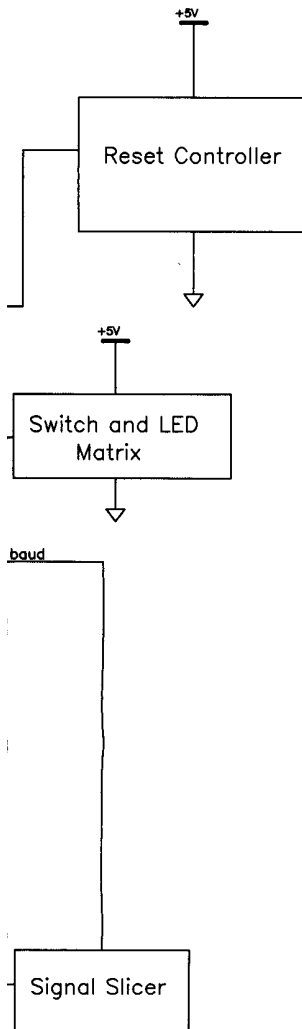


3009



REV	ZONE	DATE	DESCRIPTION	AUTH
			PRELIMINARY RELEASE	

TANGO SCHEMATIC DWG DO NOT SCALE

ISSUE
CODE

LUTRON ELECTRONICS CO. INC
COOPERSBURG, PA 18036
610-282-3800

RP
SF
QC
P
SM

TITLE: RAMC-XC JPZ0009

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PCB PART NO:

DRAWN BY:

CHECKED BY:

APPR. BY:

FILE NAME

BLOCK_XC.S01

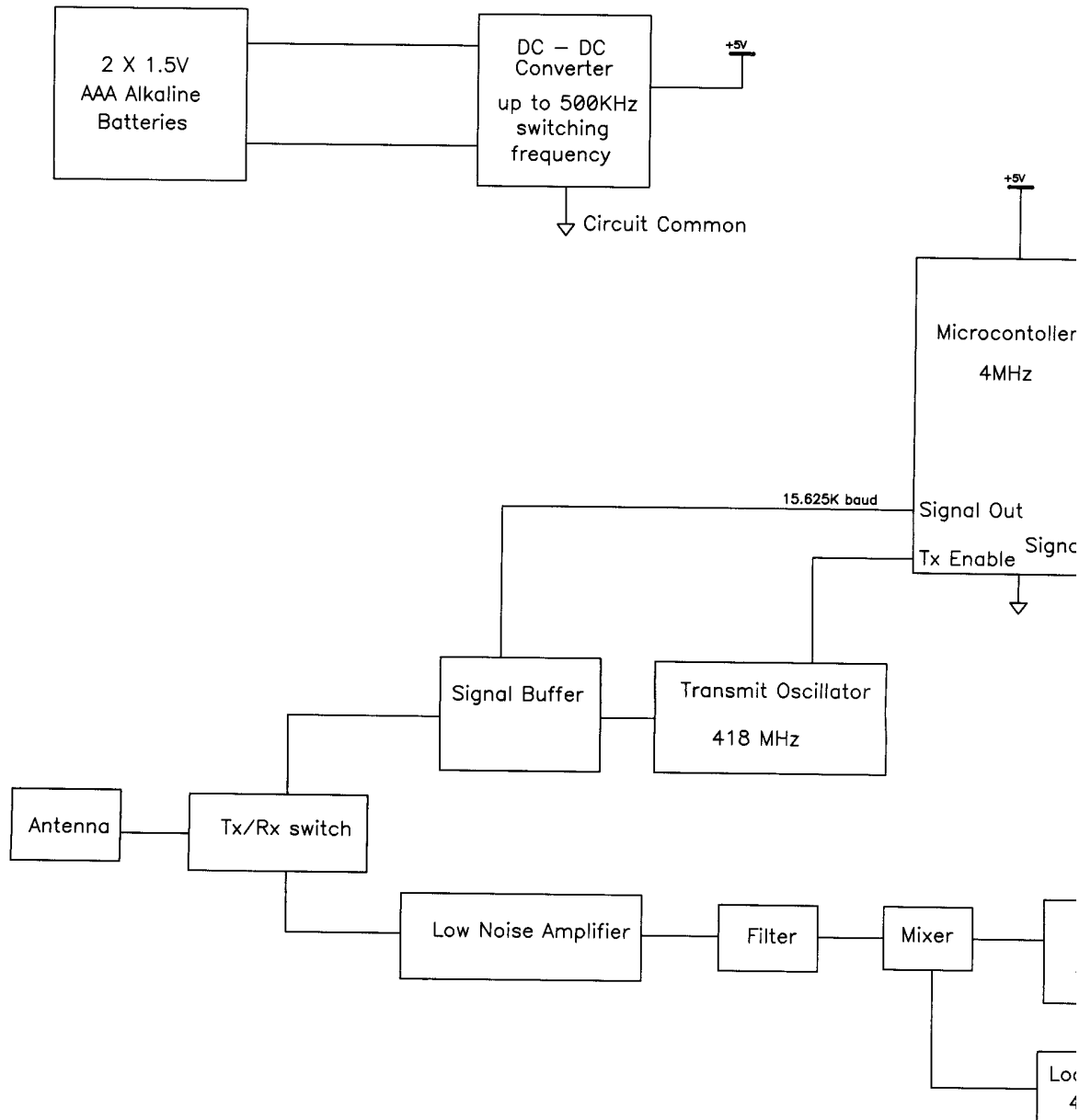
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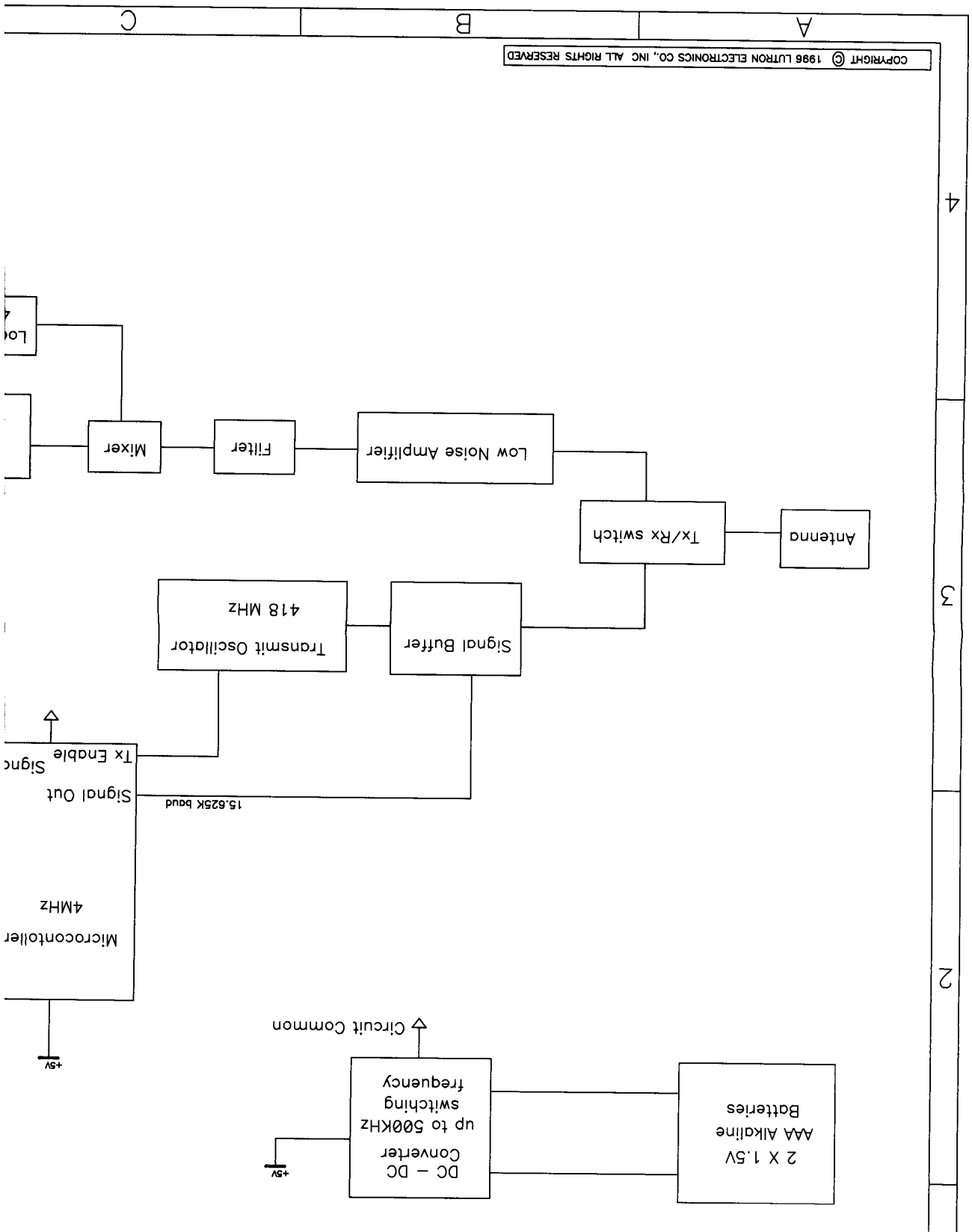
SCALE

Thu Jan 28 1999

Block Diagram

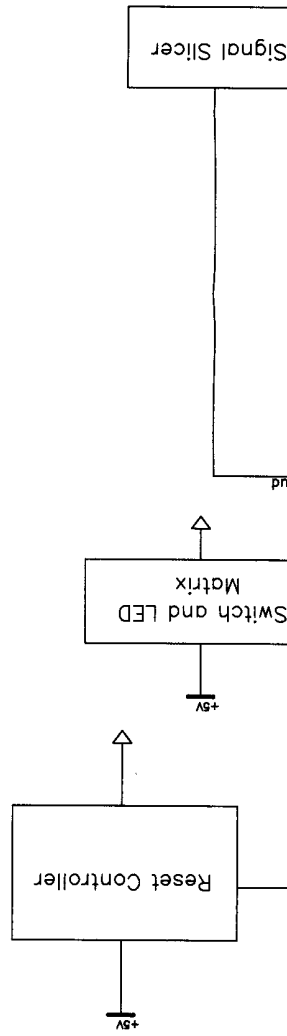
BLOCK DIAGRAM: RAMC—XC: FCC I





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D		E		F	
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ISSUE CODE		RP		SF	
QC		P		SM	
TITLE: RAMC-XC JPZ0009					
PCB PART NO:		DRAWN BY:		CHECKED BY:	
APPL. BY:		PART NO:			
FILE NAME		BLOCK_XC.S01		Block Diagram	
SCALE		Thu Jan 28 1999			
TANGO SCHEMATIC DWG DO NOT SCALE					
LUTRON ELECTRONICS CO. INC COOPERSBURG, PA 18036 610-282-3800					



F

G

H

REV

ZONE

DATE

DESCRIPTION

AUTH

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1

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5

B412

23
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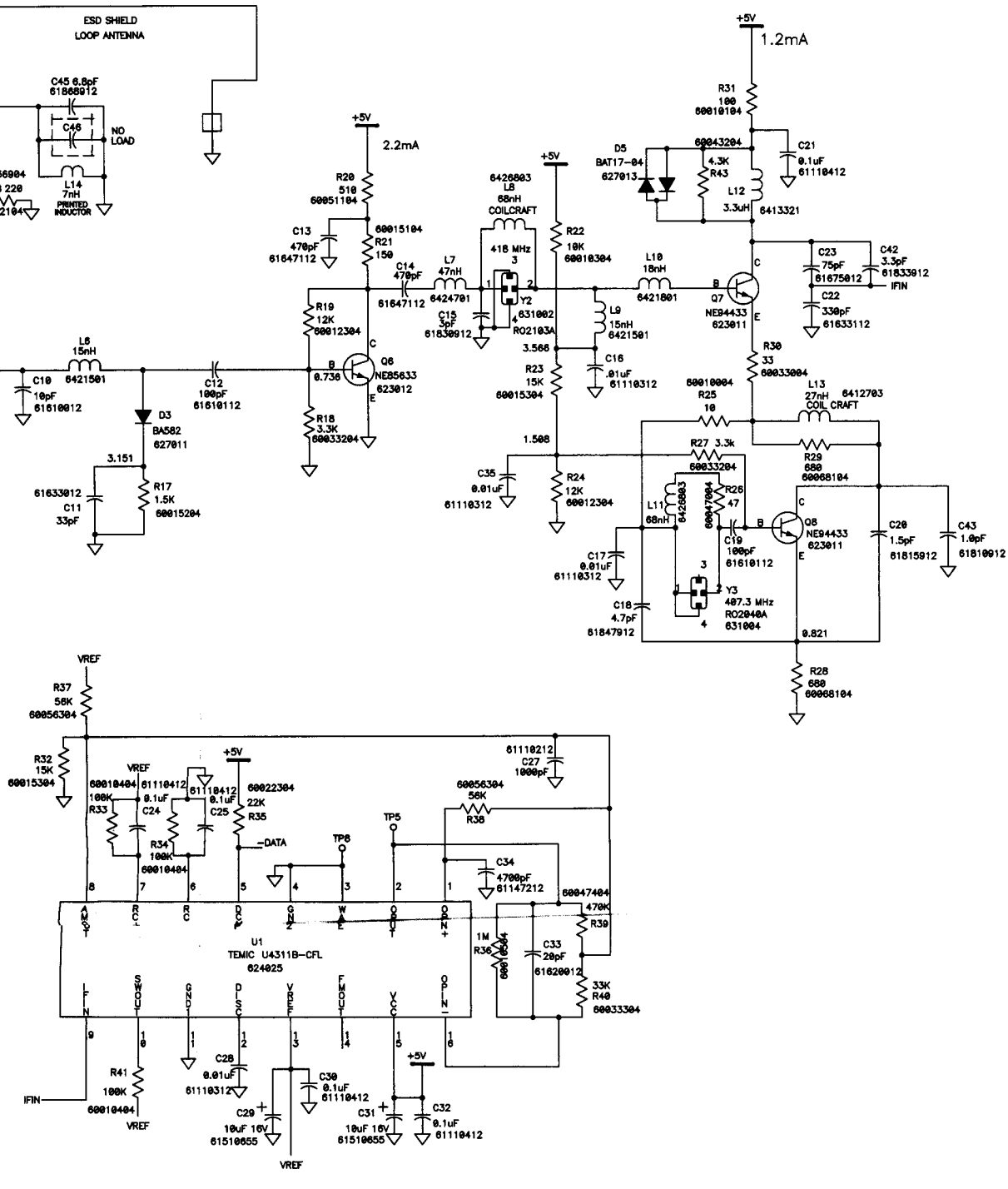
6412703
CRAFT

B104

1433
B11
C20
1.5pF
61815012
C43
1.0pF
61810012

B104

RF CIRCUITRY



TEST POINTS

(TP1) RF IN

(TP3) OSC

(TRA) TRAN

A

B

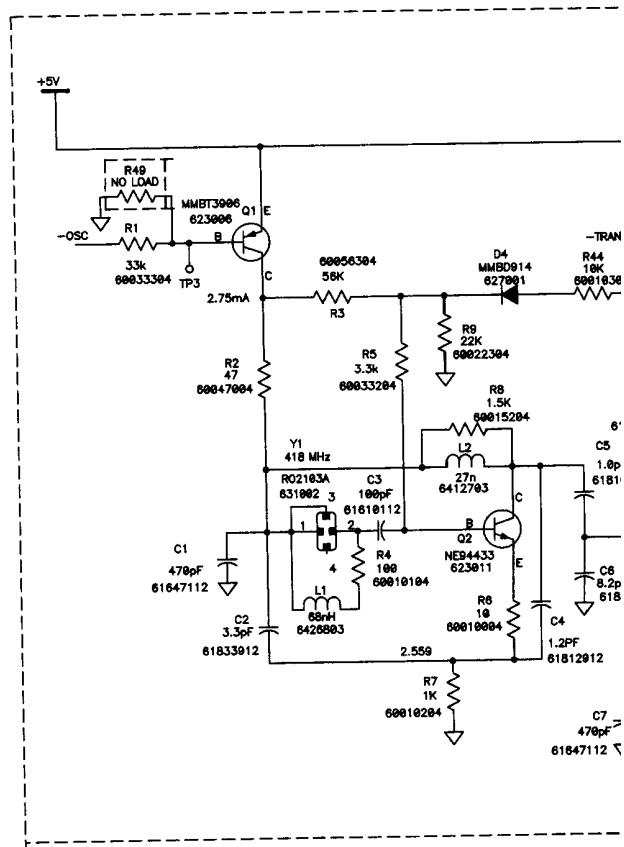
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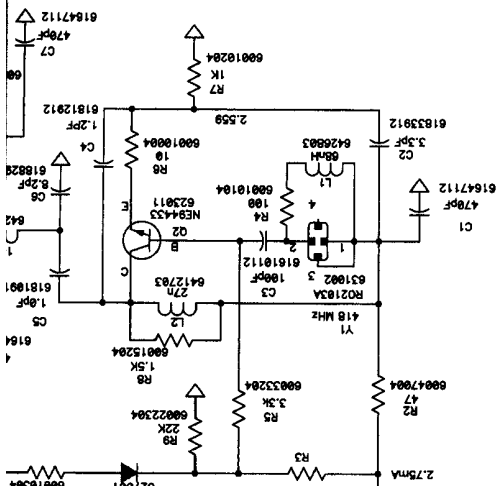
1

2

3

4





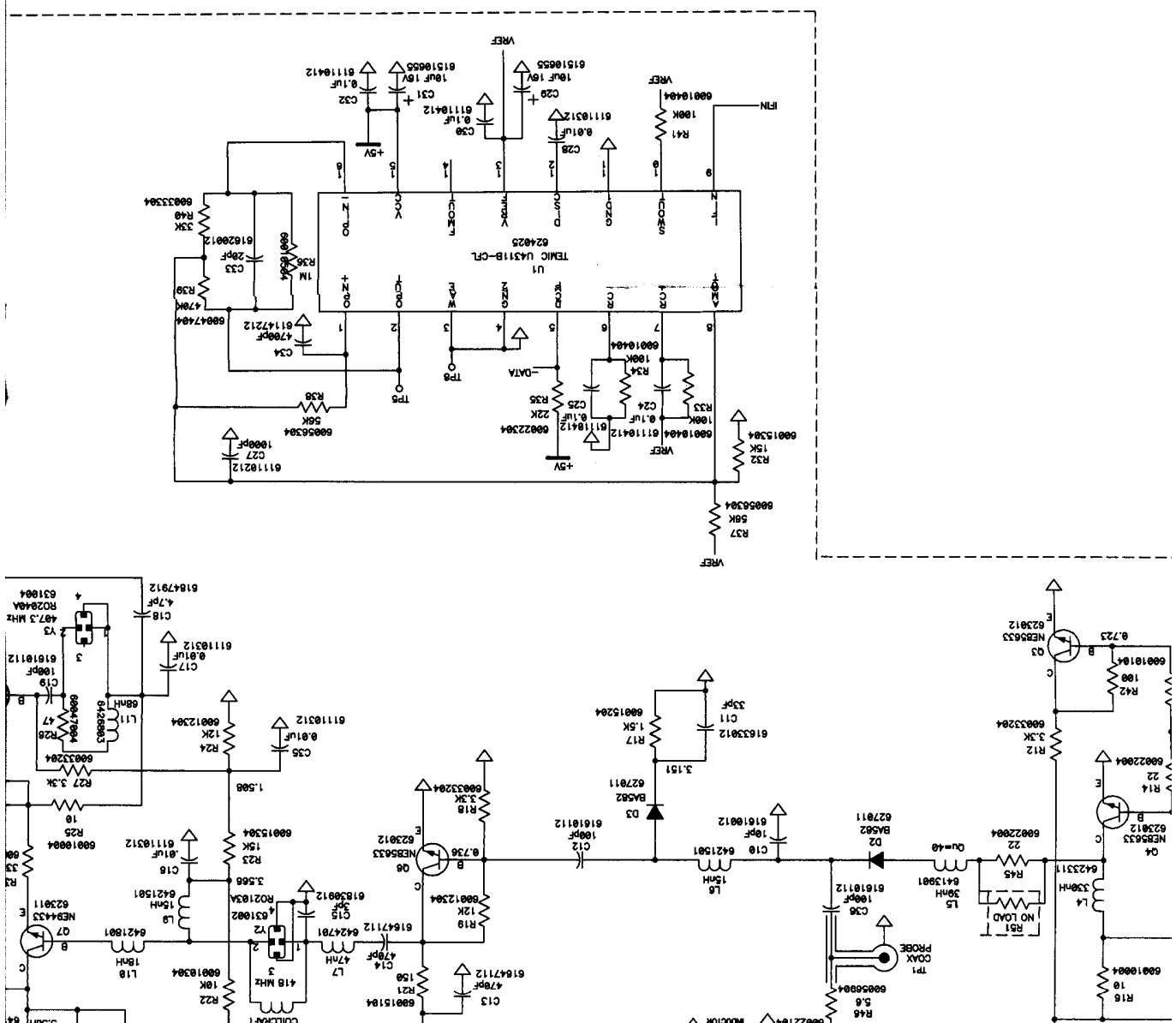
TEST POINT

(TP1) RF IN

(TP3) OSC

(TP4) TRAN

(TP5) BASE BA



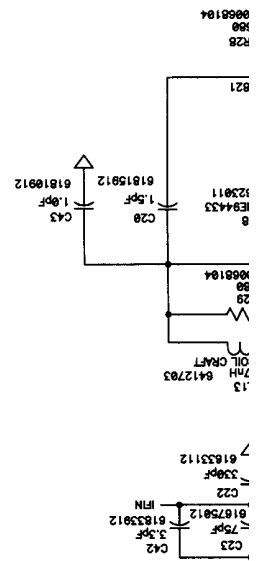
SHEET 2 of 2 H		D/SCALE Thu Jan 28 1999		FILENAME: 501758.S02 PART NO. 501758	
PCB PART NO: 4701015 DRAWN BY: RJT CHECKED BY: APPR. BY:		TITLE: RADIOGRA TABLETOP CORDLESS MASTER TRANSCIEVER CKT.		ISSUE CODE RP SF QC P SM	
TANGO SCHEMATIC DWG DO NOT SCALE					

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JPZ0009

IAL



C

D

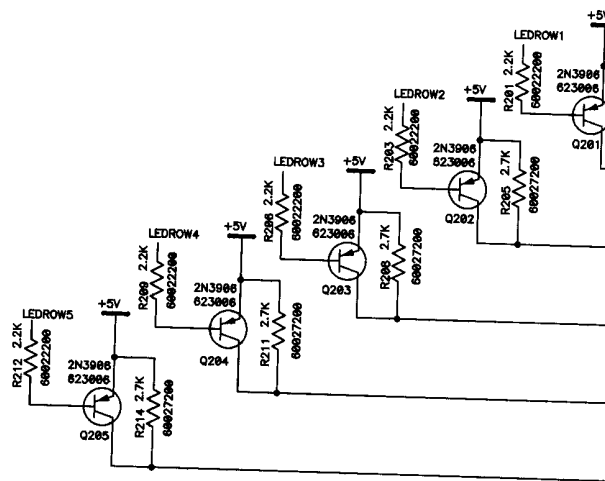
E

ENT CHART

207	D208	D209	D210	D211	D212	D21	D214	D215
7	#8	#9	#10	#11	#12	#13	#14	#15
7	#8	#9	#10	#11	#12	#13	#14	#15

ACEMENT CHART

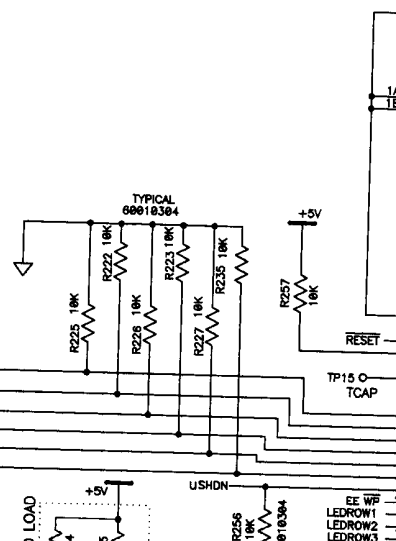
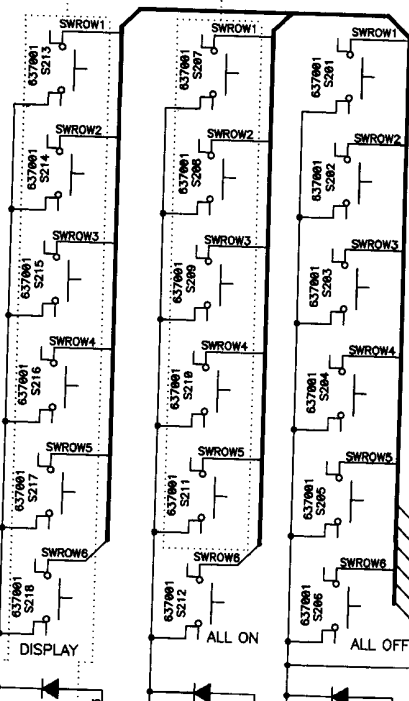
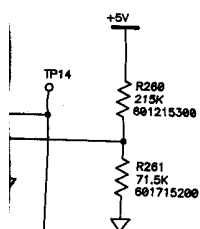
17	SW208	SW209	SW210	SW211	SW212	SW213	SW214	SW215	SW216	SW217	SW218
#7	#8	#9	#10	ALL ON	ALL ON	ALL ON	ALL ON	ALL ON	ALL ON	ALL ON	DISPLAY
#7	#8	#9	#10	ALL ON	ALL ON	ALL ON	ALL ON	ALL ON	ALL ON	ALL ON	DISPLAY



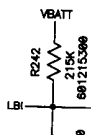
SWITCH MATRIX

PARTS NOT PLACED IN RAMC-5C & 10C

PARTS NOT PLACED IN RAMC-5C



VBATT



DI

LBI

TP18

SWCOL

D LOAD

+5V

U5H0N

R256

10K

6816304

EE WP

LEDROW1

LEDROW2

LEDROW3

RESET

TP15

TCAP

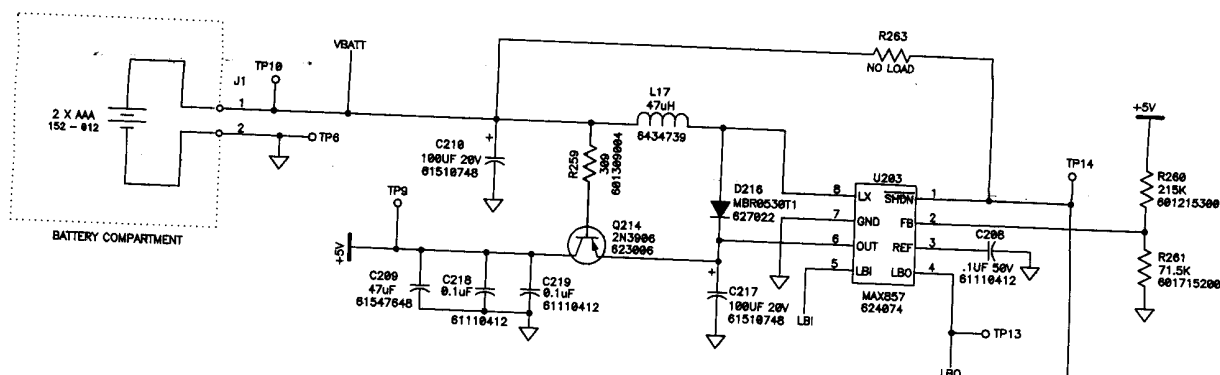
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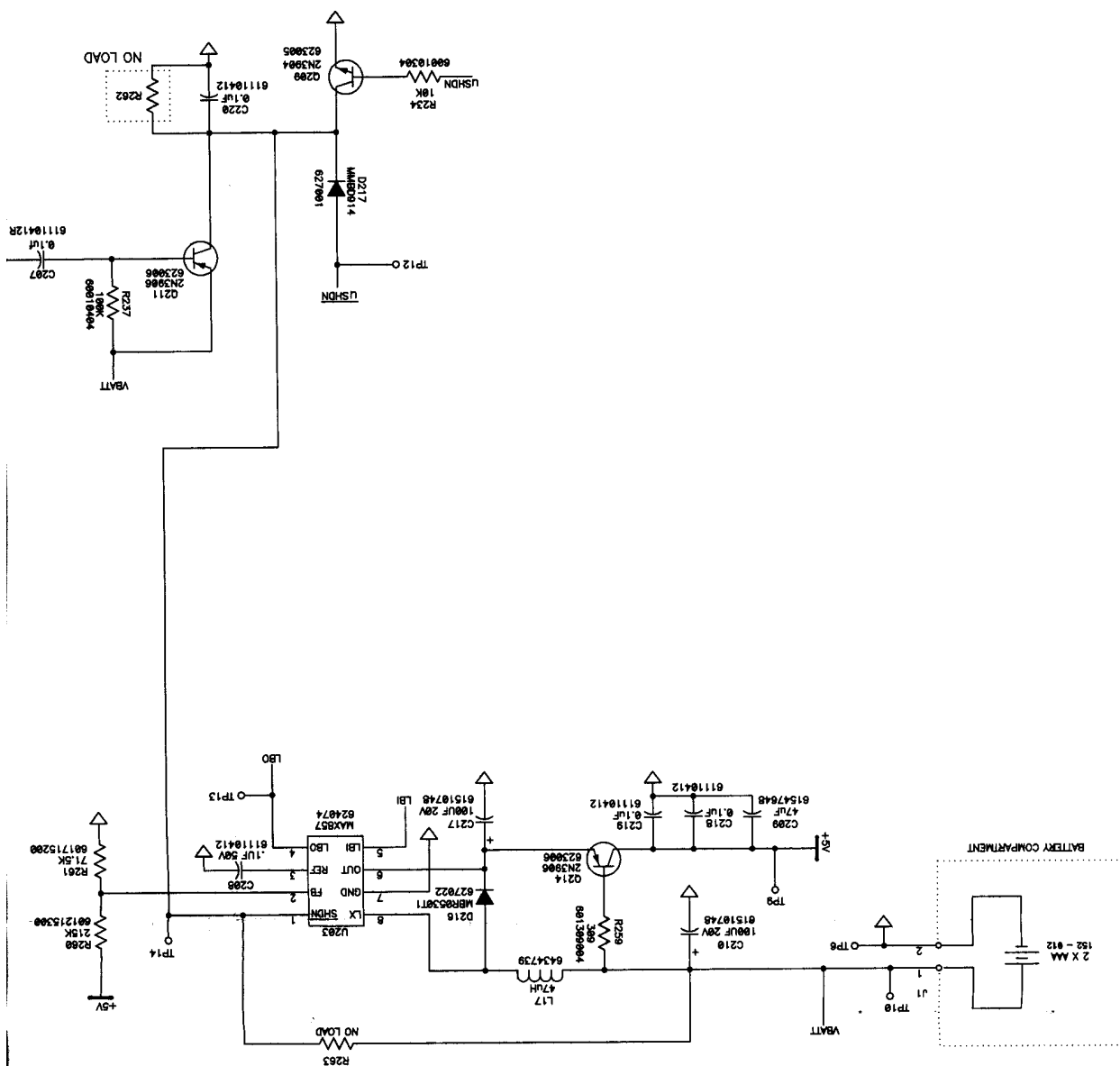
1B

RESISTOR PLACEMENT CHART				
PORTS	TTM5	TTM10	TTM15	TTM10RL
PB5	LOW	LOW	LOW	LOW
PB6	LOW	LOW	LOW	HIGH
PC2	LOW	LOW	COL 3 SWITCH DRIVE	COL 3 SWITCH DRIVE
PC4	LOW	COL 2 LED DRIVE	COL 2 LED DRIVE	COL 2 LED DRIVE
PC5	LOW	LOW	COL 3 LED DRIVE	COL 3 LED DRIVE

LED PLACEMENT CHART										
	D201	D202	D203	D204	D205	D206	D207	D208	D209	D210
RAMC-5C	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
RAMC-10C	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
RAMC-15C	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10

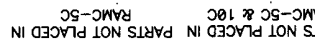
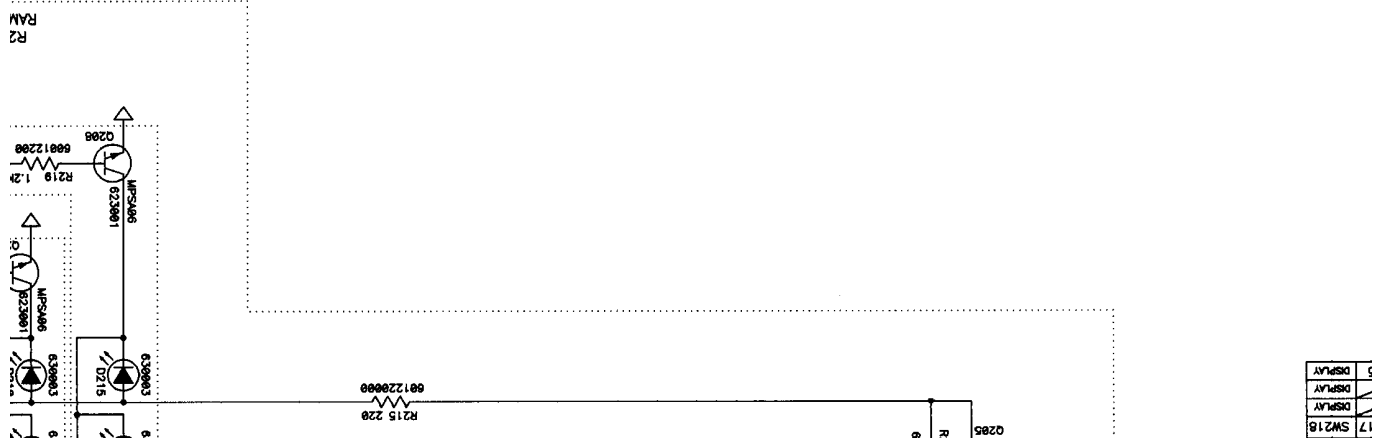
SWITCH PLACEMENT CHART										
	SW201	SW202	SW203	SW204	SW205	SW206	SW207	SW208	SW209	SW210
RAMC-5C	#1	#2	#3	#4	#5	ALL OFF	#6	#7	#8	#9
RAMC-10C	#1	#2	#3	#4	#5	ALL OFF	#6	#7	#8	#9
RAMC-15C	#1	#2	#3	#4	#5	ALL OFF	#6	#7	#8	#9





PC5	LOW	LOW	COL 3 LED DRIVE
PC4	LOW	LED DRIVE	COL 2 LED DRIVE
COL	LOW	LOW	SWITCH DRIVE

SWITCH PLACEMENT CHART											
SW212	SW211	SW210	SW209	SW208	SW207	SW206	SW205	SW204	SW203	SW202	SW201
RAMC-5C	#1	#2	#3	#4	#5	ALL OFF	#6	#7	#8	#9	#10
RAMC-10C	#1	#2	#3	#4	#5	ALL OFF	#6	#7	#8	#9	#10
RAMC-15C	#1	#2	#3	#4	#5	ALL OFF	#6	#7	#8	#9	#10



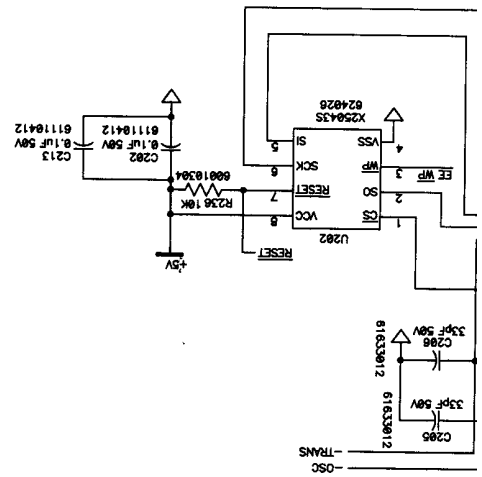
SHEET 1 of 2		Thu Jan 28 1999		DSCALE	
PART NO. 501758		FILENAME: 501758.S01		PCB PART NO: 470-1015	
DRAWN BY: RJT		CHECKED BY:		APPR. BY:	
TITILE: RADIOA TABLE TOP CORDLESS MASTER					
POWER SUPPLY/LED/SW/UP BOARD					
LUTRON ELECTRONICS CO. INC					
COOPERSBURG, PA 18036					
610-282-3800					
CODE					
ISSUE					
RP					
SF					
QC					
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SM					

TANGO SCHEMATIC DWG DO NOT SCALE

25 mil absolute grid

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TEST POINTS	
(TP6)	GND
(TP9)	Vout
(TP10)	Vbatt
(TP12)	USHDN
(TP13)	LBO
(TP14)	SHDN
(TP15)	TCAP
(TP16)	BUSY FLAG
(TP17)	SWCOL
(TP18)	SWROW

