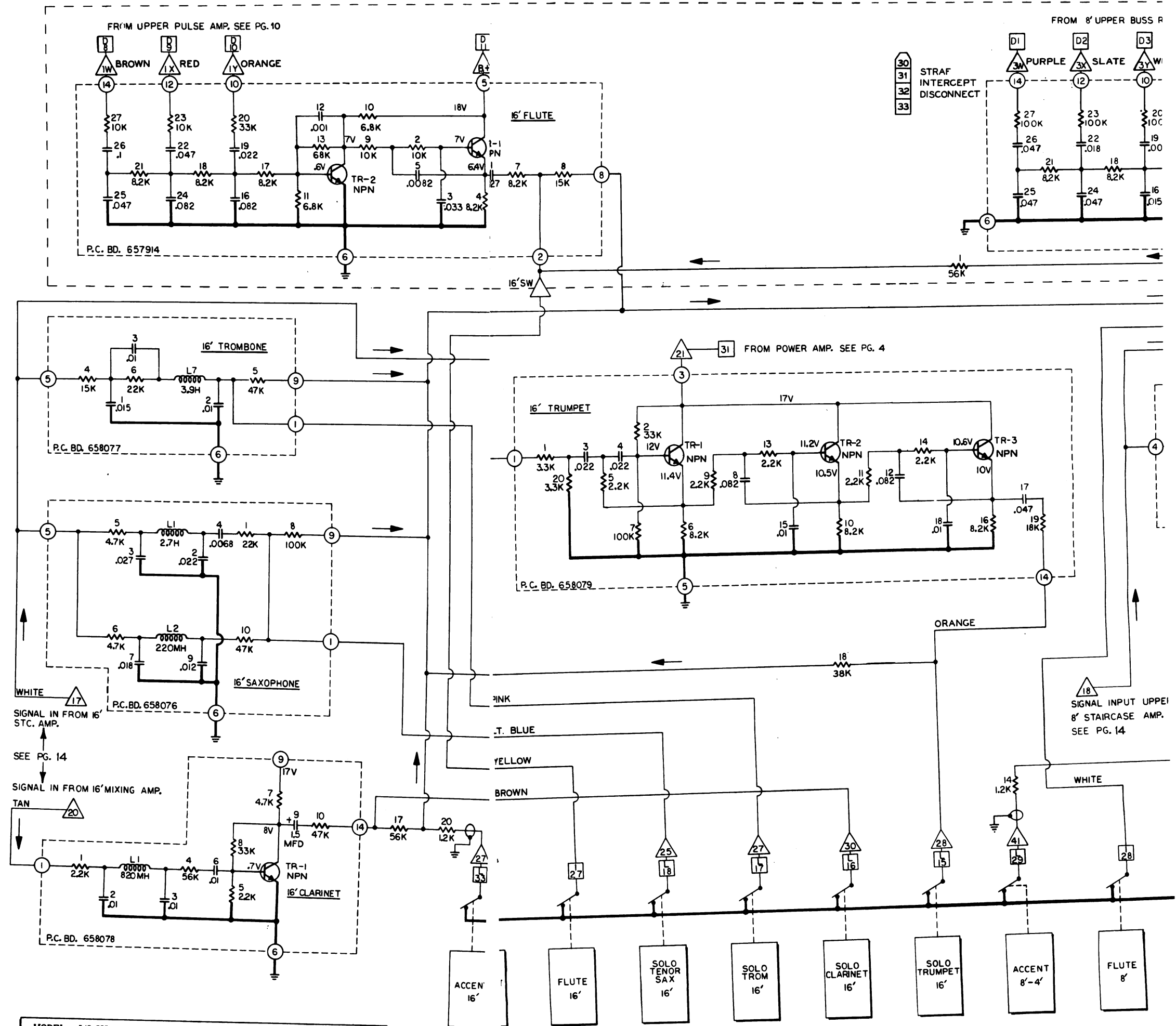
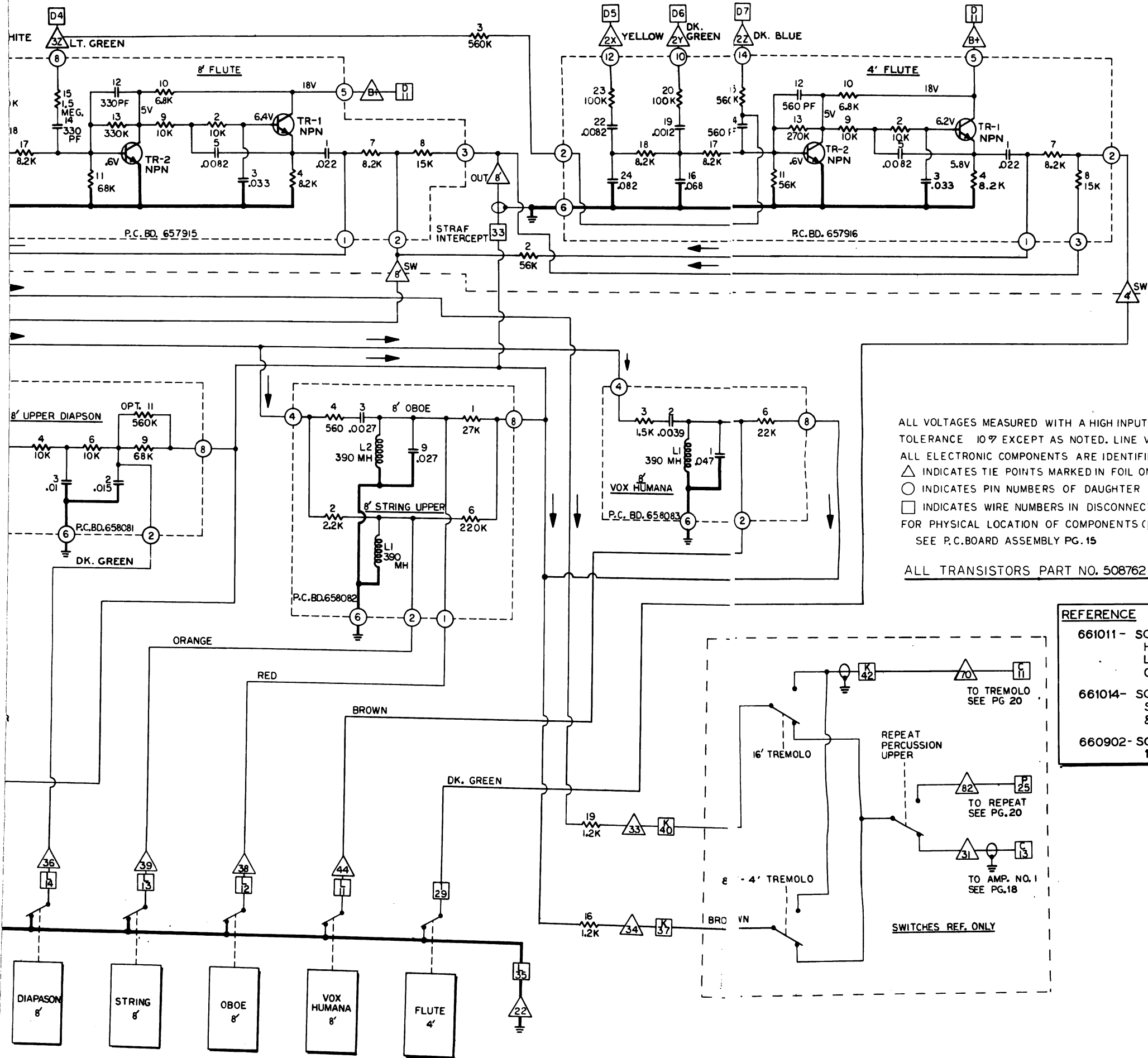


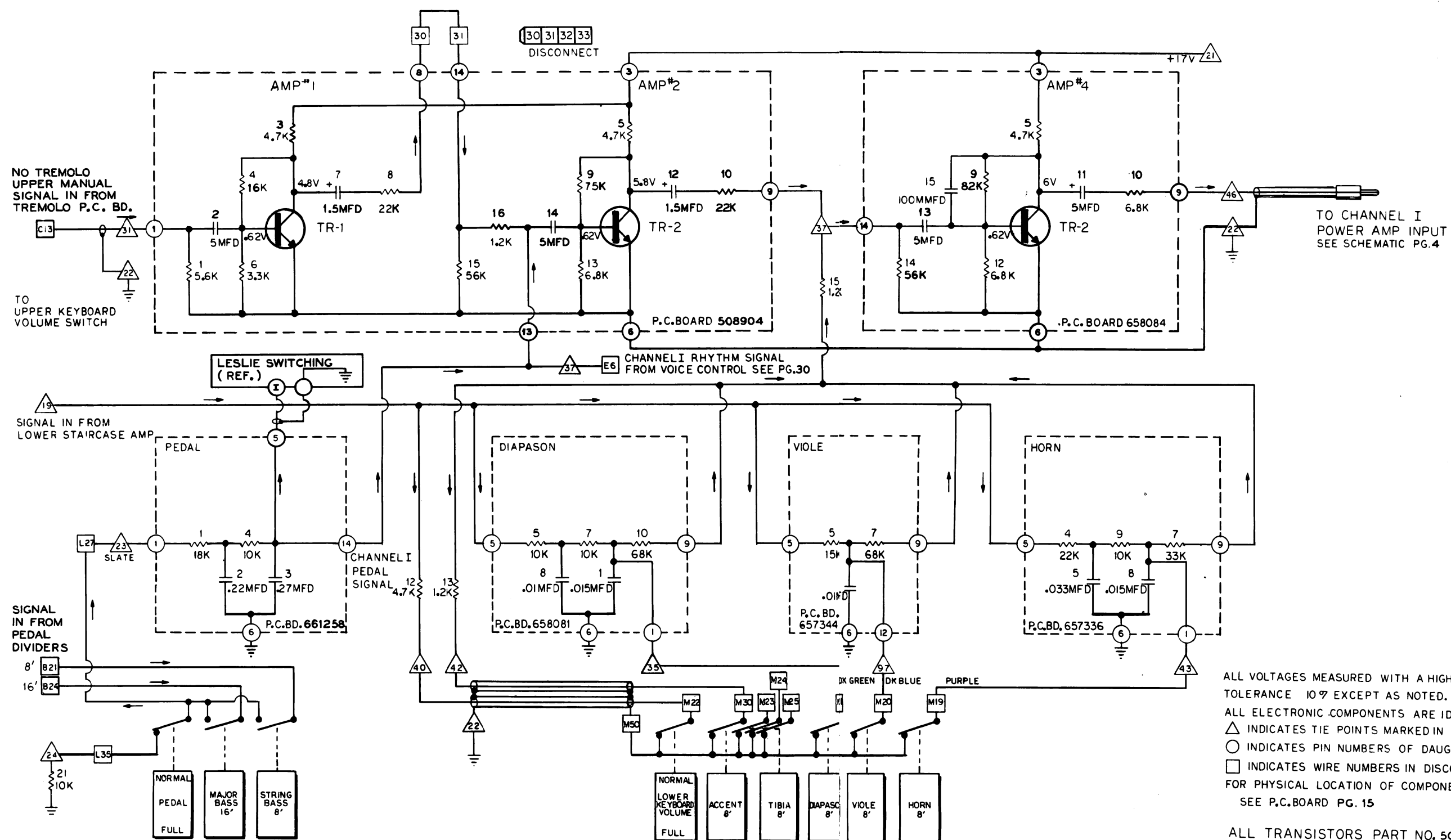


MODEL - 545-555 PART NO - 661471-S-1-E-1
 TITLE - STRAF SCHEM. UPPER
 STARTING SERIAL NO. - M-545 - 1096175, M-555 - 1097725 DATE - 5/1/74
 THE WURLITZER COMPANY - DEKALB DIVISION - DEKALB, ILL.

OD SEE PG. 8

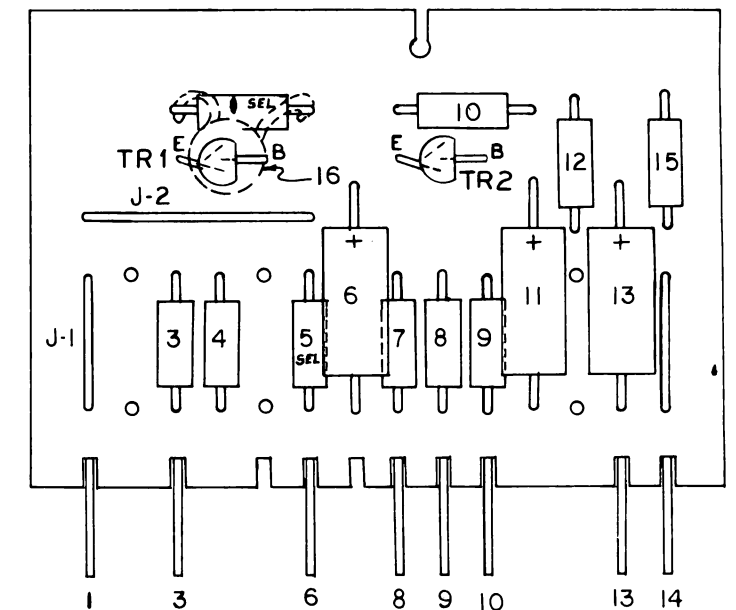
FROM 4' UPPER BUS ROD SEE PG. 8



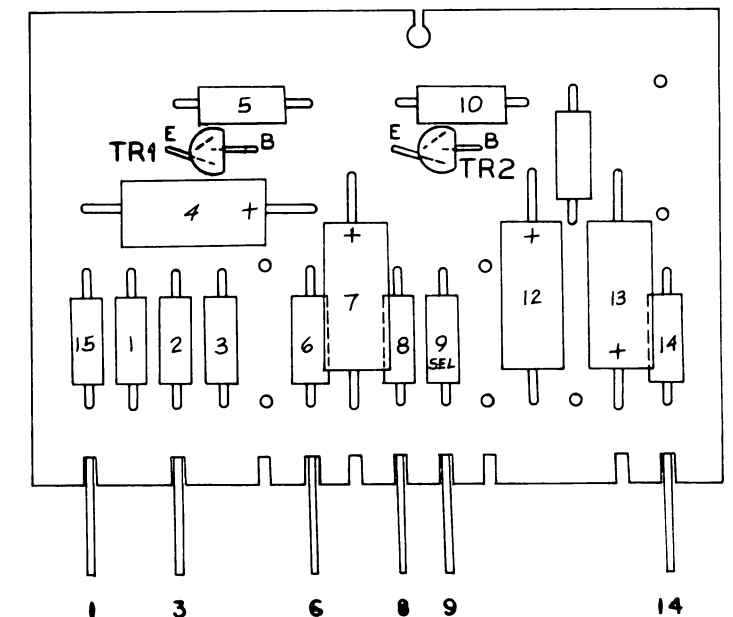


MODEL - 545-555 PART NO - 661472-S-1-E-1
 TITLE - STRAP SCHEM. LOWER - PEDAL - AMPS 1-2-4
 STARTING SERIAL NO. - M-545 - 1096175, M-555 - 1097725 DATE - 5/1/74
 THE WURLITZER COMPANY - DEKALB DIVISION - DEKALB, ILL.

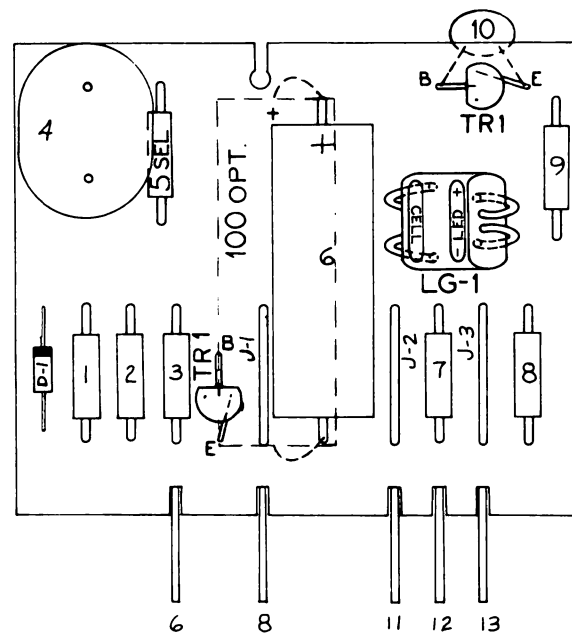
661257 AMP 7 & 8



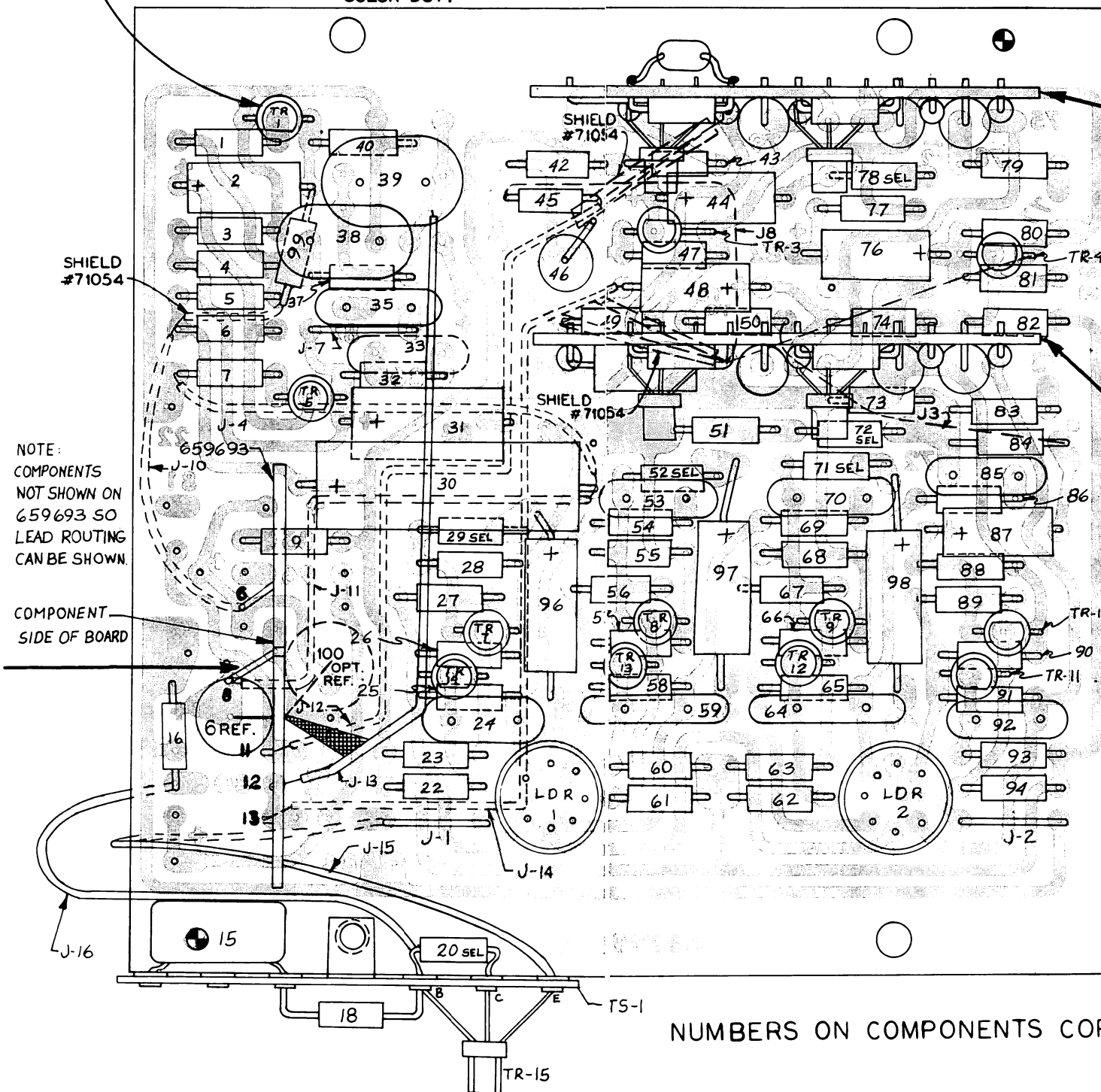
661253 AMP 5 & 6



659693 PSM KEYER



TYP. OPT. TRANSISTORS
508762
NOTE BASING EBC SERVICE SPECIFY
COLOR DOT.

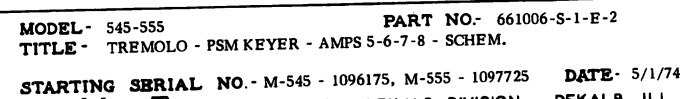


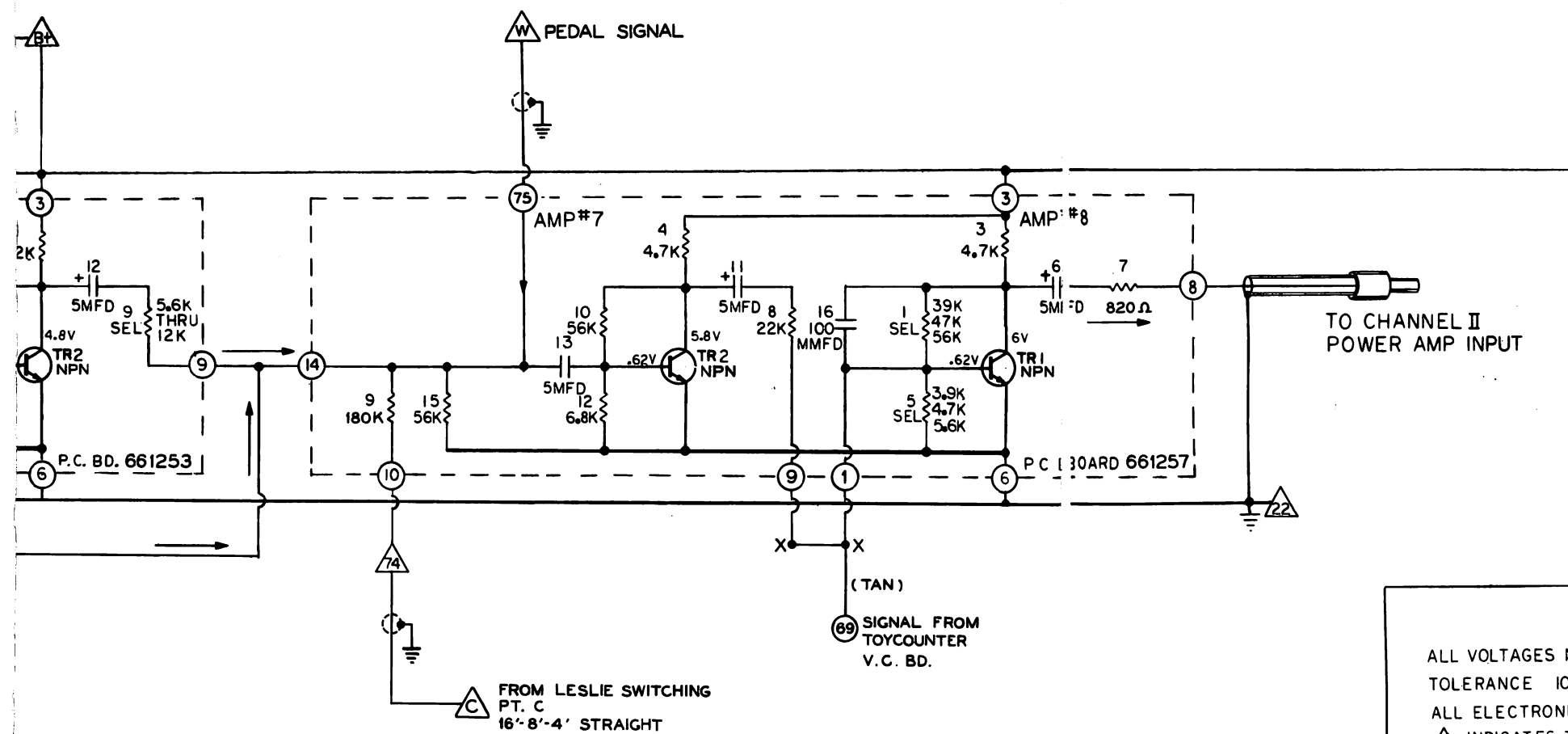
NOTE:
COMPONENTS
NOT SHOWN ON
659693 SO
LEAD ROUTING
CAN BE SHOWN.

COMPONENT
SIDE OF BOARD

NUMBERS ON COMPONENTS CORRESPOND TO NUMBERS ON SCHEMATIC PAGE 20

MODEL - 545-555 PART NO. - 661005-S-1-E-3
TITLE - TREMOLO - PSM KEYER - AMPS 5-6-7-8 - P.C. BD.
STARTING SERIAL NO. - M-545 - 1096175, M-555 - 1097725 DATE - 5/1/74
THE WURLITZER COMPANY - DEKALB DIVISION - DEKALB, ILL





ALL VOLTAGES MEASURED WITH A HIGH INPUT IMPEDANCE VOLTMMETER TOLERANCE 10% EXCEPT AS NOTED. LINE VOLTAGE 120 VOLTS-60 HZ.

ALL ELECTRONIC COMPONENTS ARE IDENTIFIED BY A NUMBER. EX. $\frac{9}{56K}$

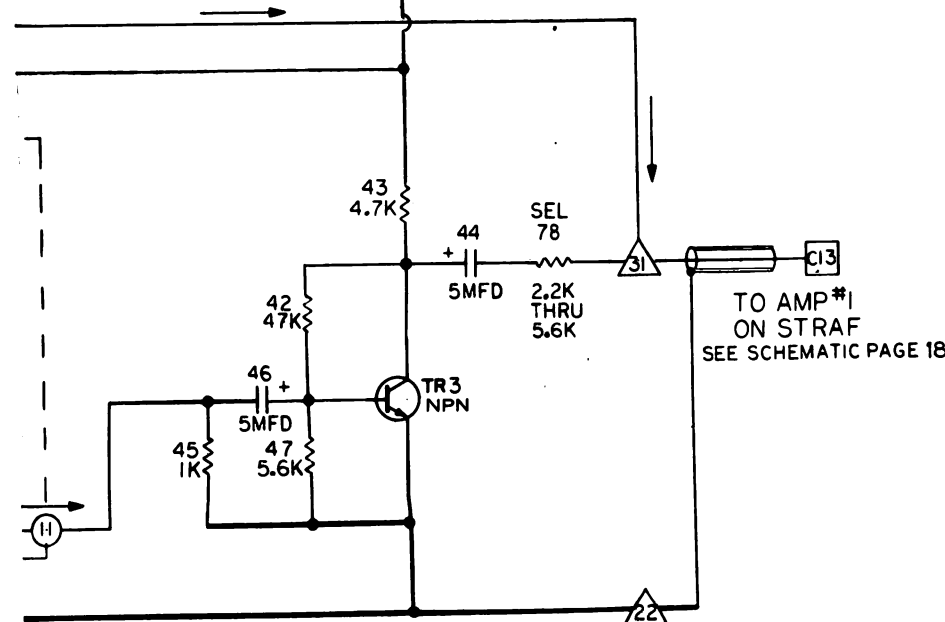
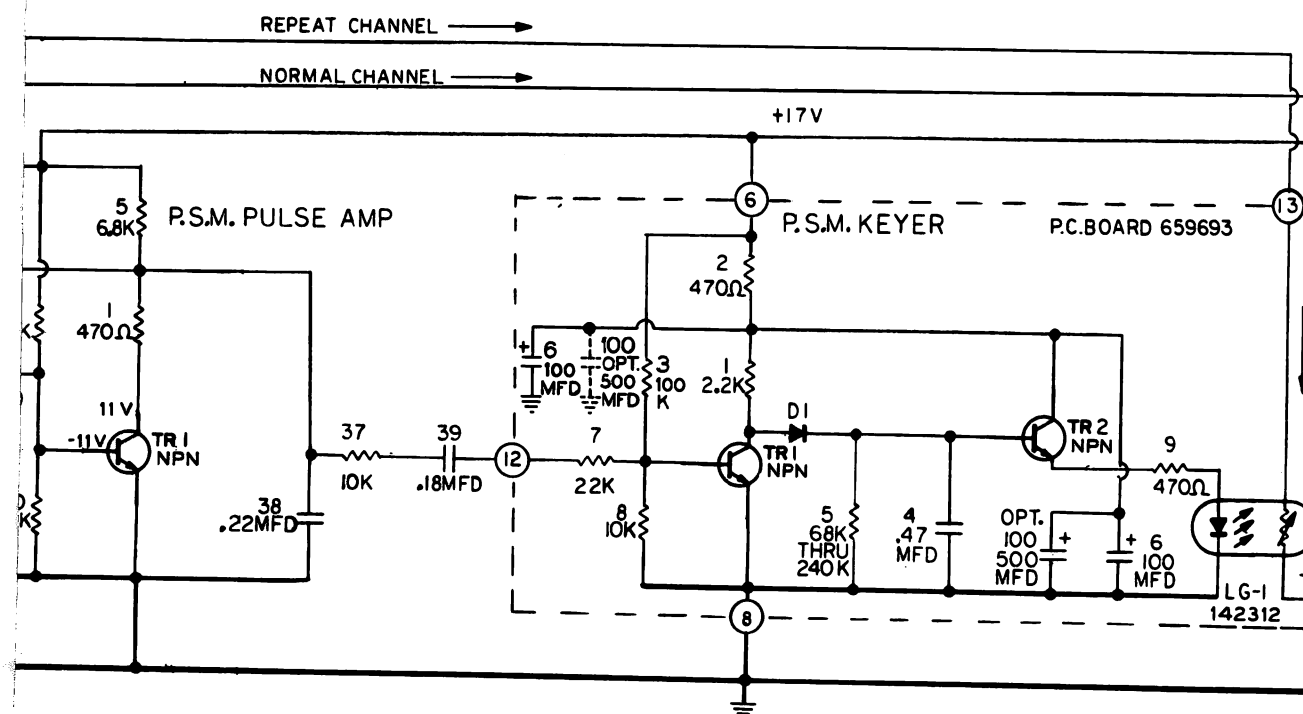
△ INDICATES TIE POINTS MARKED IN FOIL ON P.C. BOARDS.

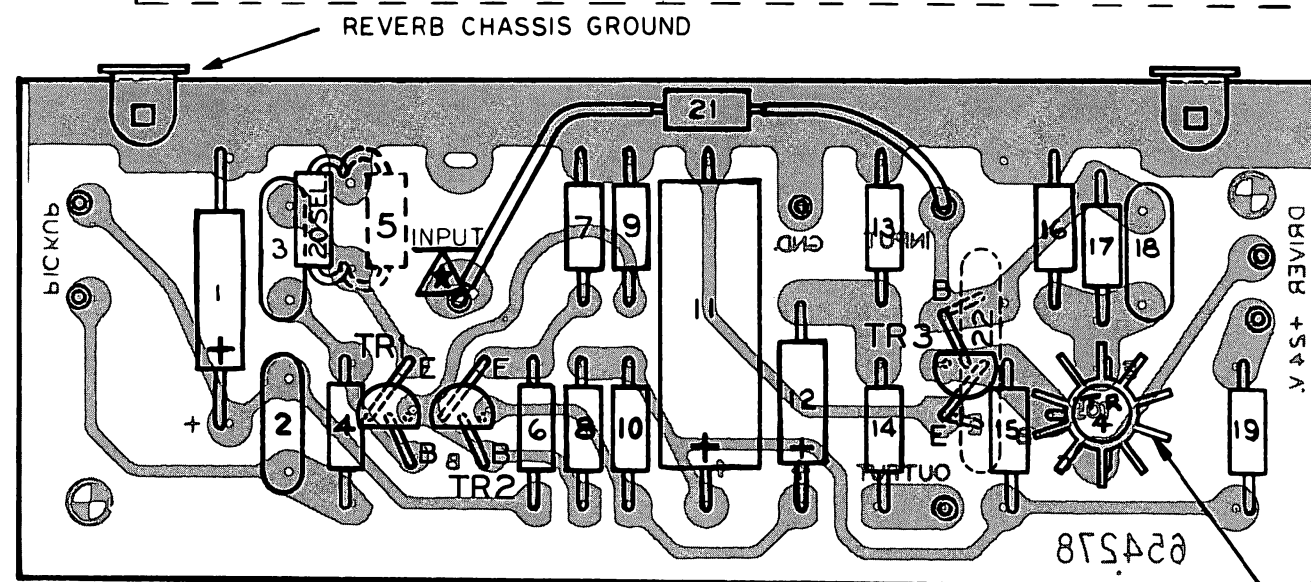
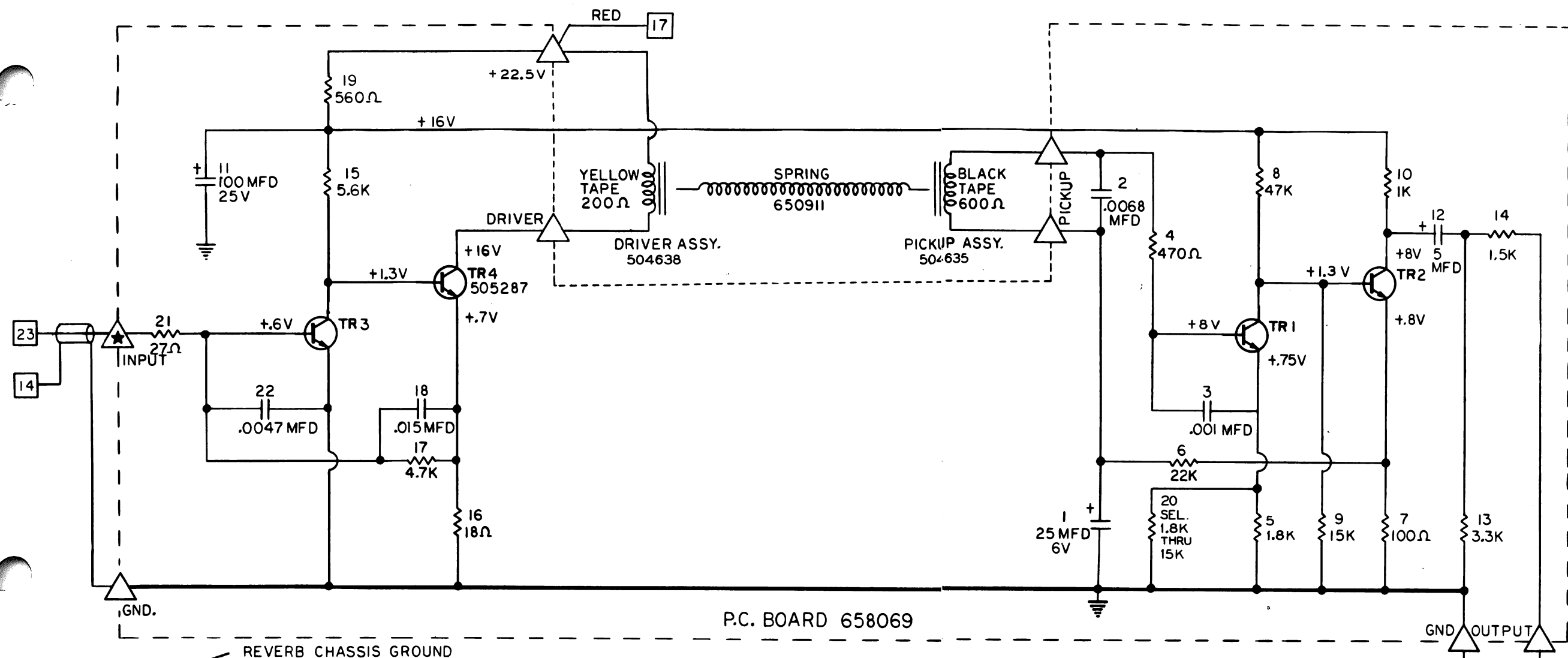
○ INDICATES PIN NUMBERS OF DAUGHTER P.C. BOARDS.

□ INDICATES WIRE NUMBERS IN DISCONNECTS. SEE PAGE 2 FOR PHYSICAL LOCATION OF COMPONENTS (EXCEPT AS NOTED)

SEE P.C. BOARD ASSEMBLY PG. 19

ALL TRANSISTORS PART NO. 508762 EXCEPT AS NOTED.



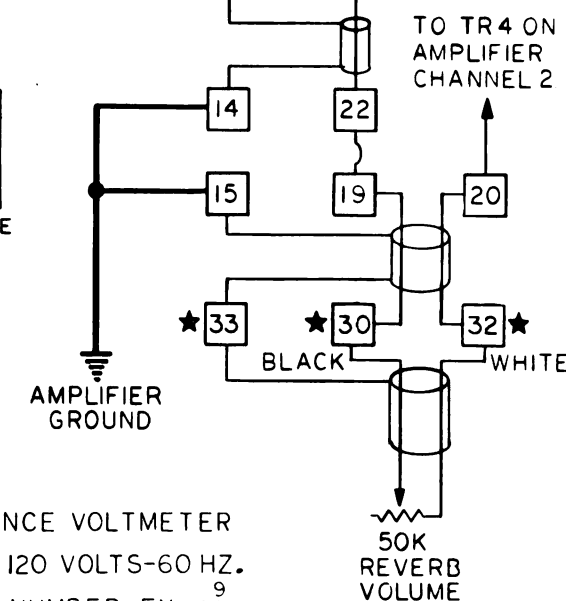


P
13 29 26
33 12 32
25 28 34
REPEAT & REVERB

G
32
33
30
REVERB VOL

13 17 21
14 18 22
15 19 23
16 20
CASSETTE REVERB

VIEW FROM WIRE SIDE OF DISCONNECT ON CABLE



ALL VOLTAGES MEASURED WITH A HIGH INPUT IMPEDANCE VOLTMETER TOLERANCE 10% EXCEPT AS NOTED. LINE VOLTAGE 120 VOLTS-60 HZ. ALL ELECTRONIC COMPONENTS ARE IDENTIFIED BY A NUMBER. EX. 56K

△ INDICATES TIE POINTS MARKED IN FOIL ON P.C. BOARDS.

○ INDICATES PIN NUMBERS OF DAUGHTER P.C. BOARDS.

□ INDICATES WIRE NUMBERS IN DISCONNECTS. SEE PAGE 2

ALL TRANSISTORS PART NO. 508762 EXCEPT AS NOTED.

MODEL - 545-555 PART NO. - 658070-S-1-E-9
TITLE - REVERB. SCHEM. & P.C. BD.
STARTING SERIAL NO. - M-545 - 1096175, M-555 - 1097725 DATE - 5/1/74
THE WURLITZER COMPANY - DEKALB DIVISION - DEKALB, ILL.



NO⁻ BASING

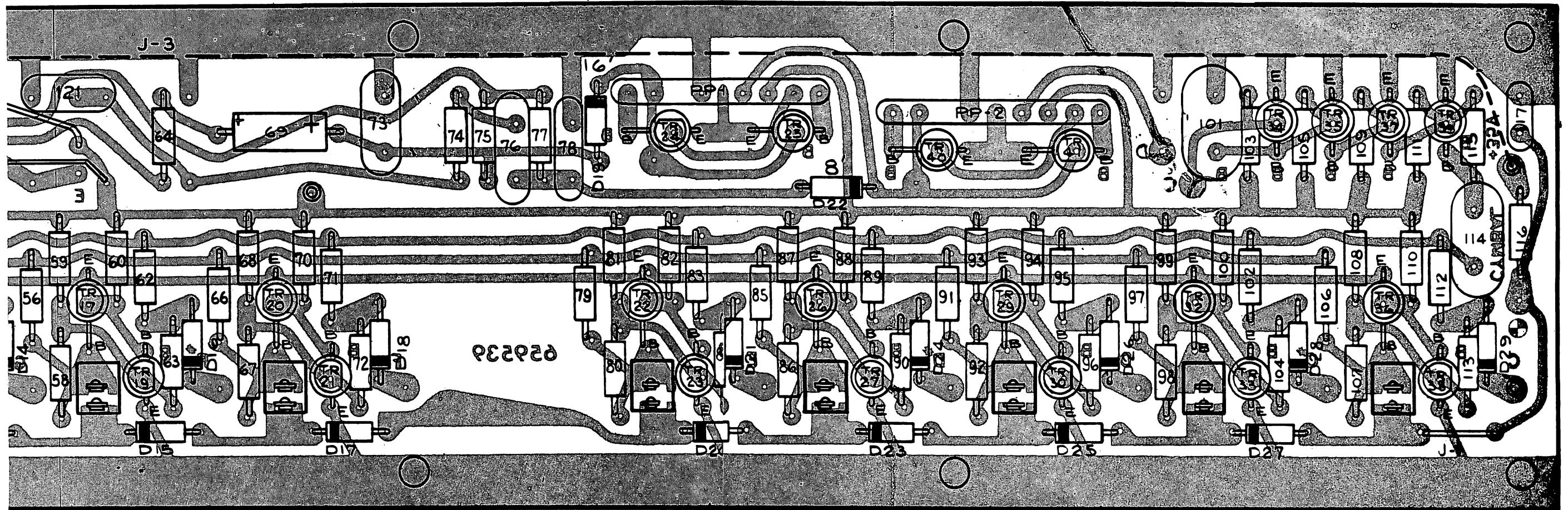
SERVICE SPECIFY
COLOR DOT.

NOTES

BAND INDICATES CAT
ALL DIODES WURLITZ

SEE SCHEMATIC PG.2;
AND COMPLETE CIRC
NUMBERS ON COMPON
NUMBERS ON SCHEMA
DOTTED COMPONENTS
BOARD.

STARTING SERIAL NO. - M-545 - 1096175, M-555 - 1097725 DATE- 5/1/74
THE WURLITZER COMPANY - DEKALB DIVISION -, DEKALB, ILL.



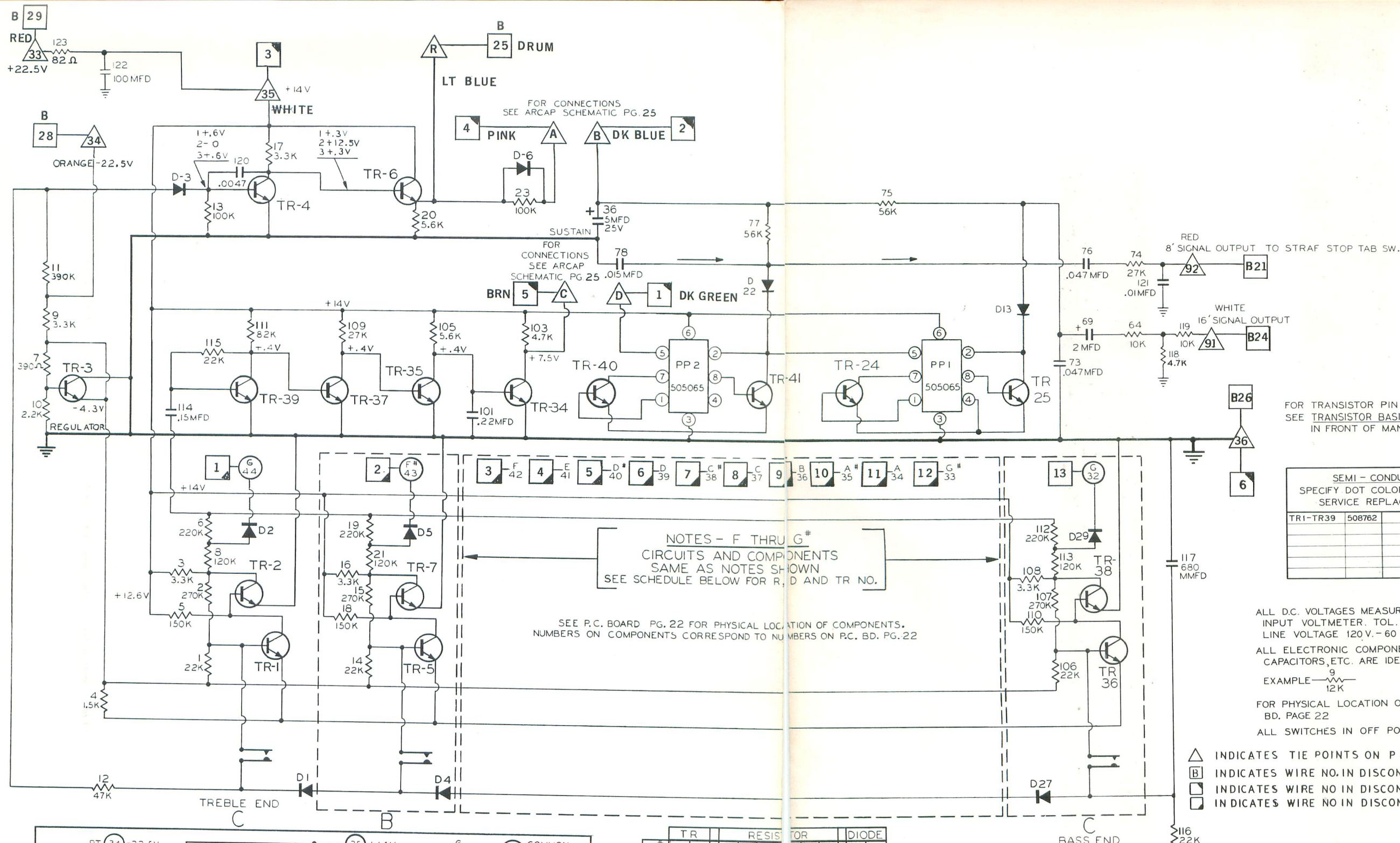
BASS END

'HODE END OF DIODE.
ZER 504720.

3 FOR CONNECTIONS
UITS.

IENTS CORRESPOND TO
TIC PG.23

ON UNDERSIDE OF



FOR TRANSISTOR PIN ORIENTATION
SEE TRANSISTOR BASING DIAGRAM
IN FRONT OF MANUAL

SEMI-CONDUCTOR SPECIFY DOT COLOR CODE FOR SERVICE REPLACEMENT.		
TR1-TR39	508762	

ALL D.C. VOLTAGES MEASURED WITH A HI IMPEDANCE
INPUT VOLTMETER. TOL. $\pm 10\%$ EXCEPT AS NOTED.
LINE VOLTAGE 120V.-60 HERTZ.

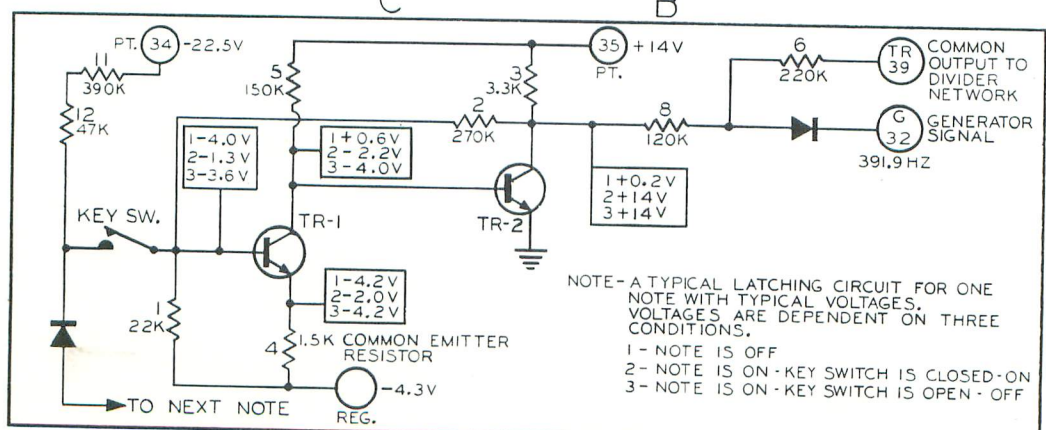
ALL ELECTRONIC COMPONENTS SUCH AS RESISTORS,
CAPACITORS, ETC. ARE IDENTIFIED WITH A NUMBER.

EXAMPLE $\frac{9}{12K}$

FOR PHYSICAL LOCATION OF COMPONENTS SEE P.C.
BD. PAGE 22

ALL SWITCHES IN OFF POSITION.

- Δ INDICATES TIE POINTS ON P.C. BOARD
- $\square$ INDICATES WIRE NO. IN DISCONNECT 'B'
- $\square$ INDICATES WIRE NO. IN DISCONNECT TO ARCAP
- $\square$ INDICATES WIRE NO. IN DISCONNECT TO UPPER MANUAL



NOTE - A TYPICAL LATCHING CIRCUIT FOR ONE
NOTE WITH TYPICAL VOLTAGES.
VOLTAGES ARE DEPENDENT ON THREE
CONDITIONS.
1 - NOTE IS OFF
2 - NOTE IS ON - KEY SWITCH IS CLOSED - ON
3 - NOTE IS ON - KEY SWITCH IS OPEN - OFF

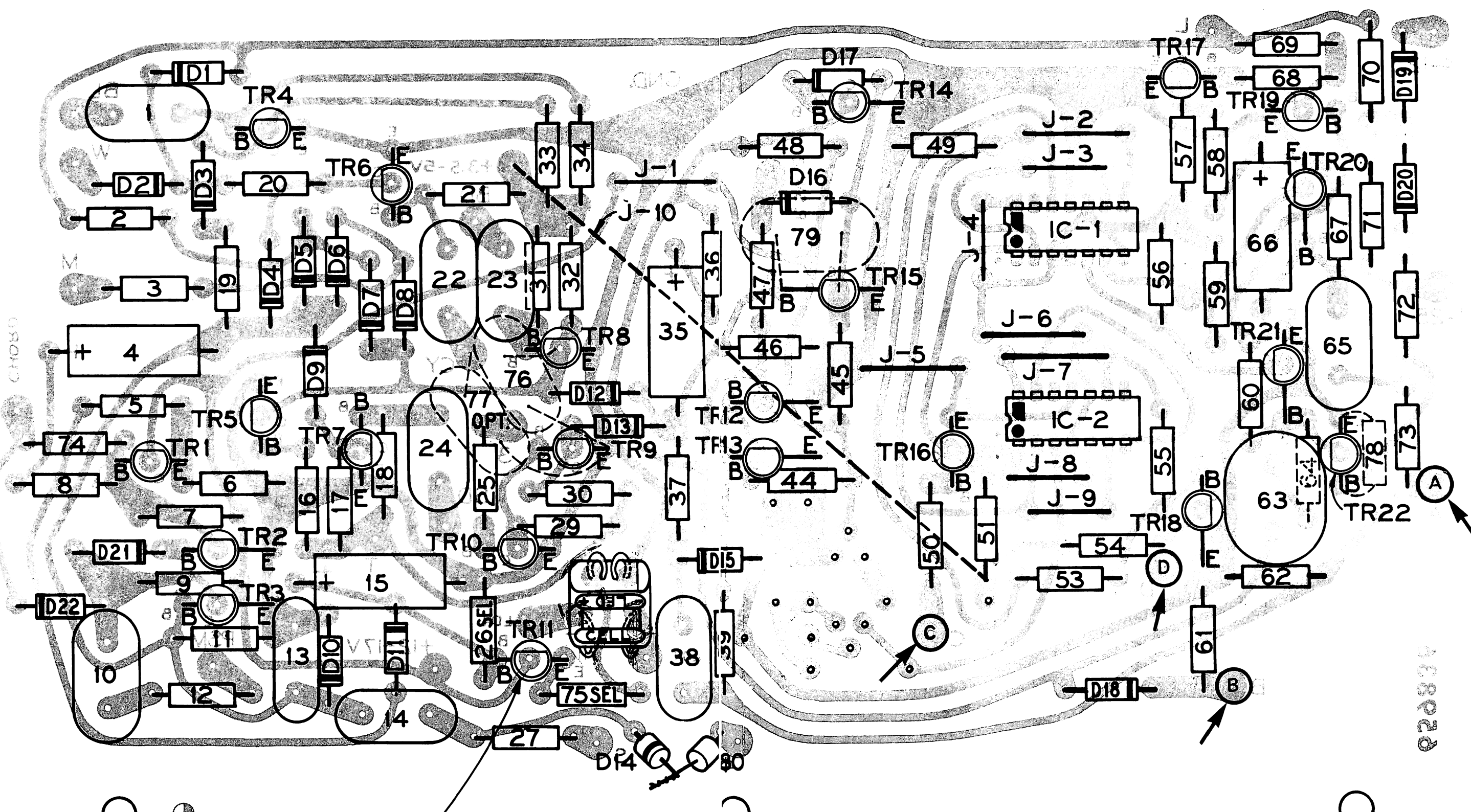
TR	RESISTOR	DIODE
G# 32 33 97 98 99 100	102 104 28 25	
A 29 30 91 92 93 94	4 95 96 26 23	
A# 26 27 85 86 87 88	8 89 90 24 20	
B 22 23 79 80 81 82	2 83 84 21 17	
C 20 21 66 67 68 69	0 71 72 18 15	
C# 17 19 56 58 59 60	0 62 63 16 13	
D 15 16 49 50 51 52	2 54 55 14 11	
D# 12 14 39 41 42 43	3 45 47 12 9	
E 10 11 31 32 33 34	4 37 38 10 7	
F 8 9 22 24 25 26	7 28 29 8 4	

TO ARCAP

DISC. B

TO UPPER
MANUAL

MODEL - 545-555 PART NO. - 508940-S-1-E-2
TITLE - PEDAL SCHEM.
STARTING SERIAL NO. - M-545 - 1096175, M-555 - 1097725 DATE - 5/1/74
THE WURLITZER COMPANY - DEKALB DIVISION - DEKALB, ILL.



TYP. OPT. TRANSISTORS



508762

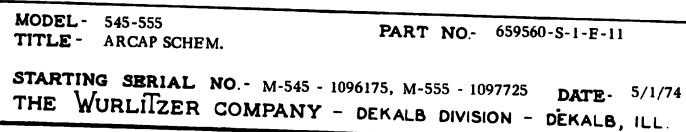
SERVICE SPECIFY
COLOR DOT

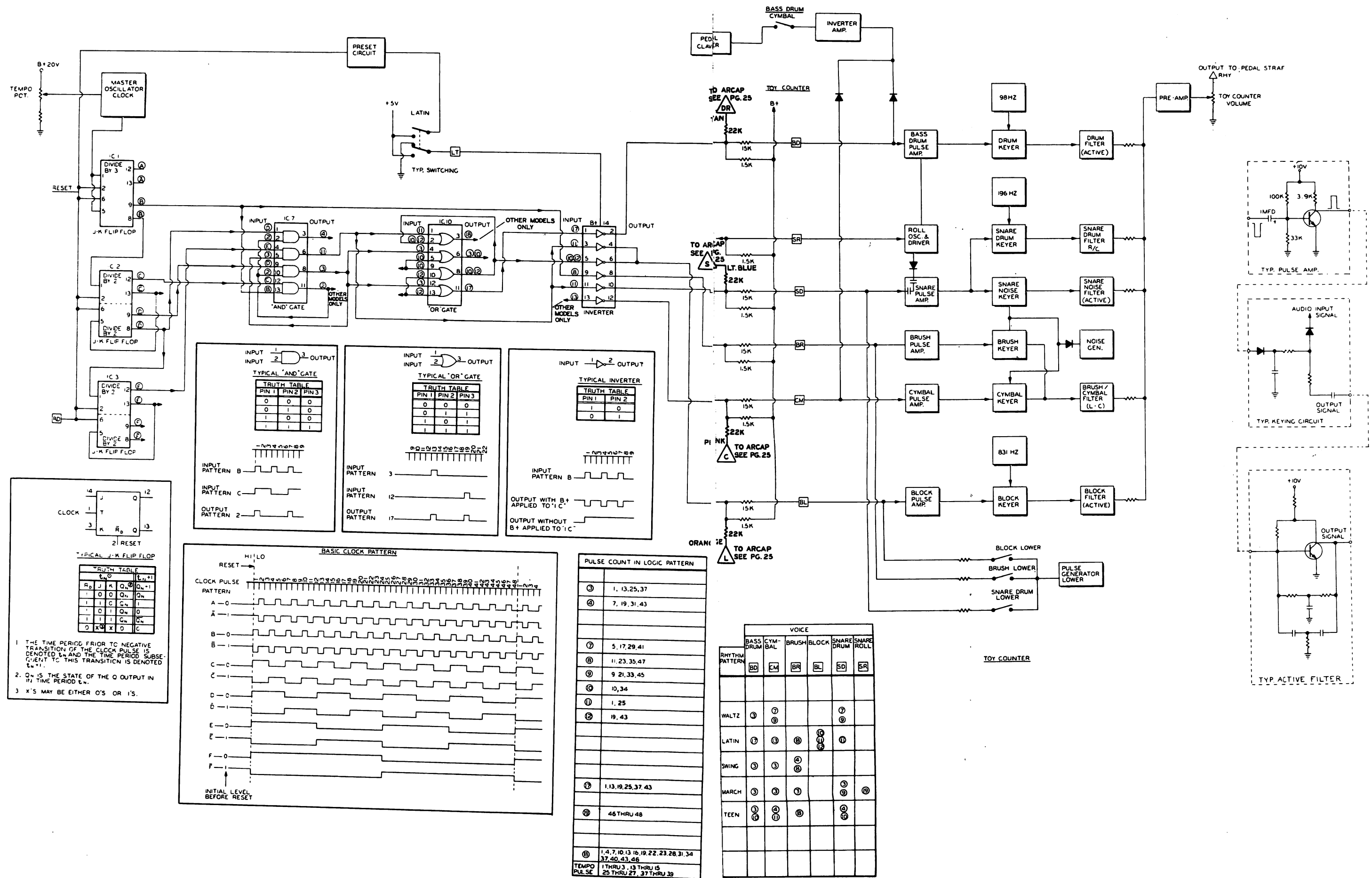
NOTE BASING

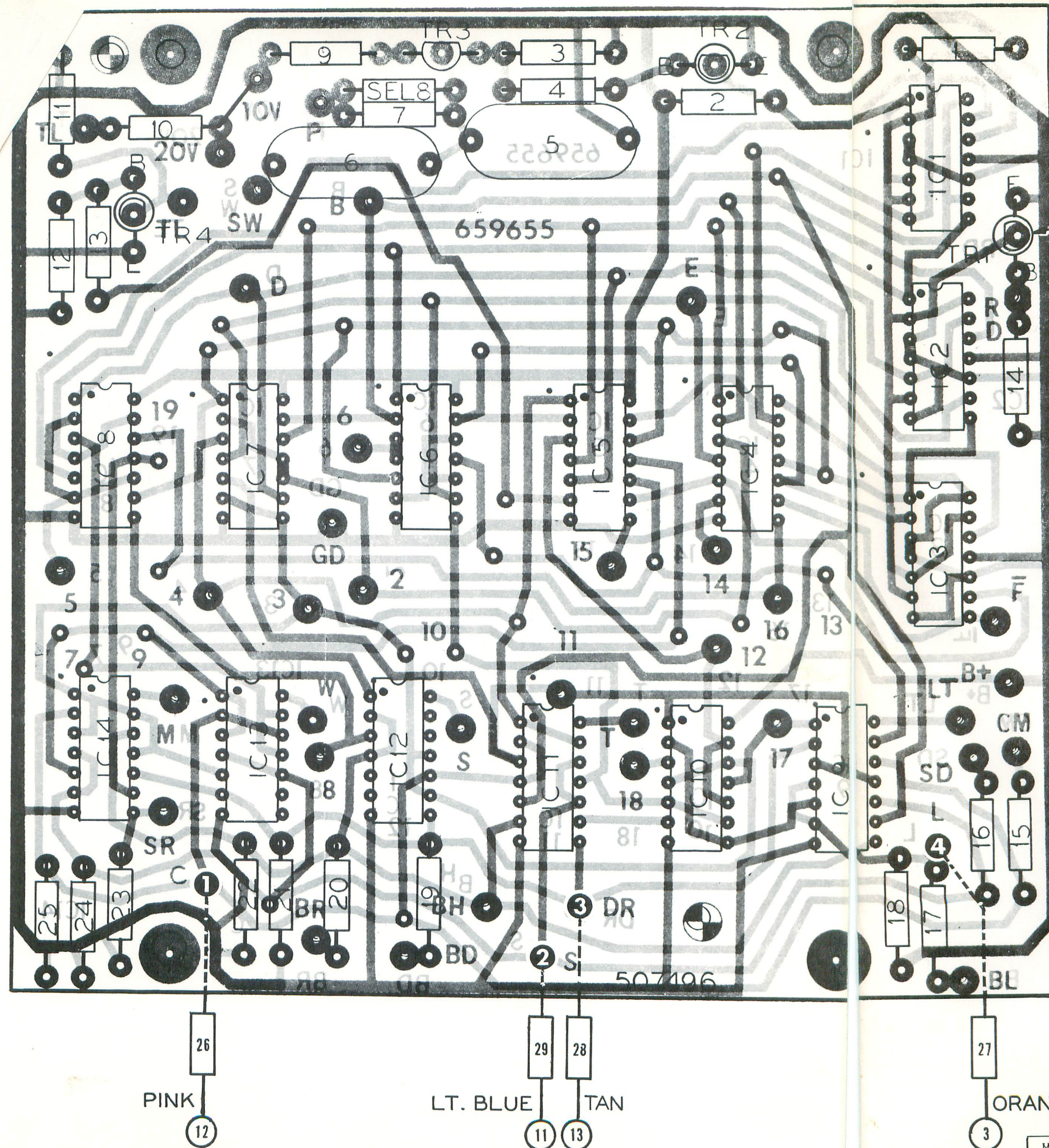
24

MODEL - 545-555
TITLE - ARCAP P.C. BD.
PART NO. - 659559-S-1-E-13
STARTING SERIAL NO. - M-545 - 1096175, M-555 - 1097725 DATE - 5/1/74
THE WURLITZER COMPANY - DEKALB DIVISION - DEKALB, ILL.

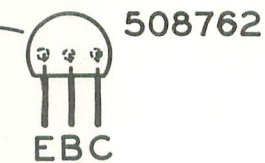
NOTES -
SEE SCHEMATIC PG.25 FOR CONNECTIONS
AND COMPLETE CIRCUITS.
NUMBERS ON COMPONENTS CORRESPOND
TO NUMBERS ON SCHEMATIC PAGE 25
BAND INDICATES CATHODE END OF DIODE.







TYP. OPT. TRANSISTORS



NOTE BASING

SERVICE SPECIFY COLOR
DOT

NOTE; R-26, R-27, R-28, R-29
INSTALLED FROM TIE POINTS
ON P.C. BOARD TO ARCAP
CABLE.

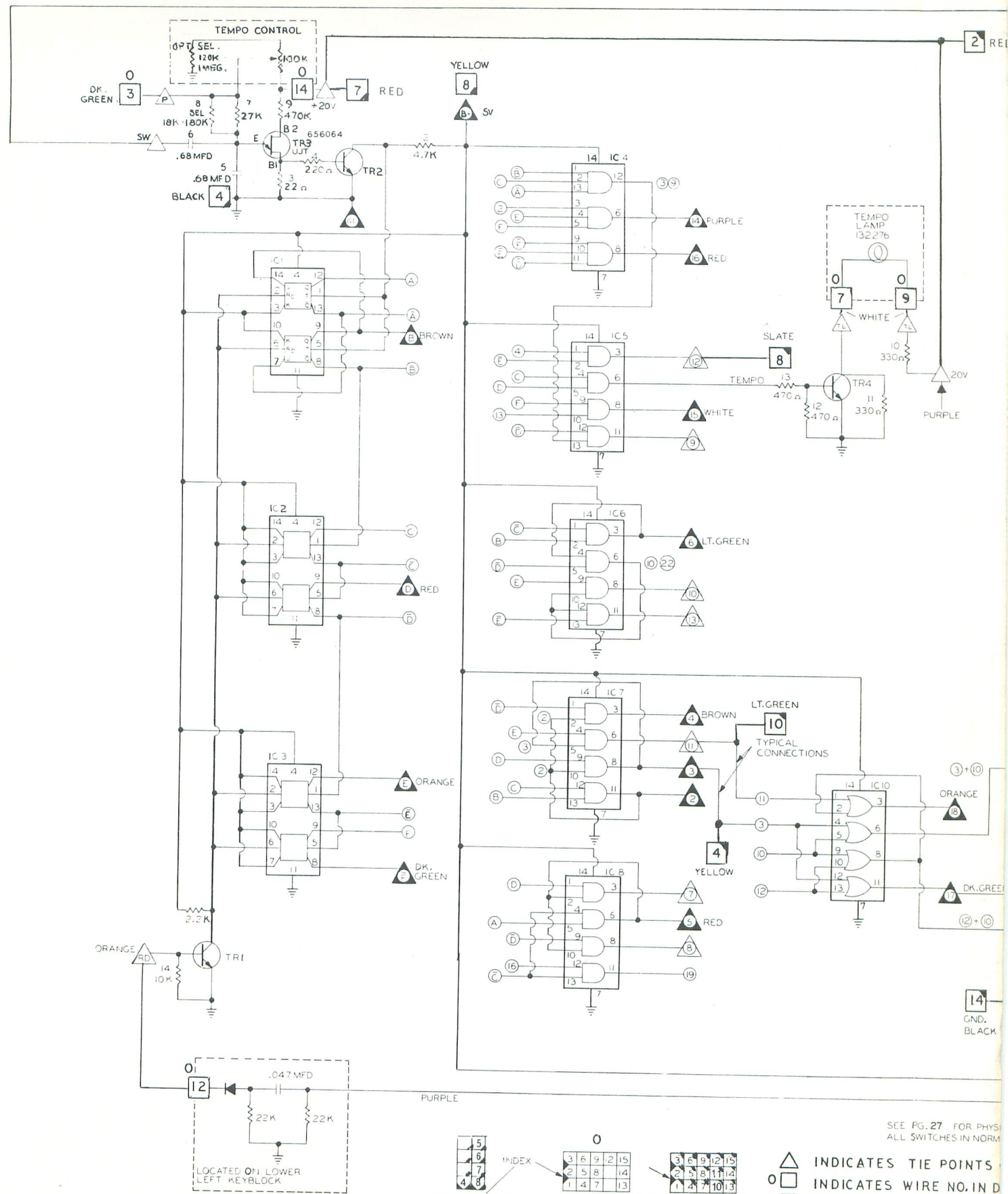
SEE SCHEMATIC 507956
PAGE 28 FOR COMPLETE
CIRCUIT UNIT.

NUMBERS ON COMPONENTS
CORRESPOND TO NUMBERS ON
SCHEMATIC 507956 PAGE 28

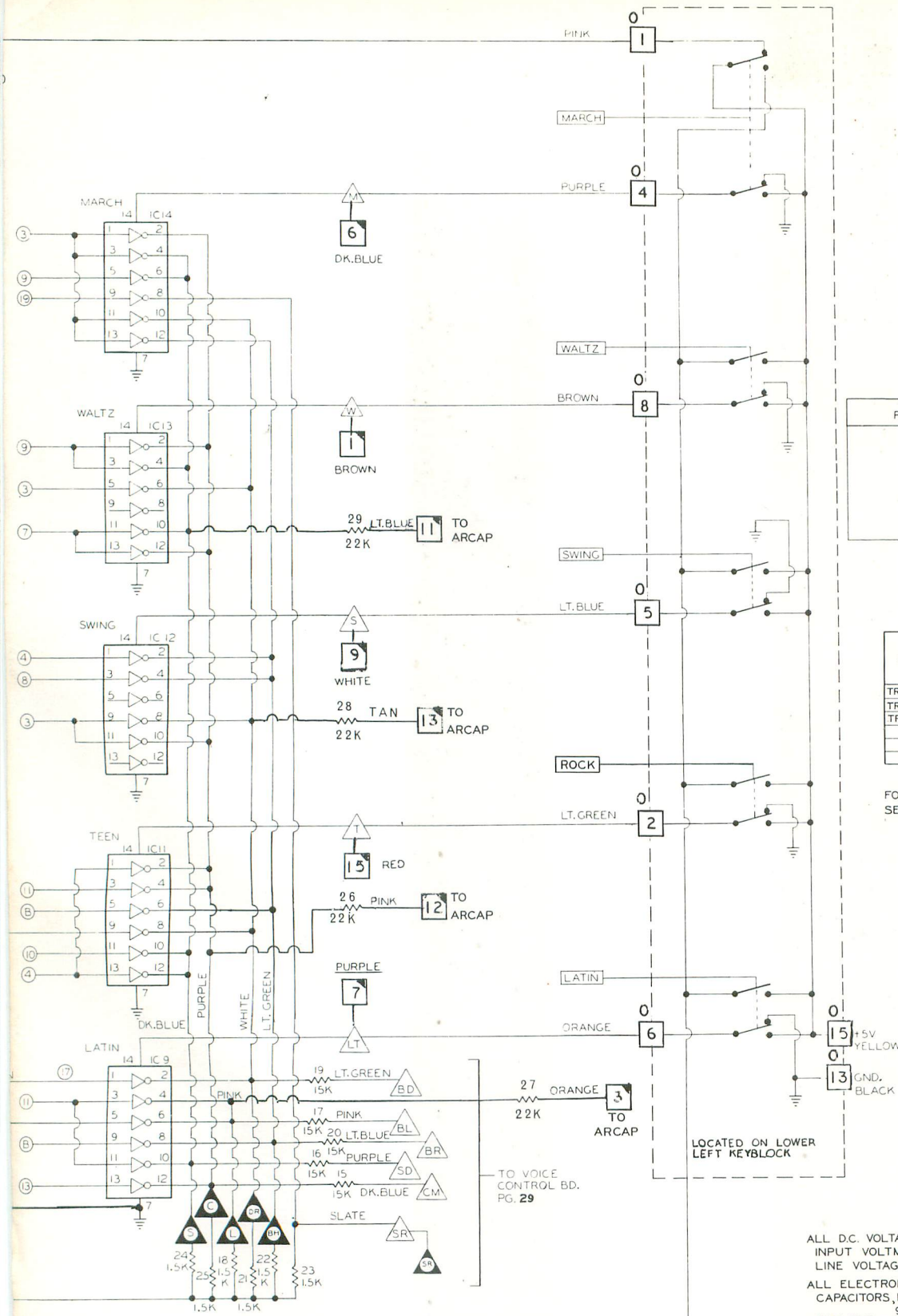
MODEL - 545-555
TITLE - RHYTHM LOGIC P.C. BD.

PART NO. - 507496-S-1-E-3

STARTING SERIAL NO. - M-545 - 1096175, M-555 - 1097725 DATE - 5/1/74
THE WURLITZER COMPANY - DEKALB DIVISION - DEKALB, ILL.



MODEL - 545-555 PART NO - 507956-S-1-E-3
 TITLE - RHYTHM LOGIC SCHEM.
 STARTING SERIAL NO. - M-545 - 1096175, M-555 - 1097725 DATE - 5/1/74
 THE WURLITZER COMPANY - DEKALB DIVISION - DEKALB, ILL.

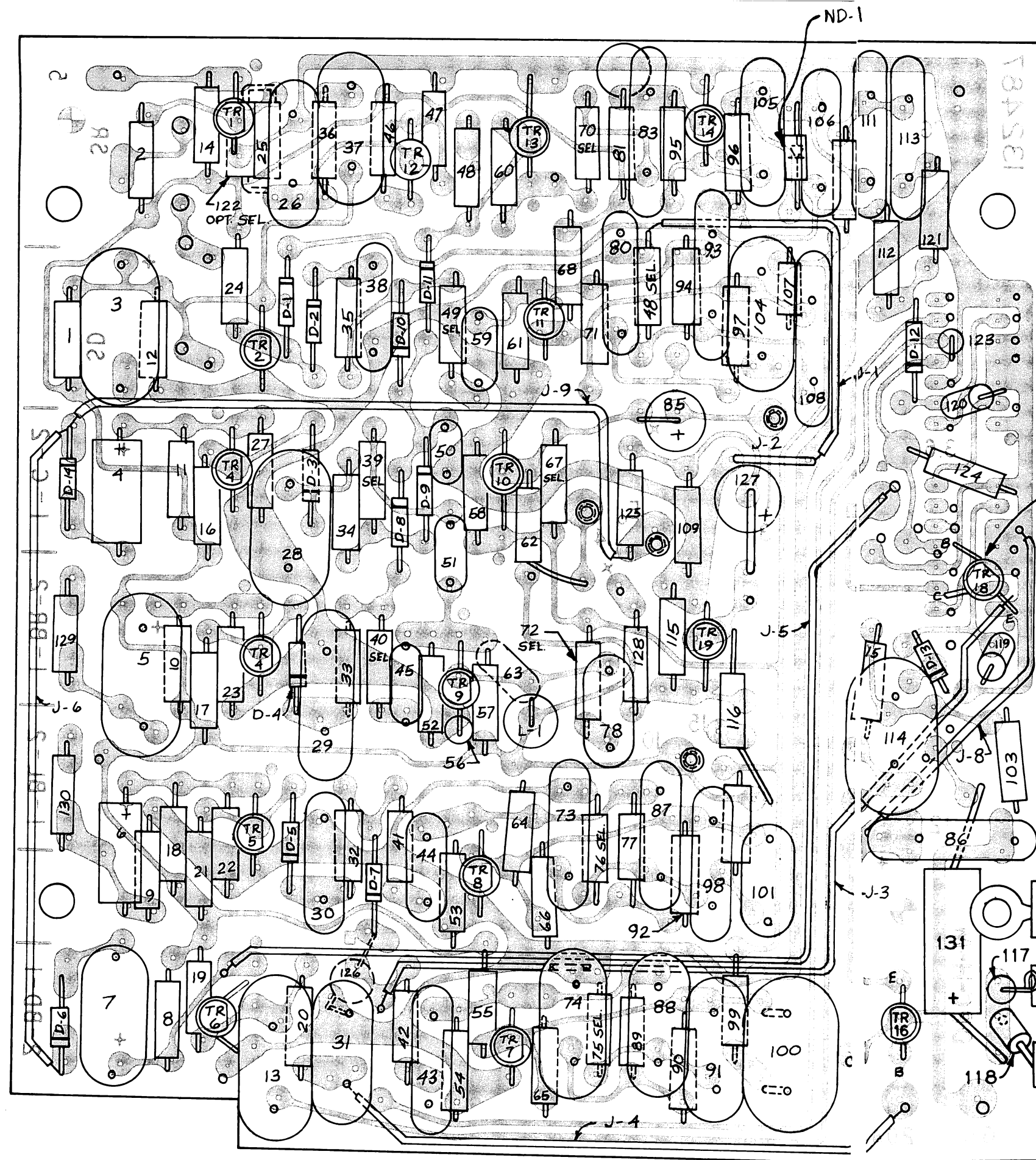


PART	NUMBER	PART NO.
IC 1, 2, 3	138403	
IC 4	138317	
IC 5, 6, 7, 8	138315	
IC 9, 11, 12, 13, 14	659567	
IC 10	138381	

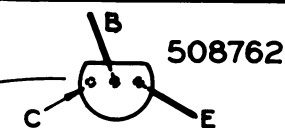
SEMI-CONDUCTOR SPECIFY DOT COLOR CODE FOR SERVICE REPLACEMENT.		
TR1 & TR2	508762	
TR3 (WJT)	656064	
TR4	508762	

FOR TRANSISTOR PIN ORIENTATION SEE TRANSISTOR BASING DIAGRAM IN FRONT OF MANUAL

ALL D.C. VOLTAGES MEASURED WITH A HI IMPEDANCE INPUT VOLTMETER. TOL. ± 10% EXCEPT AS NOTED. LINE VOLTAGE 120 V. - 60 HERTZ.
 ALL ELECTRONIC COMPONENTS SUCH AS RESISTORS, CAPACITORS, ETC. ARE IDENTIFIED WITH A NUMBER.
 EXAMPLE: 22K



TYP. OPT. TRANSISTORS



NOTE BASING

SERVICE SPECIFY
COLOR DOT.

NOTES-

SEE SCHEMATIC PG.30 FOR CONNECTIONS
AND COMPLETE CIRCUITS.

NUMBERS ON COMPONENTS CORRESPOND
TO NUMBERS ON SCHEMATIC PAGE 30.

BAND INDICATES CATHODE END OF DIODE.

MODEL - 545-555 PART NO - 661284-S-1-E-4
TITLE - RHYTHM V.C. P.C. BD.
STARTING SERIAL NO. - M-545 - 1096175, M-555 - 1097725 DATE - 5/1/74
THE WURLITZER COMPANY - DEKALB DIVISION - DEKALB, ILL.