

REVISION RECORD				
REV	ECO NO:	DRAFT	DATE:	APPROVED:

TITLE :							
21-1905 MAIN BOARD							
DRAFT	DESIGN	BUNNY, NG	DATE	3/31/03			
CHECK			DATE				
APPD			DATE				
MODEL NO.:	21-1905	DWG NO.	F07054A	REV	A	SIZE	
FILE NO.:	0321_1905_LCPA.....	SCALE	NONE	SHEET	1 OF 3	DESIGN	A2

6

5

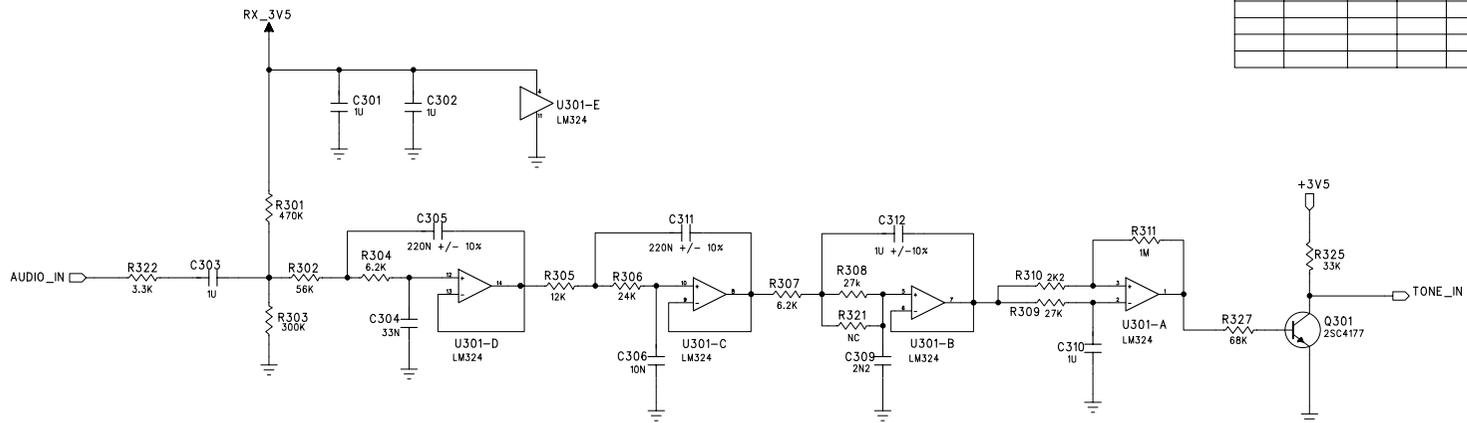
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3

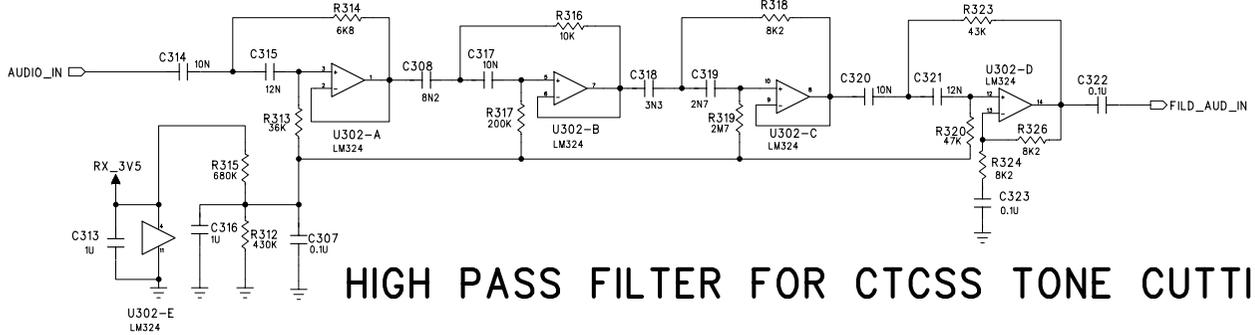
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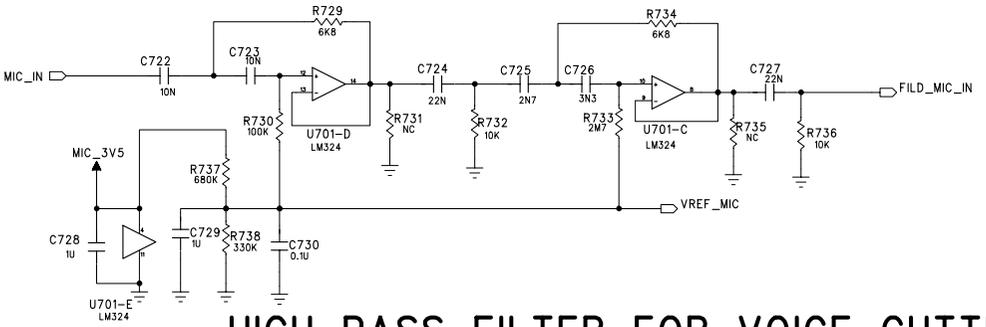
REVISION RECORD				
REV	ECO NO:	DRAFT	DATE:	APPROVED:



LOW PASS FILTER FOR CTCSS TONE DETECTION



HIGH PASS FILTER FOR CTCSS TONE CUTTING



HIGH PASS FILTER FOR VOICE CUTTING

TITLE :				
21-1905 CTCSS_PART				
DRAFT	BUNNY, NG	DATE	3/31/03	DESIGN TES
CHECK		DATE		
APPD		DATE		
MODEL NO.:	21-1905	DWG NO.	F07054A	REV A
FILE NO.:	0321_1905_JCPA....	SCALE	NONE	SHEET 2 OF 3
				SIZE A2

6

5

4

3

2

1

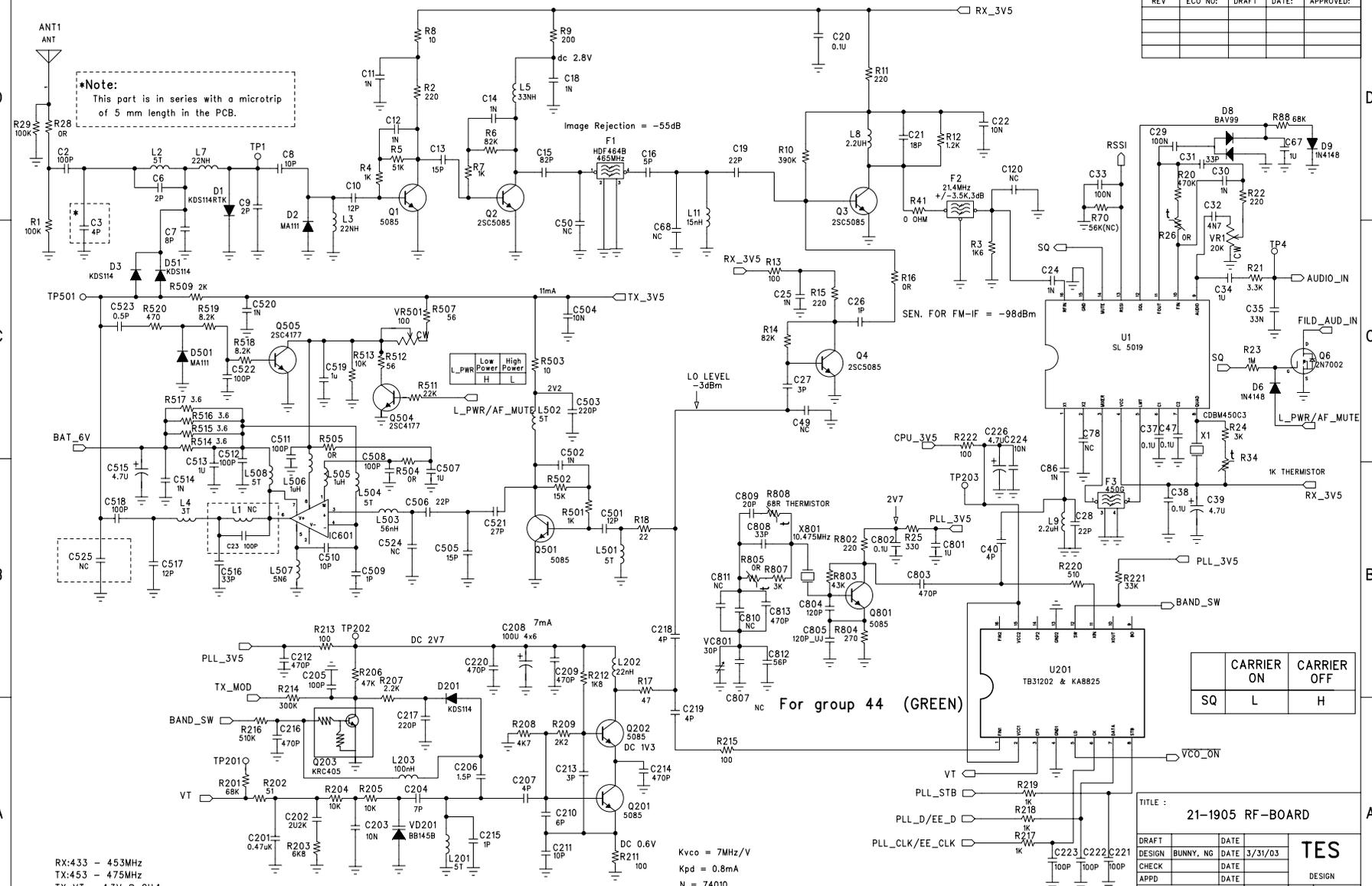
REVISION RECORD				
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***Note:**
This part is in series with a microstrip of 5 mm length in the PCB.

Image Rejection = -55dB

SEN. FOR FM-IF = -98dBm

For group 44 (GREEN)



RX:433 - 453MHz
TX:453 - 475MHz
TX VT = 1.3V @ CH.1

Kvco = 7MHz/V
Kpd = 0.8mA
N = 74010
Loop BW = 50Hz
Phase Margin = 45 deg.

	CARRIER ON	CARRIER OFF
SQ	L	H

TITLE : 21-1905 RF-BOARD			
DRAFT DESIGN	BUNNY, NG	DATE	3/31/03
CHECK		DATE	
APPD		DATE	
MODEL NO.:	21-1905	DWG NO.	F07054A
FILE NO.:	0321_1905_ICPA.....	SCALE	NONE
		SHEET	3 OF 3

DESIGN SIZE
A
A2