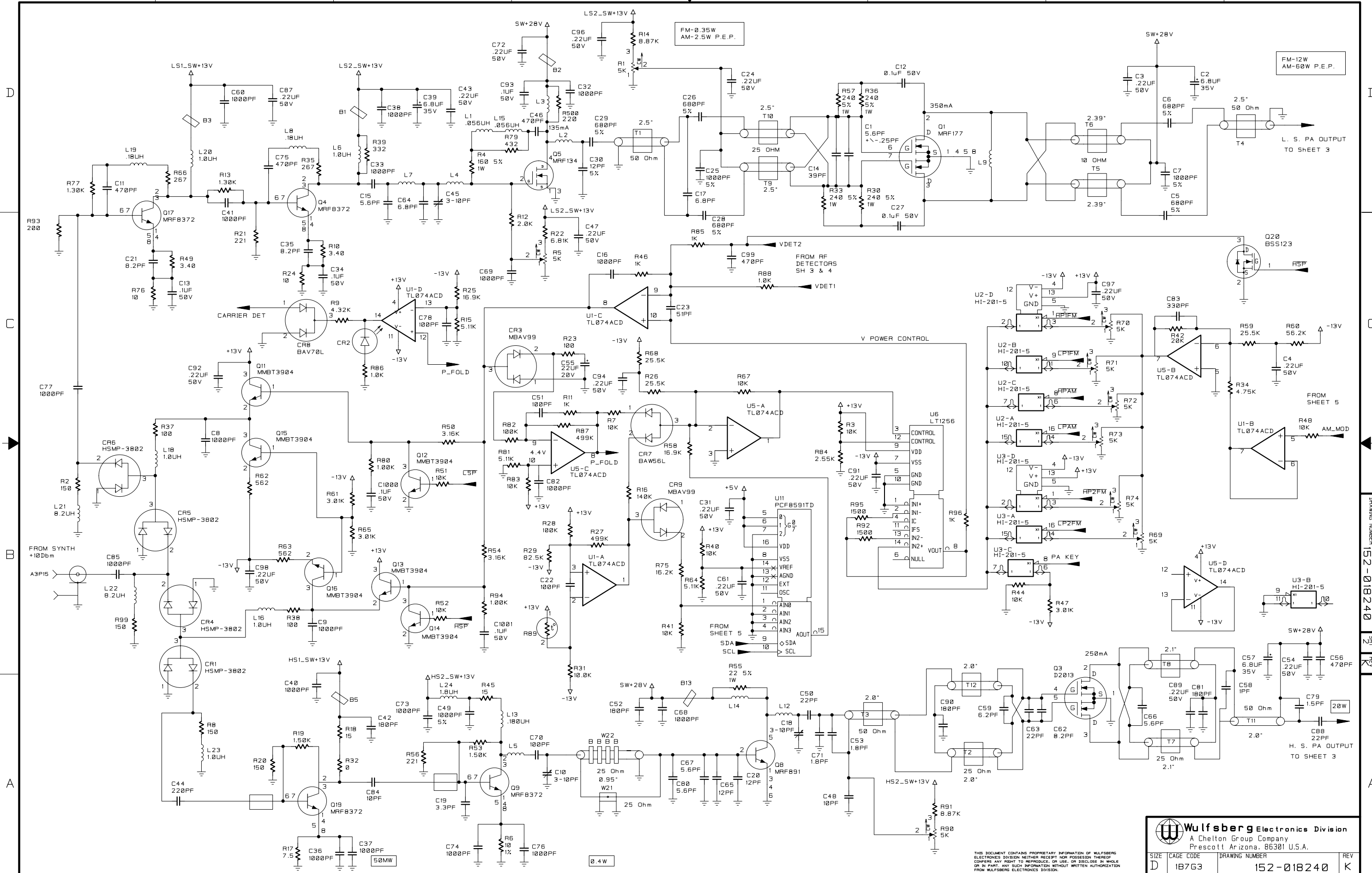
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300-018435	400-015525
NEXT ASSEMBLY	FINAL ASSEMBLY
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS ± DECIMALS XX ± XXX ± ANGLES ±		
MATERIAL	SEE NOTES	
FINISH	SEE NOTES	
DO NOT SCALE DRAWING		

APPROVALS	DATE
DRAWN R. DELONG	3/30/94
ENGINEER R. DELONG	3/30/94
ISSUED T. BEGAY	4-26-95

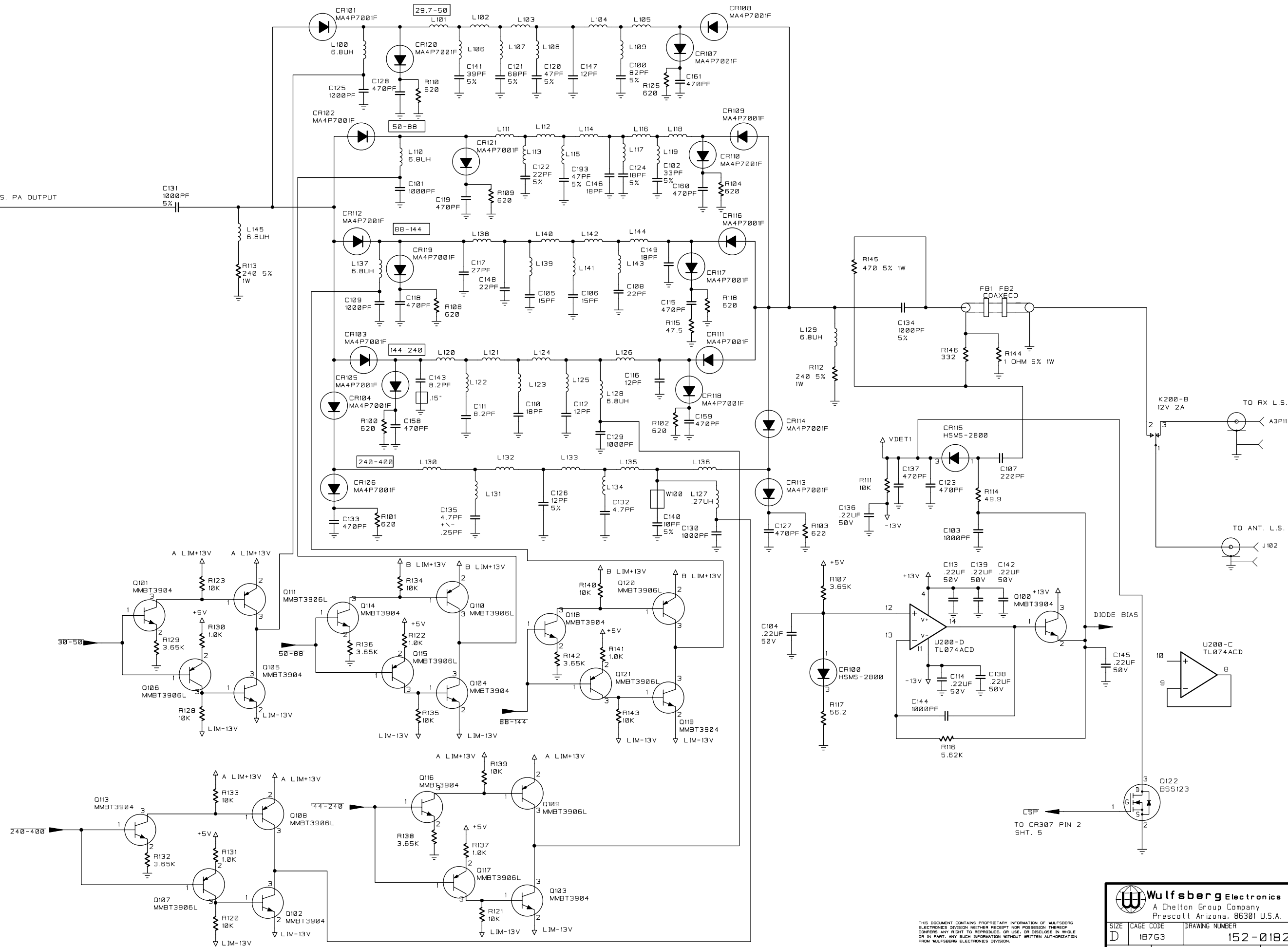
 Wulfsberg Electronics Division A Chelton Group Company Prescott, Arizona, 86301 U.S.A.		SCHEMATIC DIAGRAM, TRANSMITTER (RT-5000)	
SIZE D	CAGE CODE 1B7G3	DRAWING NUMBER 152-018240	REV K
SCALE NONE	SHEET 1 OF 5		



Wulfsberg Electronics Division
A Chelton Group Company
Prescott Arizona, 86301 U.S.A.

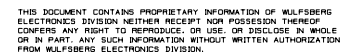
SIZE	CAGE CODE	DRAWING NUMBER	REV
D	1B7G3	152-018240	K
SCALE		SHEET 2 OF 5	

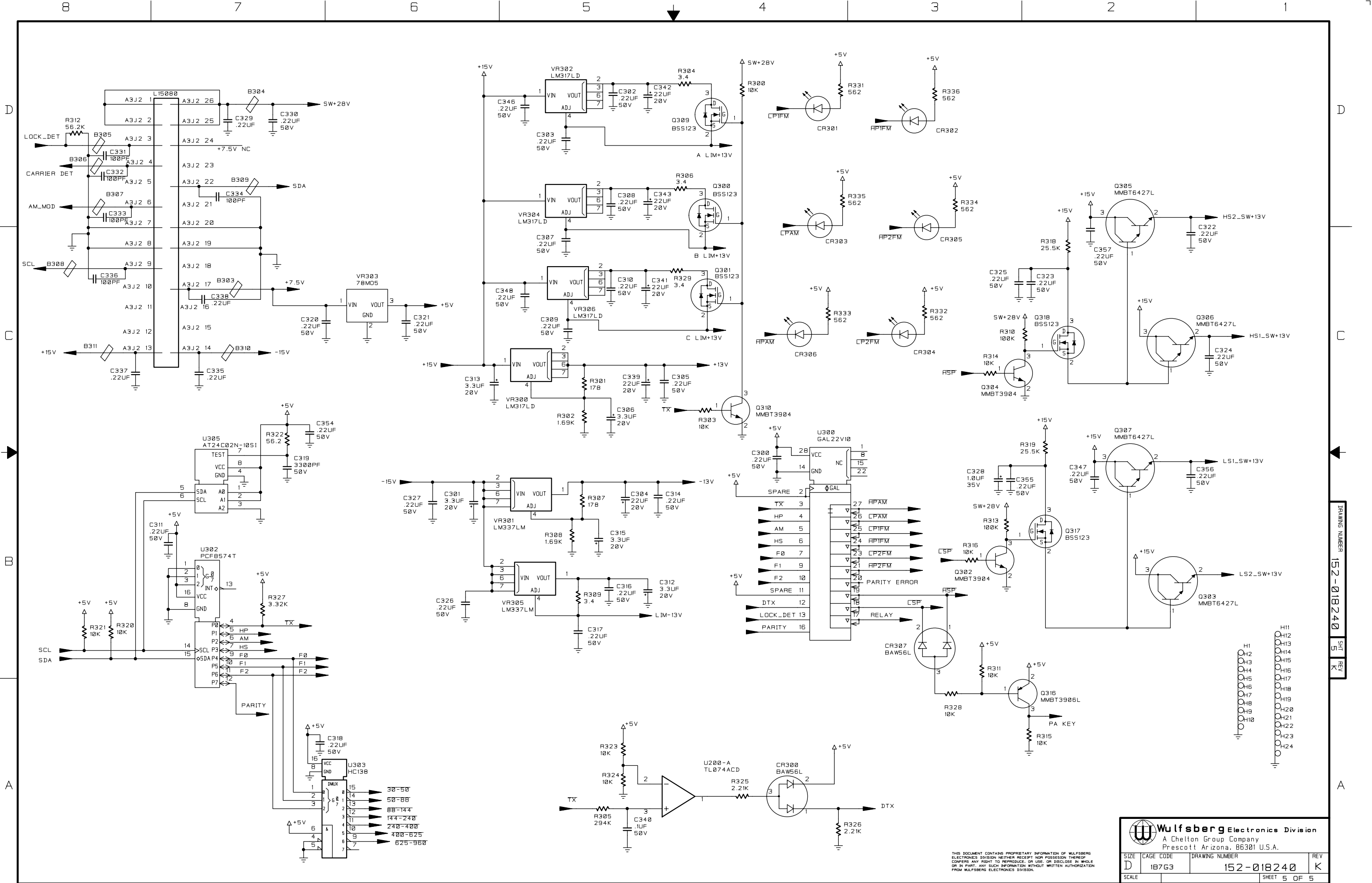
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SIZE	CAGE CODE	DRAWING NUMBER	REV
D	1B7G3	152-018240	K
SCALE		SHEET	3 OF 5





DRAWING NUMBER 152-018240
REV K

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SIZE	CAGE CODE	DRAWING NUMBER	REV
D	1B7G3	152-018240	K
SCALE		SHEET 5 OF 5	

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