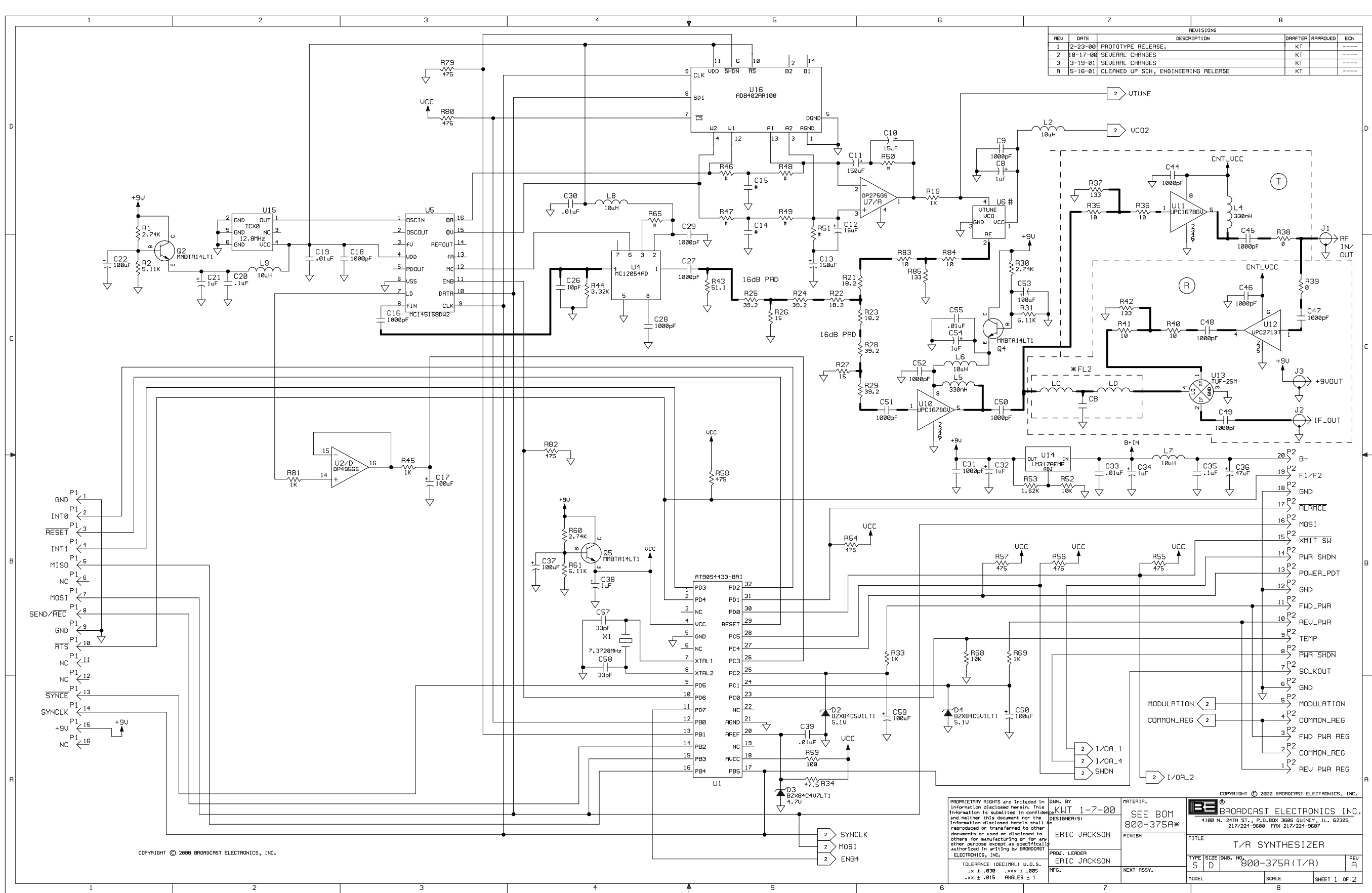


SRPT-40A SCHEMATICS

Following are schematics of all Marti circuit boards used in the SRPT-40A.



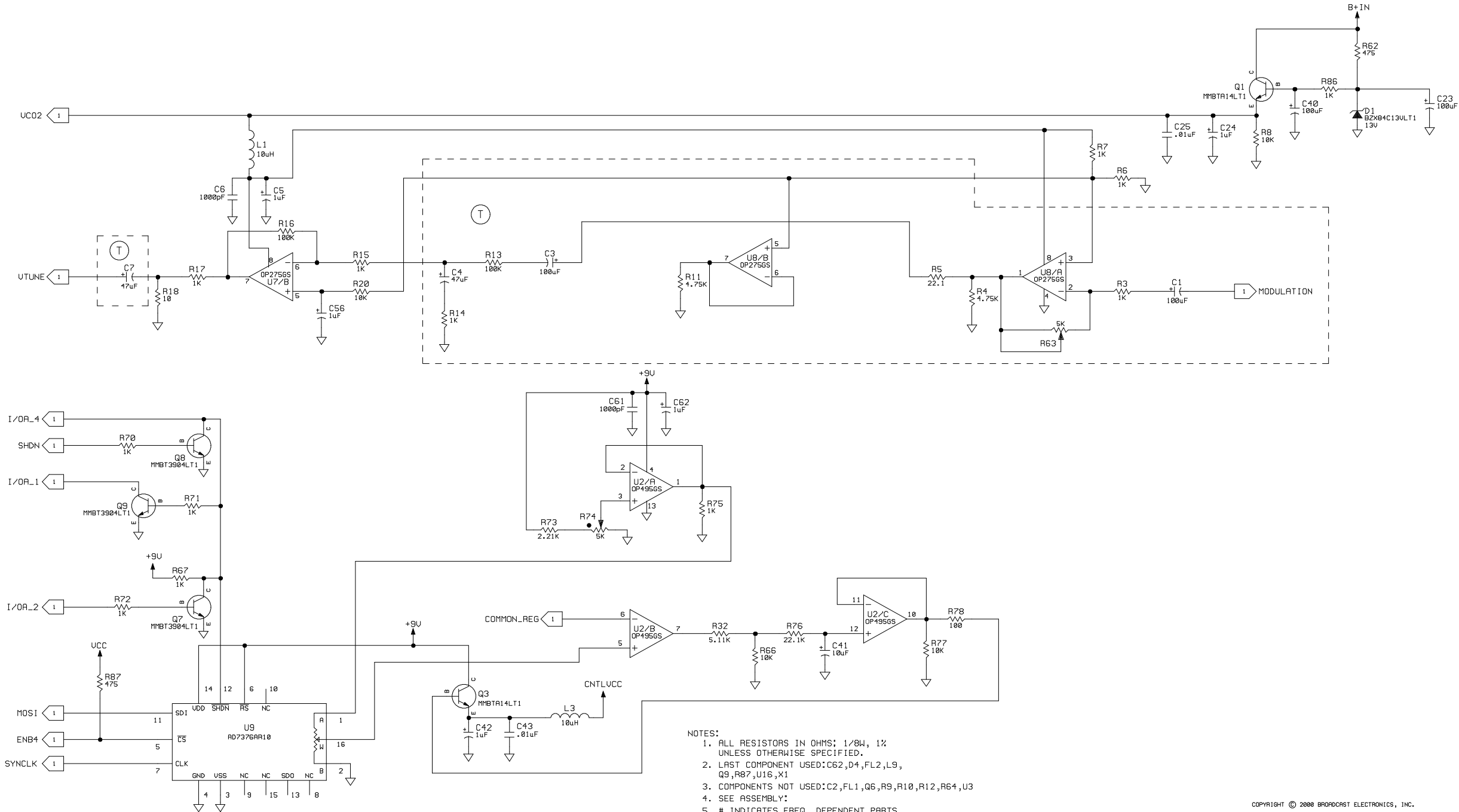
REVISIONS				
REV	DATE	DESCRIPTION	DRAWN	APPROVED
1	2-23-00	PROTOTYPE RELEASE	KT	-----
2	10-17-00	SEVERAL CHANGES	KT	-----
3	3-19-01	SEVERAL CHANGES	KT	-----
A	5-16-01	CLEANED UP SCH, ENGINEERING RELEASE	KT	-----

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	PROJ. LEADER ERIC JACKSON	FINISH		
	NFG.	NEXT ASSY.		
	TOLERANCE (DECIMAL) U.O.S. .* ± .030 .xxx ± .005 .*x ± .015 ANGLES ± 1			
MODEL		TYPE / SIZE DWS. NO. S D 800-375A (T/R)		REV A
		SCALE		SHEET 1 OF 2

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BROADCAST ELECTRONICS, INC.
4100 N. 24TH ST., P.O. BOX 3685 QUINCY, IL 62385
217/224-9500 FAX 217/224-9507

REVISIONS				
REV	DATE	DESCRIPTION	DRAFTER	APPROVED
1	2-23-00	PROTOTYPE RELEASE.	KT	-----
2	10-17-00	SEVERAL CHANGES	KT	-----
3	3-19-01	SEVERAL CHANGES	KT	-----
A	5-16-01	CLEANED UP SCH., ENGINEERING RELEASE	KT	-----



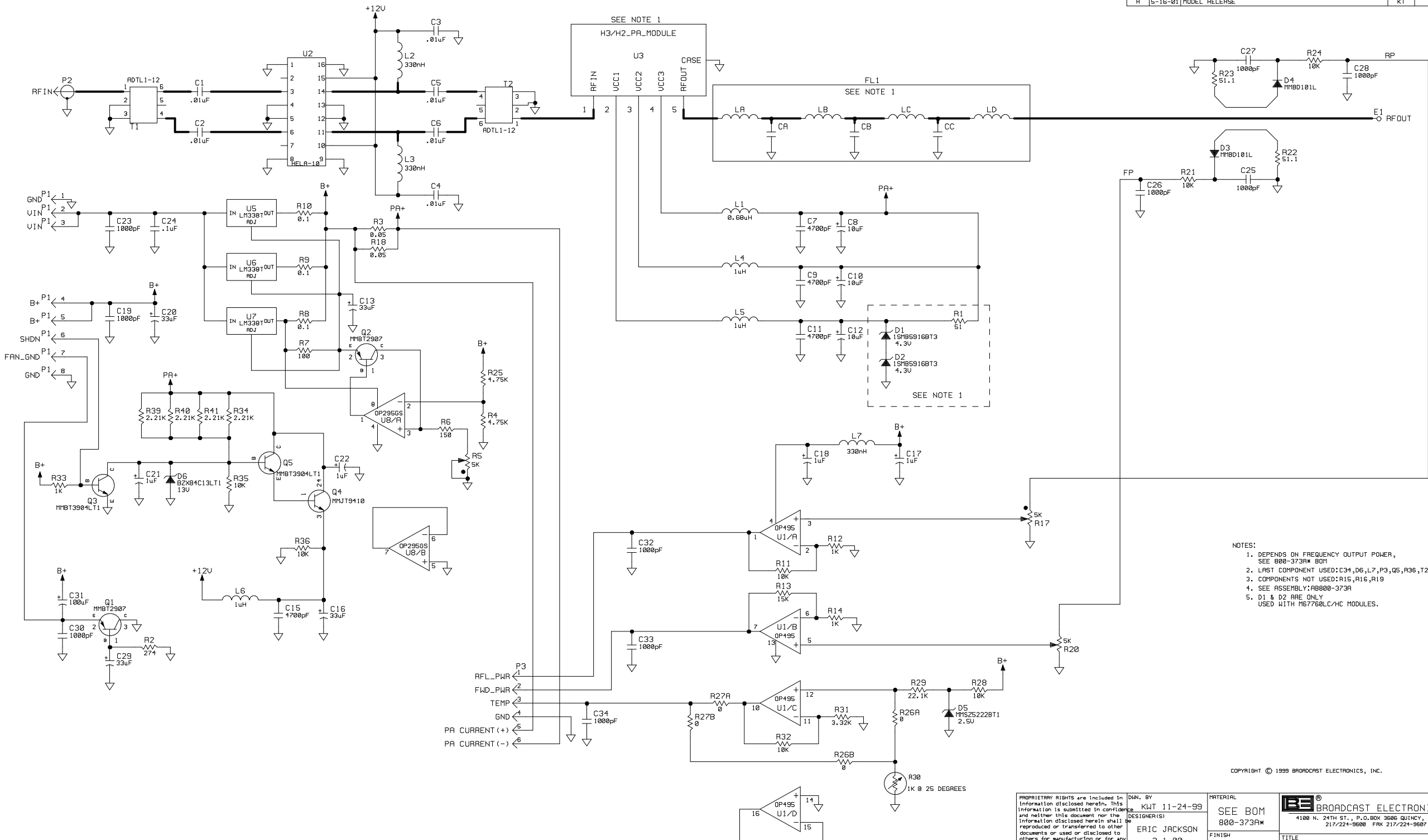
- NOTES:
1. ALL RESISTORS IN OHMS: 1/8W, 1% UNLESS OTHERWISE SPECIFIED.
 2. LAST COMPONENT USED: C62, D4, FL2, L9, Q9, R87, U16, X1
 3. COMPONENTS NOT USED: C2, FL1, Q6, R9, R10, R12, R64, U3
 4. SEE ASSEMBLY:
 5. # INDICATES FREQ. DEPENDENT PARTS. SEE T/R SYNTHESIZER BOM 800-375A*
 6. (T) INDICATES TRANSMITTER ONLY CIRCUIT.
 7. (R) INDICATES RECEIVER ONLY CIRCUIT.

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	PROJ. LEADER ERIC JACKSON	FINISH 800-375A*	
TOLERANCE (DECIMAL) U.S.S. .x ± .020 .xxx ± .005 .xx ± .015 ANGLES ± 1	MFG.	NEXT ASSY.	TITLE T/R SYNTHESIZER TYPE SIZE Dwg. NO. S D 800-375A(T/R) MODEL SCALE SHEET 2 OF 2

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REVISIONS				
REV	DATE	DESCRIPTION	DRAWN	APPROVED
1	12-16-99	PROTOTYPE RELEASE.	KT	----
2	2-10-00	PROTOTYPE CHANGES.	KT	----
3	3-3-00	PROTOTYPE CHANGES.	KT	----
4	5-30-00	DEL Q6,R19 & R37; CHGD NET FOR P3 PINS 5 & 6	KT	----
A	5-16-01	MODEL RELEASE	KT	----

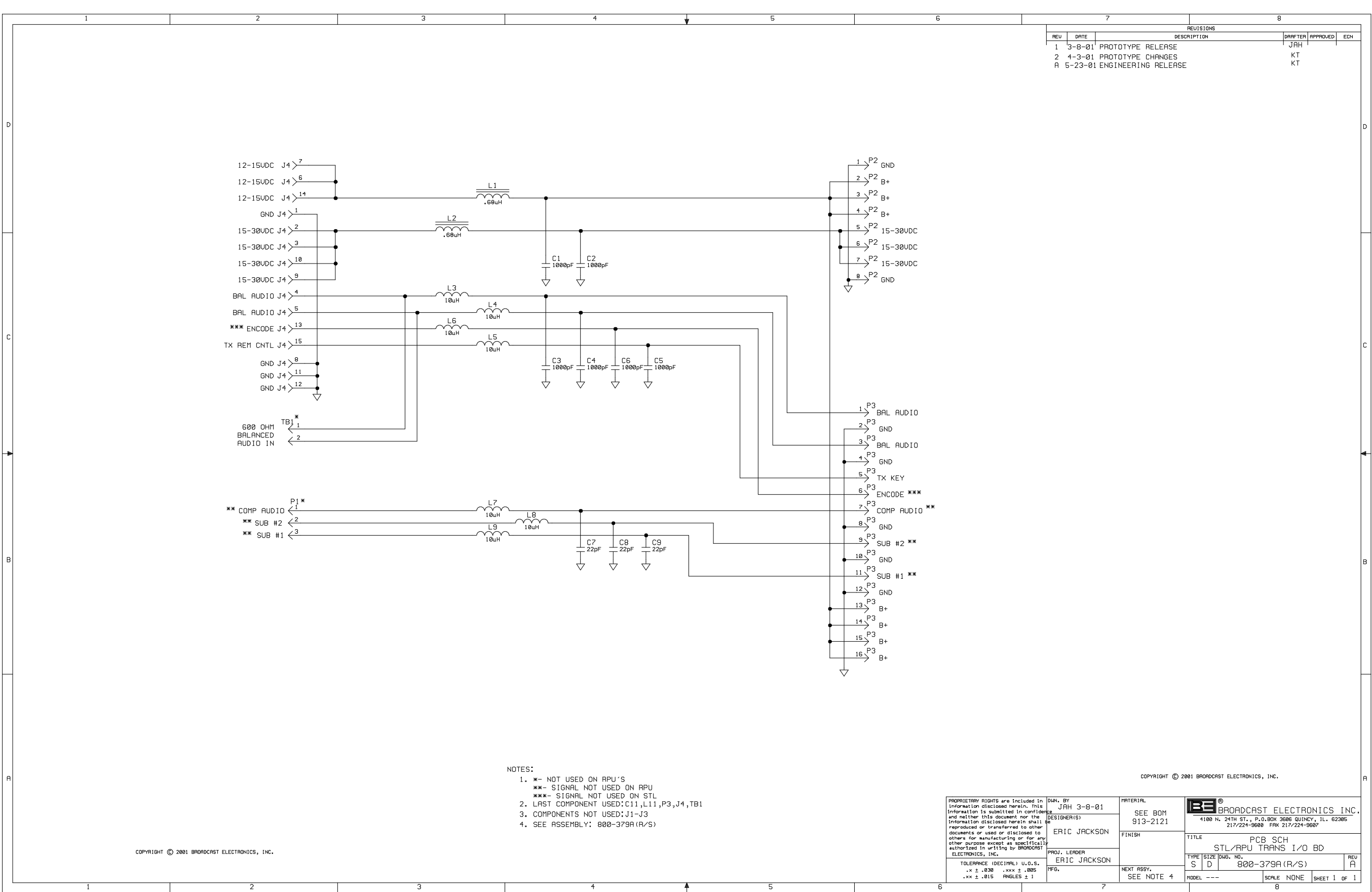


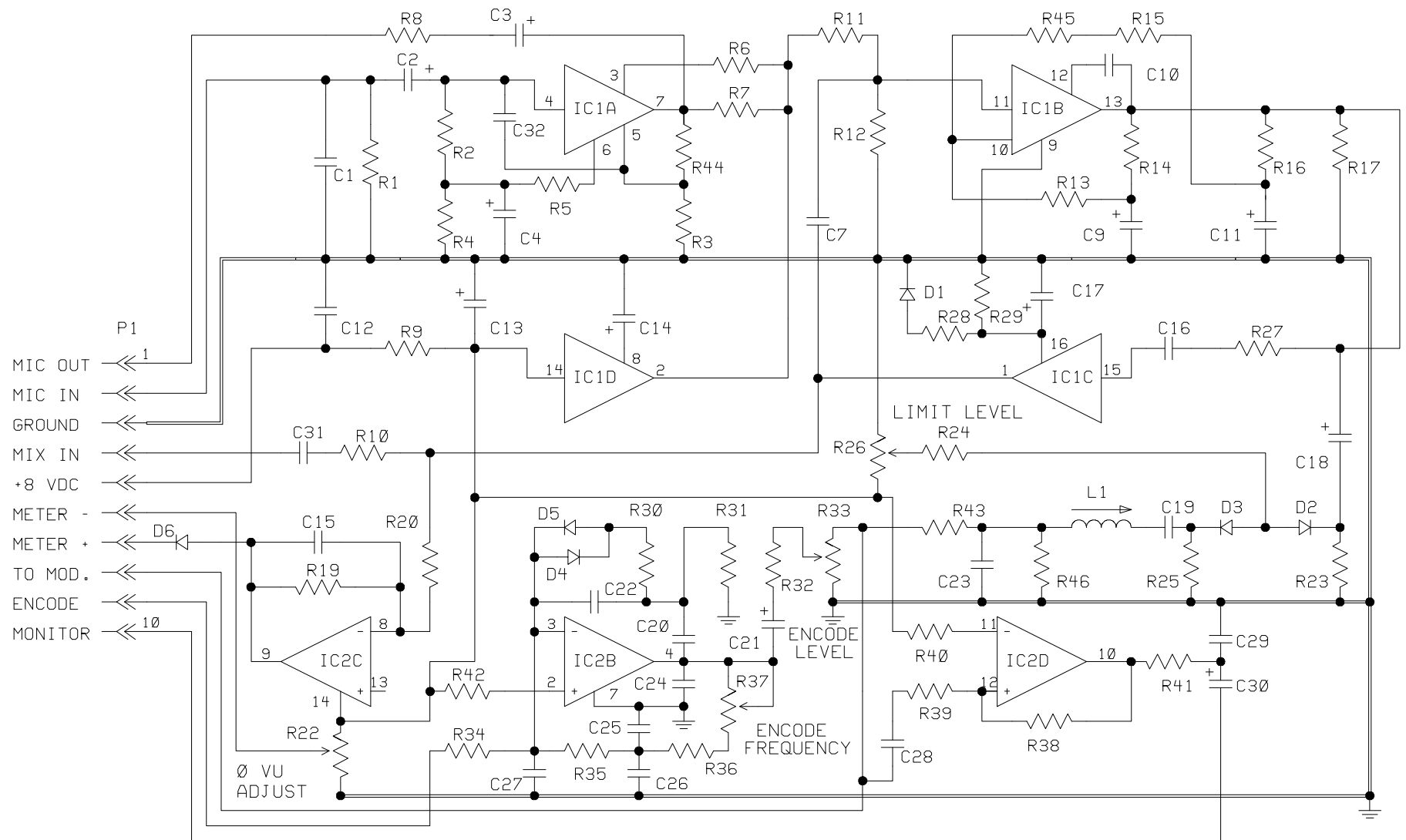
- NOTES:
1. DEPENDS ON FREQUENCY OUTPUT POWER, SEE 800-373A* BOM
 2. LAST COMPONENT USED: C34, D6, L7, P3, Q5, R36, T2, U8
 3. COMPONENTS NOT USED: R15, R16, R19
 4. SEE ASSEMBLY: AB800-373A
 5. D1 & D2 ARE ONLY USED WITH M67760LC/HC MODULES.

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TOLERANCE (DECIMAL) U.O.S. *.X ± .030 *.XXX ± .005 *.XX ± .015 ANGLES ± 1		TITLE TWO-STAGE RF POWER AMP		
		TYPE SIZE DWS. NO. S B 800-373A		REV A
		MODEL SCALE NONE		SHEET 1 OF 1



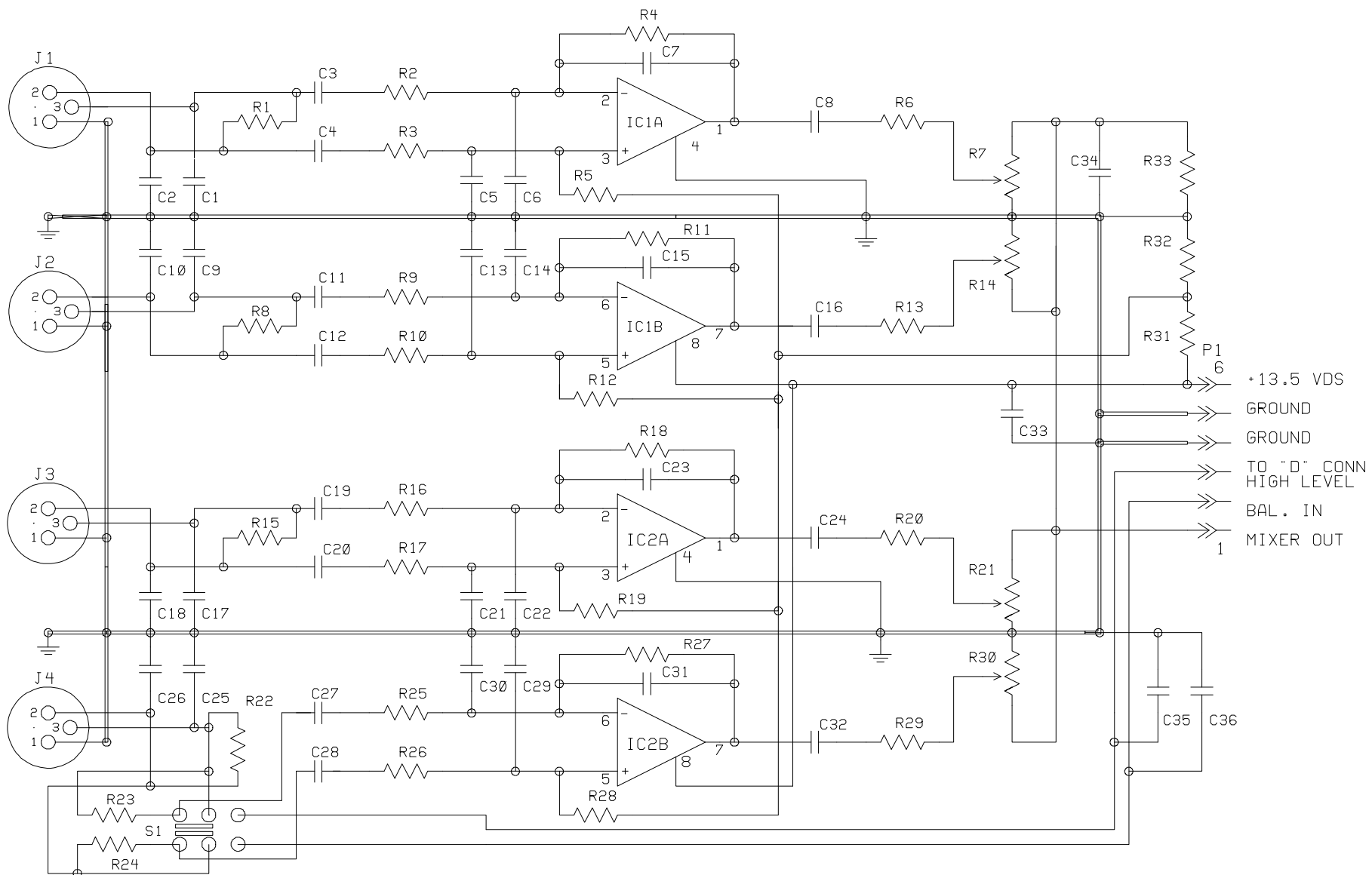


MARTI ELECTRONICS
CLEBURNE, TX 76033-0661

DRAWING NO.
COPYRIGHT
15-MAY-**

800-166

TITLE
REMOTE PICKUP TRANSMITTER AUDIO BOARD



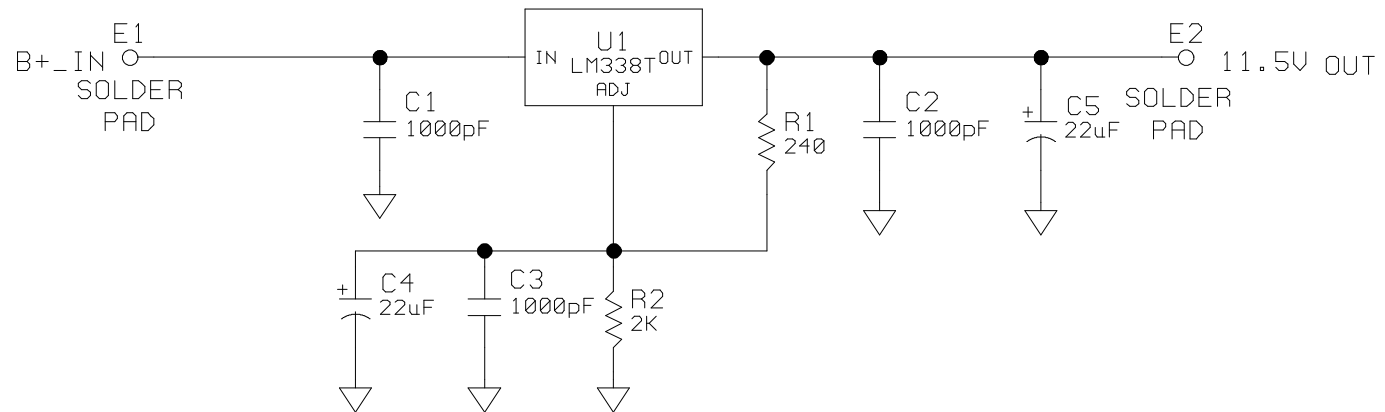
MARTI ELECTRONICS
 CLEBURNE, TX 76033-0661

DRAWING NO.
 COPYRIGHT
 15-MAY-**

800-251

TITLE
 PRE-AMPLIFIER/MIXER

REVISIONS					
REV	DATE	DESCRIPTION	DRAFTER	APPROVED	ECN
1	5-16-01	PROTOTYPE RELEASE	KT		
A	5-23-01	ENGINEERING RELEASE	KT		



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	DESIGNER(S) ERIC JACKSON				
	PROJ. LEADER ERIC JACKSON	FINISH	TITLE SRPT-40A AUDIO REGULATION BOARD		
	MFG.	NEXT ASSY.	TYPE S	SIZE A	DWG. NO. 800-168-40A
TOLERANCE (DECIMAL) U.O.S. .x ± .030 .xxx ± .005 .xx ± .015 ANGLES ± 1°			MODEL SRPT-40A	SCALE NONE	SHEET 1 OF 1