

# SCHEMATIC DIAGRAM

(Parts list on pages 35 ~ 40)

(This schematic diagram may be modified at any time with the development of new technology.)

## Note 1:

- S601-1, S601-2 : Speaker selectors.  
S601-1: A S601-2: B
- S701 : Power "on/off" switch.
- S702 : Voltage selector switch. (For (G) area.)
- S901 ~ S910 : Preset-tuning (1-0) switches.  
[S901 : CH1, S902 : CH2, S903 : CH3,  
S904 : CH4, S905 : CH5, S906 : CH6,  
S907 : CH7, S908 : CH8, S909 : CH9,  
S910 : CH0]
- S911 : Music-scan/group-search switch.
- S912 : FM mode selector.
- S913, S914 : Band selectors.  
S913 : FM, S914 : AM
- S915, S916 : Tuning switches.  
S915 : ▼ (DOWN), S916 : ▲ (UP)
- S917 : Memory switch.
- S918 : Loudness switch.
- S919 ~ S926 : Group registration switches.  
[S919 : start, S920 : rock, S921 : jazz  
S922 : classic, S923 : easy, S924 : news  
S925 : other, S926 : end]
- S927 ~ S929, S931 : Input selector switches.  
[S927 : phono, S928 : tuner, S929 : CD,  
S931 : VCR1]
- S930 : Tape-monitor/VCR 2 switch.
- Signal line  
  - FM OSC : FM signal
  - AM OSC : AM signal
  - Phono signal : AF signal (Lch)
  - Positive voltage lines
  - Negative voltage lines

## Important safety notice:

Components identified by  $\Delta$  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts. Indicated voltage values are standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on internal impedance of the DC circuit tester.

All voltage values shown in circuitry are DC voltage in FM signal (Stereo signal) reception mode.

\* Figures in ( ) Stand for DC-voltage in AM signal reception mode.

## \* Caution!

- IC and LSI are sensitive to static electricity. Secondary trouble can be prevented by taking care during repair.
- Cover the parts boxes made of plastics with aluminum foil.
- Ground the soldering iron.
- Put a conductive mat on the work table.
- Do not touch the legs of IC or LSI with the fingers directly.

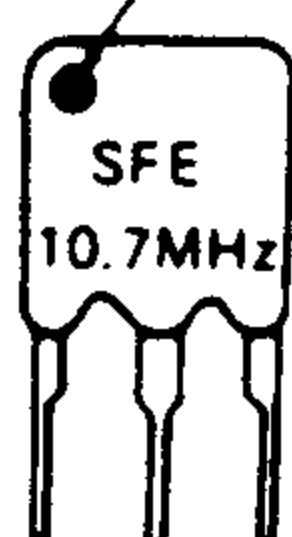
## Note2:

### • Use of ceramic filters in pairs

The ceramic filters (CF201, CF202) for FM-IF circuit are available in three ranks. For this circuit, be sure to use the ceramics of the same rank in a pair.

At repairing and replacement, pay close attention to the diodes (D914, D915) for use as different diodes must be used depending on each rank of the ceramic filters.

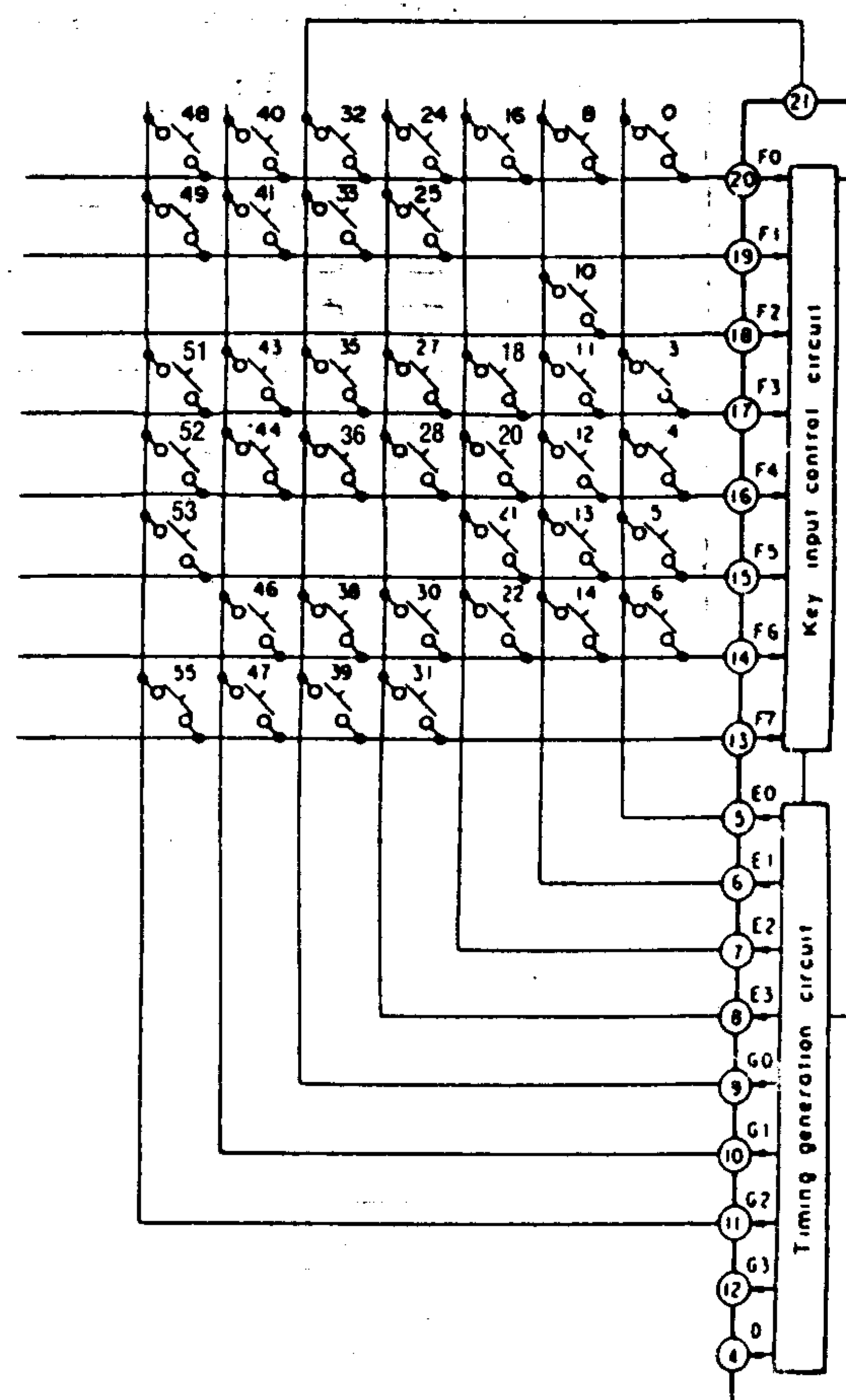
Color marking  
(Blue, Red or Orange)



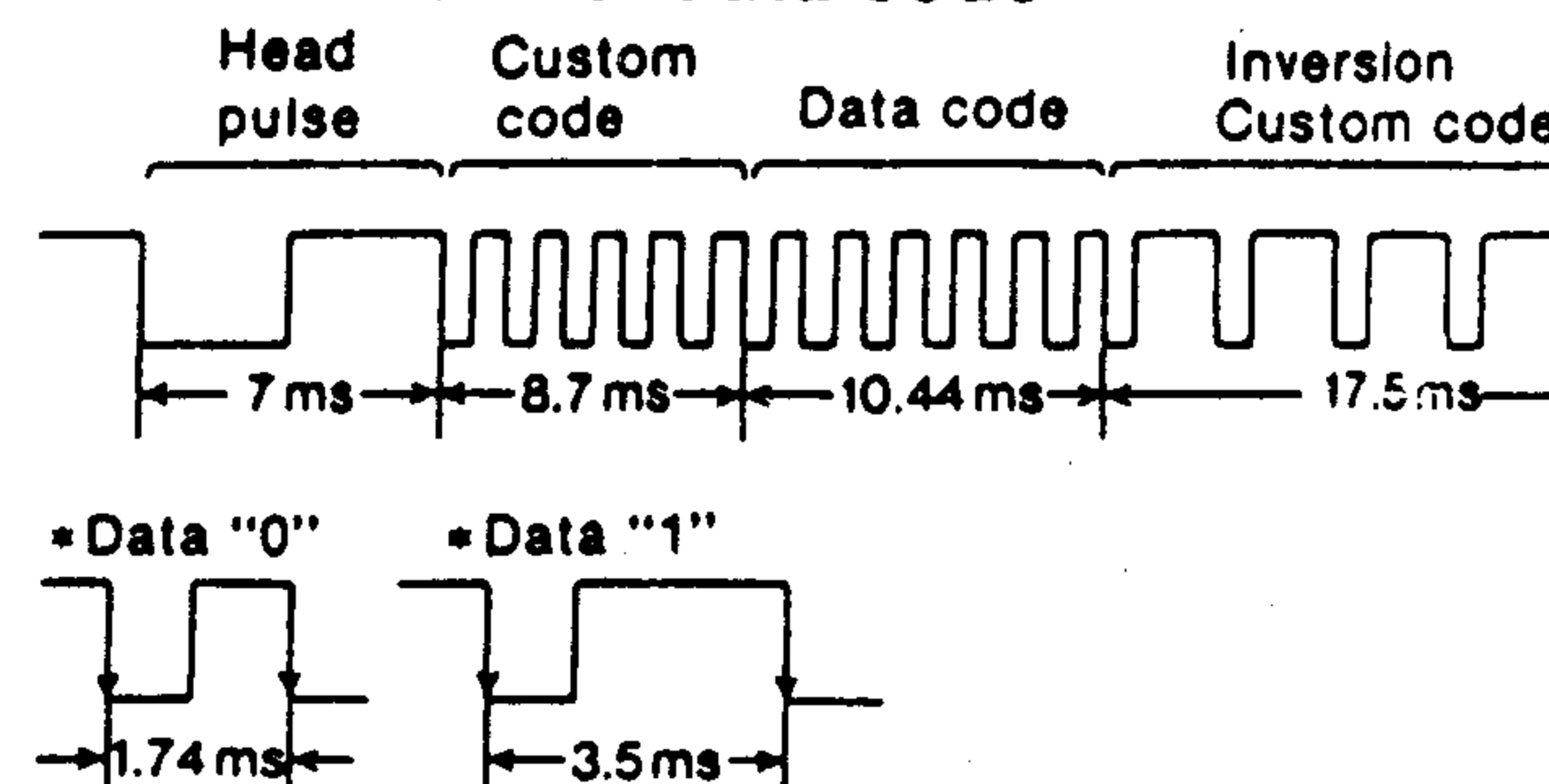
RANK (Color)	D914	D915	CENTER FREQUENCY
Blue	○	×	10.675MHz
Red	×	×	10.700MHz
Orange	×	○	10.725MHz

Note: ○ mark: Diode is used.  
× mark: Diode is not used.

## • Remote-control transmitter (EUR64747)

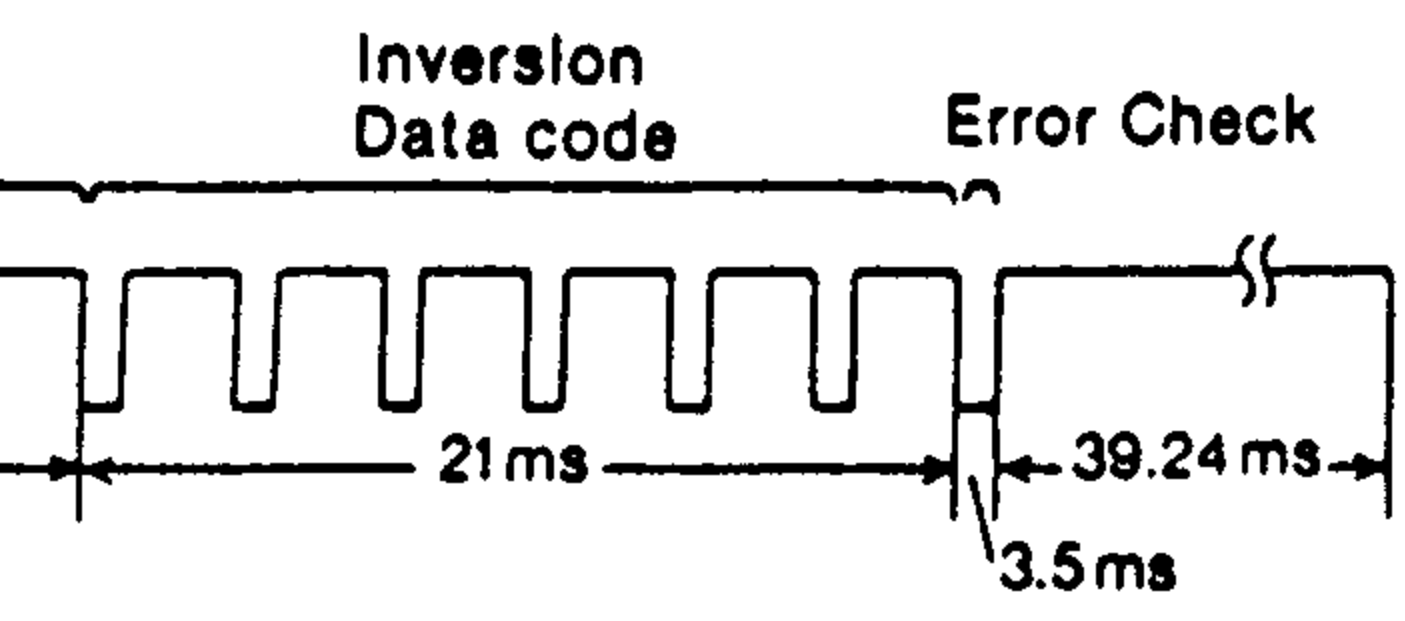
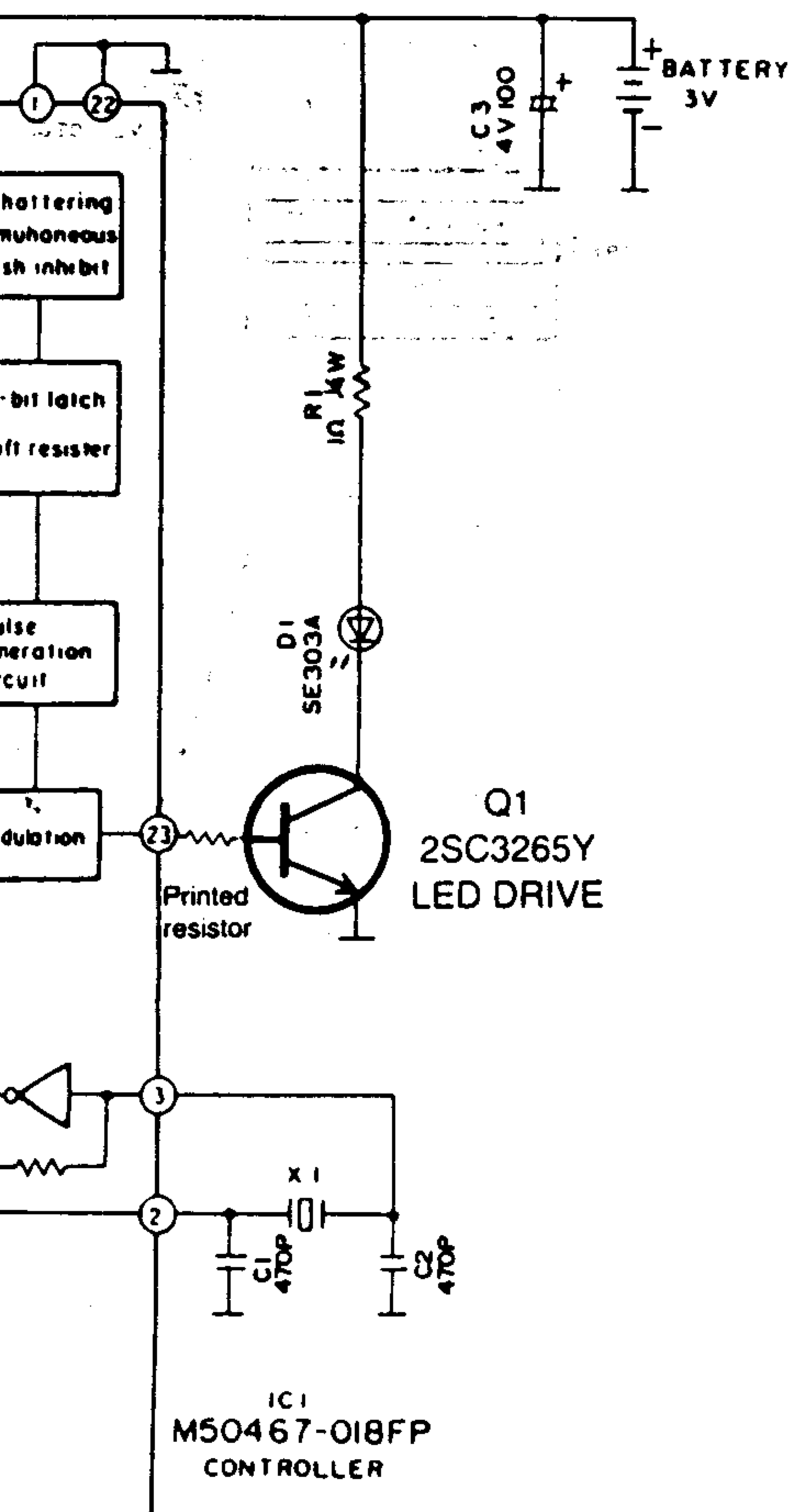


## • Remote control data code

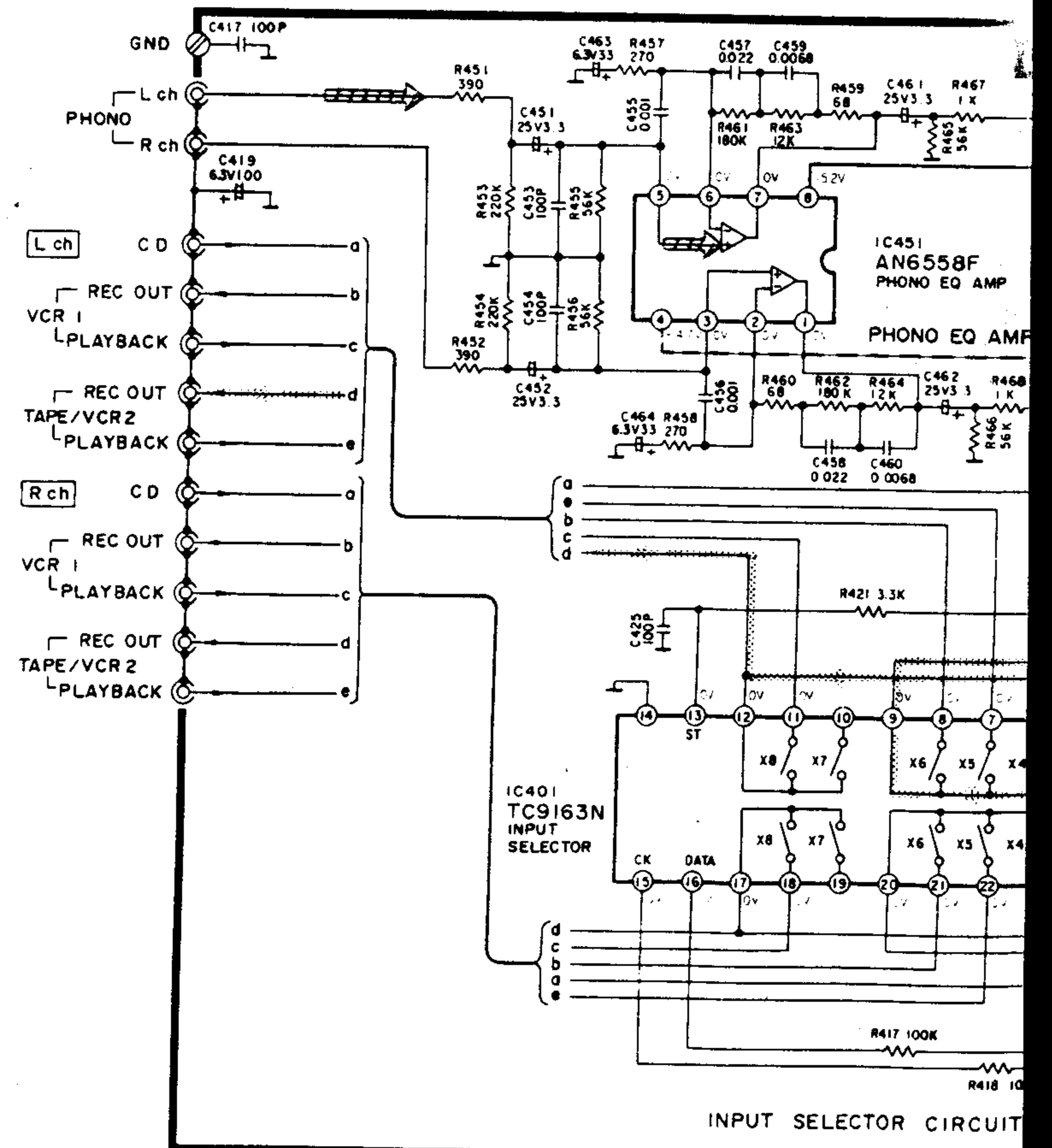
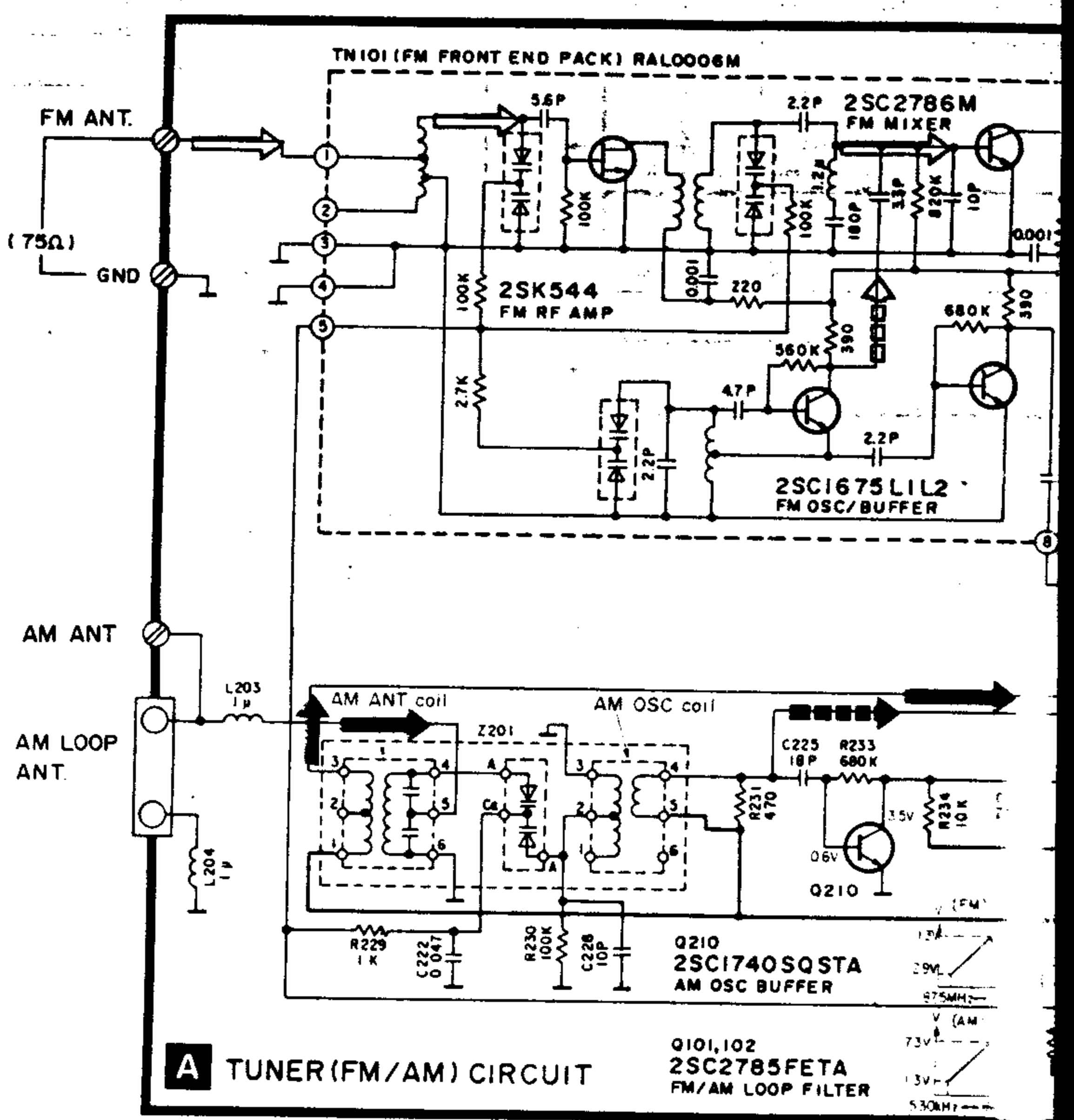


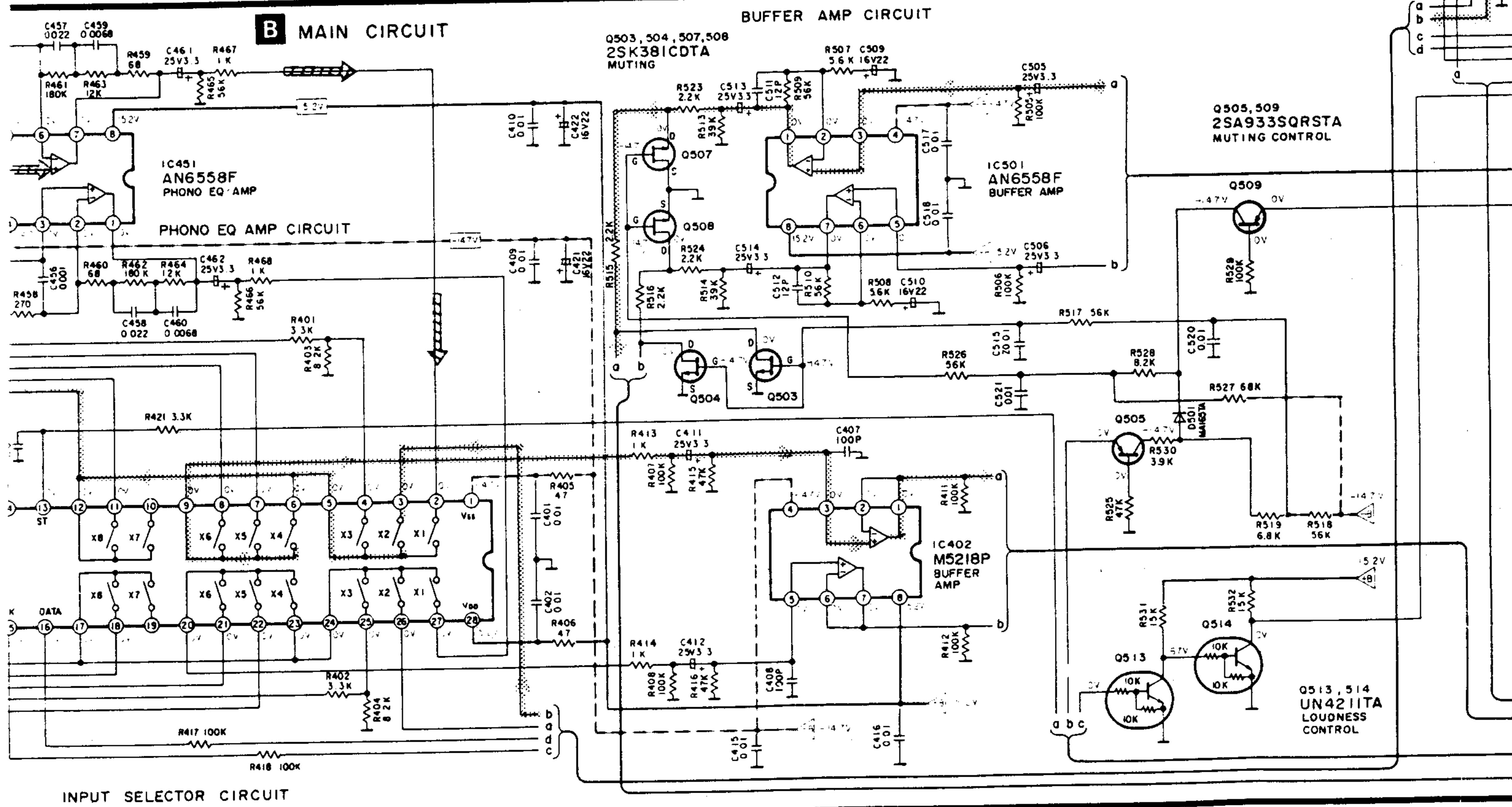
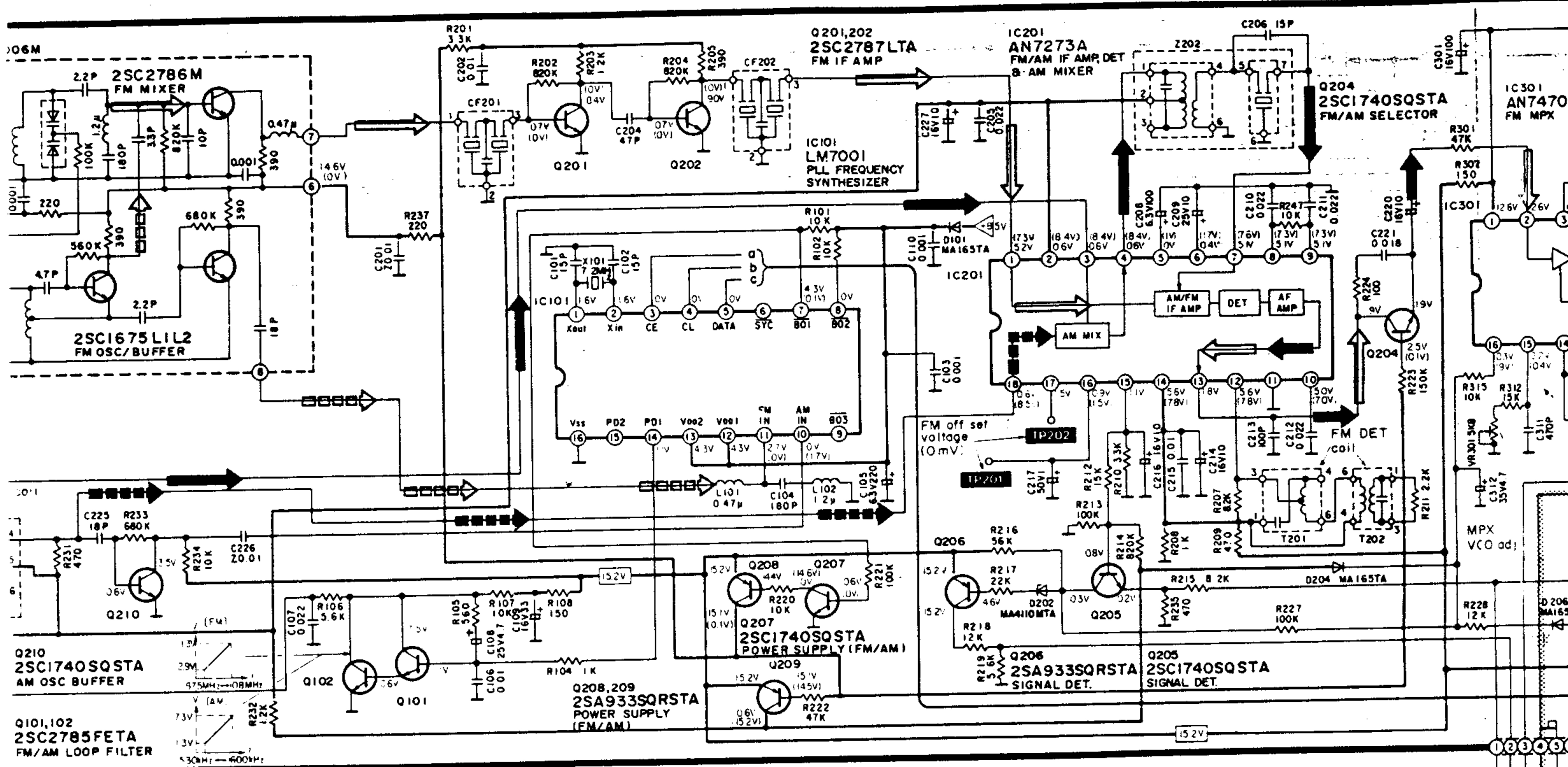
Key No.	Function	Custom Code	Data Code	Key No.	Function
0	CD5	01100	010100	30	Tuner 8
3	DECK rec mute	01001	000111	31	Tuner 1
4	DECK play ◀	01001	001001	32	CD9
5	Volume up	01001	100100	33	CD2
6	Tuner 5	01001	010100	35	CD skip ◀
8	CD6	01100	010101	36	DECK pause
10	program/continue	01100	011101	38	Tuner 9
11	CD play	01100	001010	39	Tuner 2
12	DECK play ▶	01001	001010	40	CD0
13	Volume down	01001	100101	41	CD3
14	Tuner 6	01001	010101	43	CD skip ▶▶
16	CD7	01100	010110	44	DECK stop
19	CD pause	01100	000110	46	Tuner 0
20	DECK ◀◀	01001	000010	47	Tuner 3
21	Muting	01001	100111	48	CD + 10
22	Tuner 7	01001	010110	49	CD4
24	CD8	01100	010111	51	Disc
25	CD1	01100	010000	52	DECK rec
27	CD stop	01100	000000	53	DECK 1/2
28	DECK ▶▶	01001	000011	55	Tuner 4

3 4 5 6 7 8

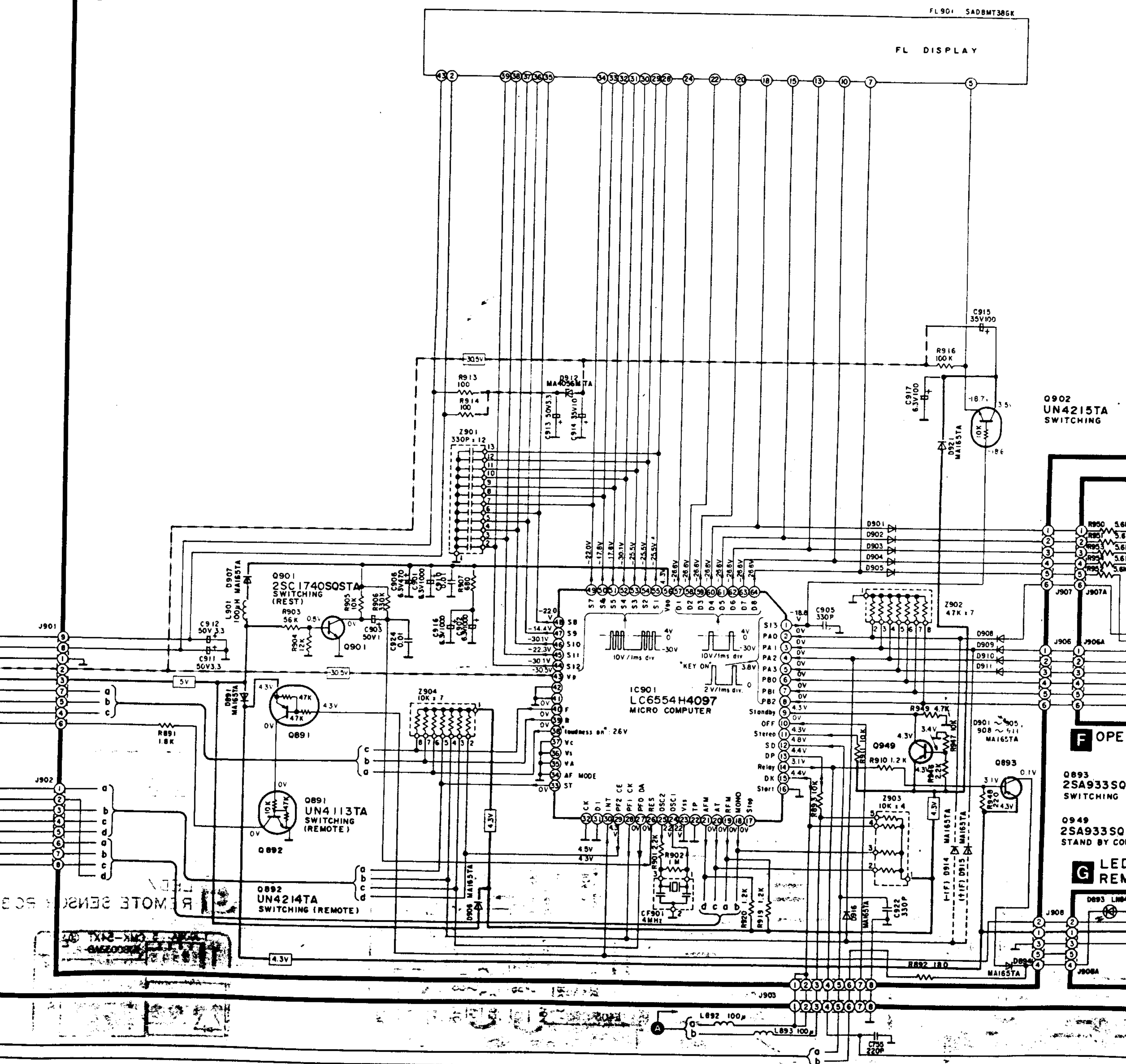


Custom Code	Data Code
01001	010111
01001	010000
01100	011000
01100	010001
01100	000010
01001	000110
01001	011000
01001	010001
01100	011001
01100	010010
01100	000011
01001	000000
01001	011001
01001	010010
01100	011010
01100	010011
01100	100110
01001	001000
01001	000100
01001	010011







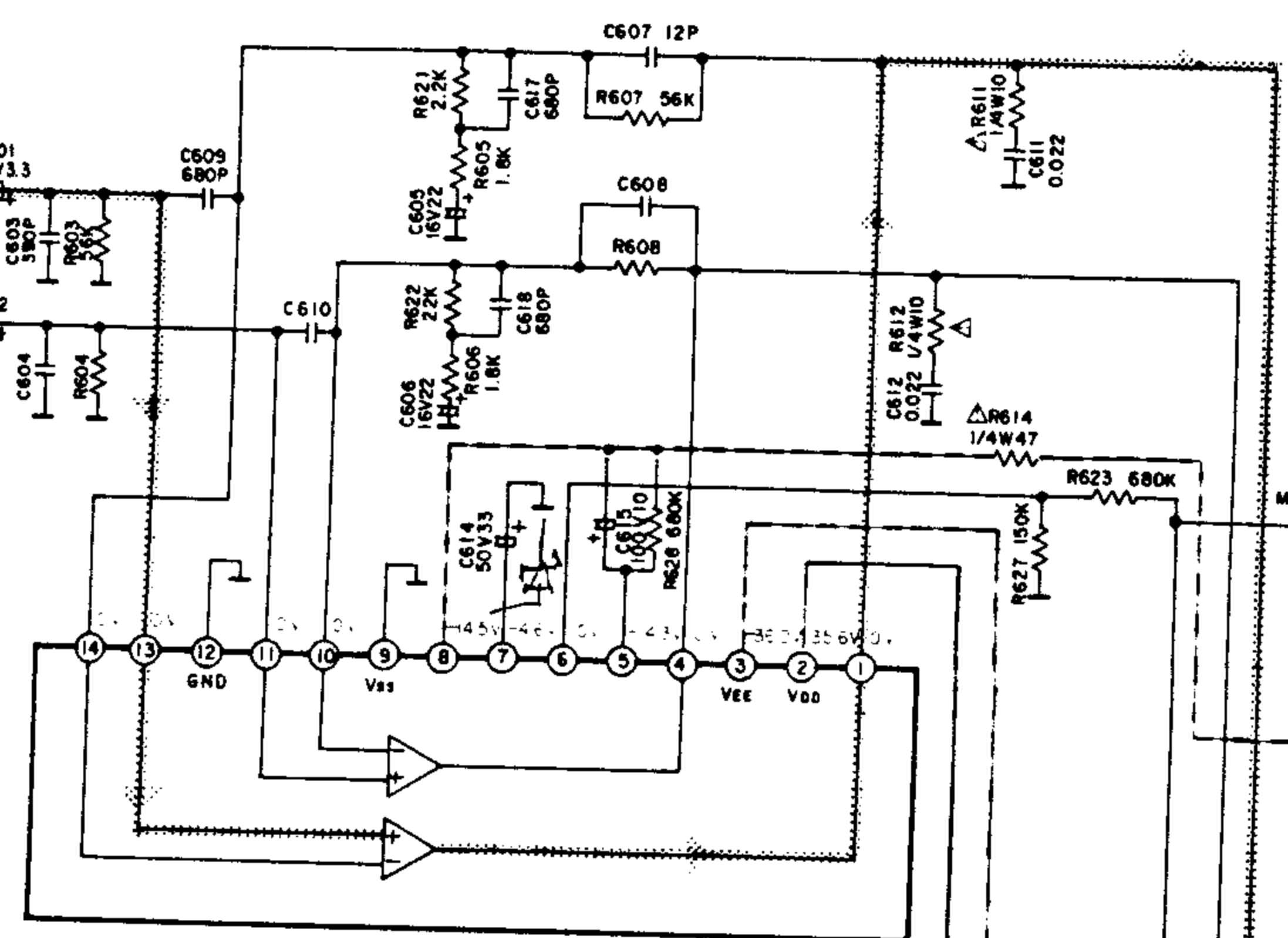
**E** FL METER DRIVE/GRAPHIC EQUALIZER AMP CIRCUIT SYSTEM CONTROL CIRCUIT








## POWER AMP CIRCUIT



Q705  
2SC3940AQSTA  
REGULATOR

Q701  
2SD1762DEF  
REGULATOR

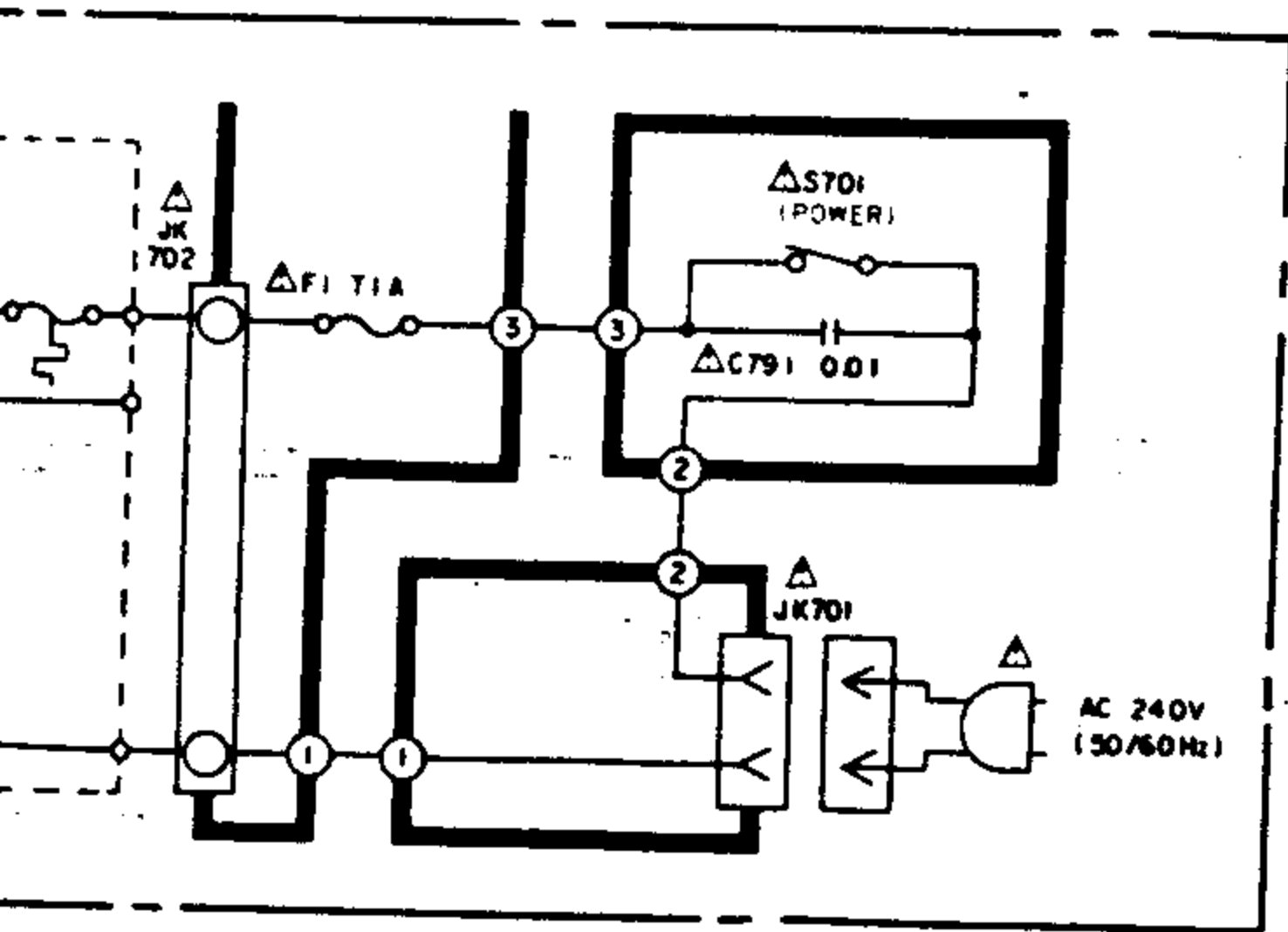
Q703,704  
2SC1685NCQRS  
REGULATOR

Q707  
2SC1740SQSTA  
STABILIZER

Q710  
2SB1185DEF  
REGULATOR

Q708  
2SB1185DEF  
REGULATOR

POWER SOURCE CIRCUIT Q709  
2SC1685NCQRS  
REGULATOR



Q701 ~ 704  
SVD52V20

Q701  
30V4700  
Q702  
30V4700  
Q703  
30V4700  
Q704  
30V4700  
Q705  
30V4700  
Q706  
30V4700  
Q707  
30V4700  
Q708  
30V4700  
Q709  
30V4700  
Q710  
30V4700  
Q711  
30V4700  
Q712  
30V4700  
Q713  
30V4700  
Q714  
30V4700  
Q715  
30V4700  
Q716  
30V4700  
Q717  
30V4700  
Q718  
30V4700  
Q719  
30V4700  
Q720  
30V4700  
Q721  
30V4700  
Q722  
30V4700  
Q723  
30V4700  
Q724  
30V4700  
Q725  
30V4700  
Q726  
30V4700  
Q727  
30V4700  
Q728  
30V4700  
Q729  
30V4700  
Q730  
30V4700  
Q731  
30V4700  
Q732  
30V4700  
Q733  
30V4700  
Q734  
30V4700  
Q735  
30V4700  
Q736  
30V4700  
Q737  
30V4700  
Q738  
30V4700  
Q739  
30V4700  
Q740  
30V4700  
Q741  
30V4700  
Q742  
30V4700  
Q743  
30V4700  
Q744  
30V4700  
Q745  
30V4700  
Q746  
30V4700  
Q747  
30V4700  
Q748  
30V4700  
Q749  
30V4700  
Q750  
30V4700  
Q751  
30V4700  
Q752  
30V4700  
Q753  
30V4700  
Q754  
30V4700  
Q755  
30V4700  
Q756  
30V4700  
Q757  
30V4700  
Q758  
30V4700  
Q759  
30V4700  
Q760  
30V4700  
Q761  
30V4700  
Q762  
30V4700  
Q763  
30V4700  
Q764  
30V4700  
Q765  
30V4700  
Q766  
30V4700  
Q767  
30V4700  
Q768  
30V4700  
Q769  
30V4700  
Q770  
30V4700  
Q771  
30V4700  
Q772  
30V4700  
Q773  
30V4700  
Q774  
30V4700  
Q775  
30V4700  
Q776  
30V4700  
Q777  
30V4700  
Q778  
30V4700  
Q779  
30V4700  
Q780  
30V4700  
Q781  
30V4700  
Q782  
30V4700  
Q783  
30V4700  
Q784  
30V4700  
Q785  
30V4700  
Q786  
30V4700  
Q787  
30V4700  
Q788  
30V4700  
Q789  
30V4700  
Q790  
30V4700  
Q791  
30V4700  
Q792  
30V4700  
Q793  
30V4700  
Q794  
30V4700  
Q795  
30V4700  
Q796  
30V4700  
Q797  
30V4700  
Q798  
30V4700  
Q799  
30V4700  
Q800  
30V4700  
Q801  
30V4700  
Q802  
30V4700  
Q803  
30V4700  
Q804  
30V4700  
Q805  
30V4700  
Q806  
30V4700  
Q807  
30V4700  
Q808  
30V4700  
Q809  
30V4700  
Q810  
30V4700  
Q811  
30V4700  
Q812  
30V4700  
Q813  
30V4700  
Q814  
30V4700  
Q815  
30V4700  
Q816  
30V4700  
Q817  
30V4700  
Q818  
30V4700  
Q819  
30V4700  
Q820  
30V4700  
Q821  
30V4700  
Q822  
30V4700  
Q823  
30V4700  
Q824  
30V4700  
Q825  
30V4700  
Q826  
30V4700  
Q827  
30V4700  
Q828  
30V4700  
Q829  
30V4700  
Q830  
30V4700  
Q831  
30V4700  
Q832  
30V4700  
Q833  
30V4700  
Q834  
30V4700  
Q835  
30V4700  
Q836  
30V4700  
Q837  
30V4700  
Q838  
30V4700  
Q839  
30V4700  
Q840  
30V4700  
Q841  
30V4700  
Q842  
30V4700  
Q843  
30V4700  
Q844  
30V4700  
Q845  
30V4700  
Q846  
30V4700  
Q847  
30V4700  
Q848  
30V4700  
Q849  
30V4700  
Q850  
30V4700  
Q851  
30V4700  
Q852  
30V4700  
Q853  
30V4700  
Q854  
30V4700  
Q855  
30V4700  
Q856  
30V4700  
Q857  
30V4700  
Q858  
30V4700  
Q859  
30V4700  
Q860  
30V4700  
Q861  
30V4700  
Q862  
30V4700  
Q863  
30V4700  
Q864  
30V4700  
Q865  
30V4700  
Q866  
30V4700  
Q867  
30V4700  
Q868  
30V4700  
Q869  
30V4700  
Q870  
30V4700  
Q871  
30V4700  
Q872  
30V4700  
Q873  
30V4700  
Q874  
30V4700  
Q875  
30V4700  
Q876  
30V4700  
Q877  
30V4700  
Q878  
30V4700  
Q879  
30V4700  
Q880  
30V4700  
Q881  
30V4700  
Q882  
30V4700  
Q883  
30V4700  
Q884  
30V4700  
Q885  
30V4700  
Q886  
30V4700  
Q887  
30V4700  
Q888  
30V4700  
Q889  
30V4700  
Q890  
30V4700  
Q891  
30V4700  
Q892  
30V4700  
Q893  
30V4700  
Q894  
30V4700  
Q895  
30V4700  
Q896  
30V4700  
Q897  
30V4700  
Q898  
30V4700  
Q899  
30V4700  
Q900  
30V4700  
Q901  
30V4700  
Q902  
30V4700  
Q903  
30V4700  
Q904  
30V4700  
Q905  
30V4700  
Q906  
30V4700  
Q907  
30V4700  
Q908  
30V4700  
Q909  
30V4700  
Q910  
30V4700  
Q911  
30V4700  
Q912  
30V4700  
Q913  
30V4700  
Q914  
30V4700  
Q915  
30V4700  
Q916  
30V4700  
Q917  
30V4700  
Q918  
30V4700  
Q919  
30V4700  
Q920  
30V4700  
Q921  
30V4700  
Q922  
30V4700  
Q923  
30V4700  
Q924  
30V4700  
Q925  
30V4700  
Q926  
30V4700  
Q927  
30V4700  
Q928  
30V4700  
Q929  
30V4700  
Q930  
30V4700  
Q931  
30V4700  
Q932  
30V4700  
Q933  
30V4700  
Q934  
30V4700  
Q935  
30V4700  
Q936  
30V4700  
Q937  
30V4700  
Q938  
30V4700  
Q939  
30V4700  
Q940  
30V4700  
Q941  
30V4700  
Q942  
30V4700  
Q943  
30V4700  
Q944  
30V4700  
Q945  
30V4700  
Q946  
30V4700  
Q947  
30V4700  
Q948  
30V4700  
Q949  
30V4700  
Q950  
30V4700  
Q951  
30V4700  
Q952  
30V4700  
Q953  
30V4700  
Q954  
30V4700  
Q955  
30V4700  
Q956  
30V4700  
Q957  
30V4700  
Q958  
30V4700  
Q959  
30V4700  
Q960  
30V4700  
Q961  
30V4700  
Q962  
30V4700  
Q963  
30V4700  
Q964  
30V4700  
Q965  
30V4700  
Q966  
30V4700  
Q967  
30V4700  
Q968  
30V4700  
Q969  
30V4700  
Q970  
30V4700  
Q971  
30V4700  
Q972  
30V4700  
Q973  
30V4700  
Q974  
30V4700  
Q975  
30V4700  
Q976  
30V4700  
Q977  
30V4700  
Q978  
30V4700  
Q979  
30V4700  
Q980  
30V4700  
Q981  
30V4700  
Q982  
30V4700  
Q983  
30V4700  
Q984  
30V4700  
Q985  
30V4700  
Q986  
30V4700  
Q987  
30V4700  
Q988  
30V4700  
Q989  
30V4700  
Q990  
30V4700  
Q991  
30V4700  
Q992  
30V4700  
Q993  
30V4700  
Q994  
30V4700  
Q995  
30V4700  
Q996  
30V4700  
Q997  
30V4700  
Q998  
30V4700  
Q999  
30V4700  
Q1000  
30V4700



32

33

34

35

