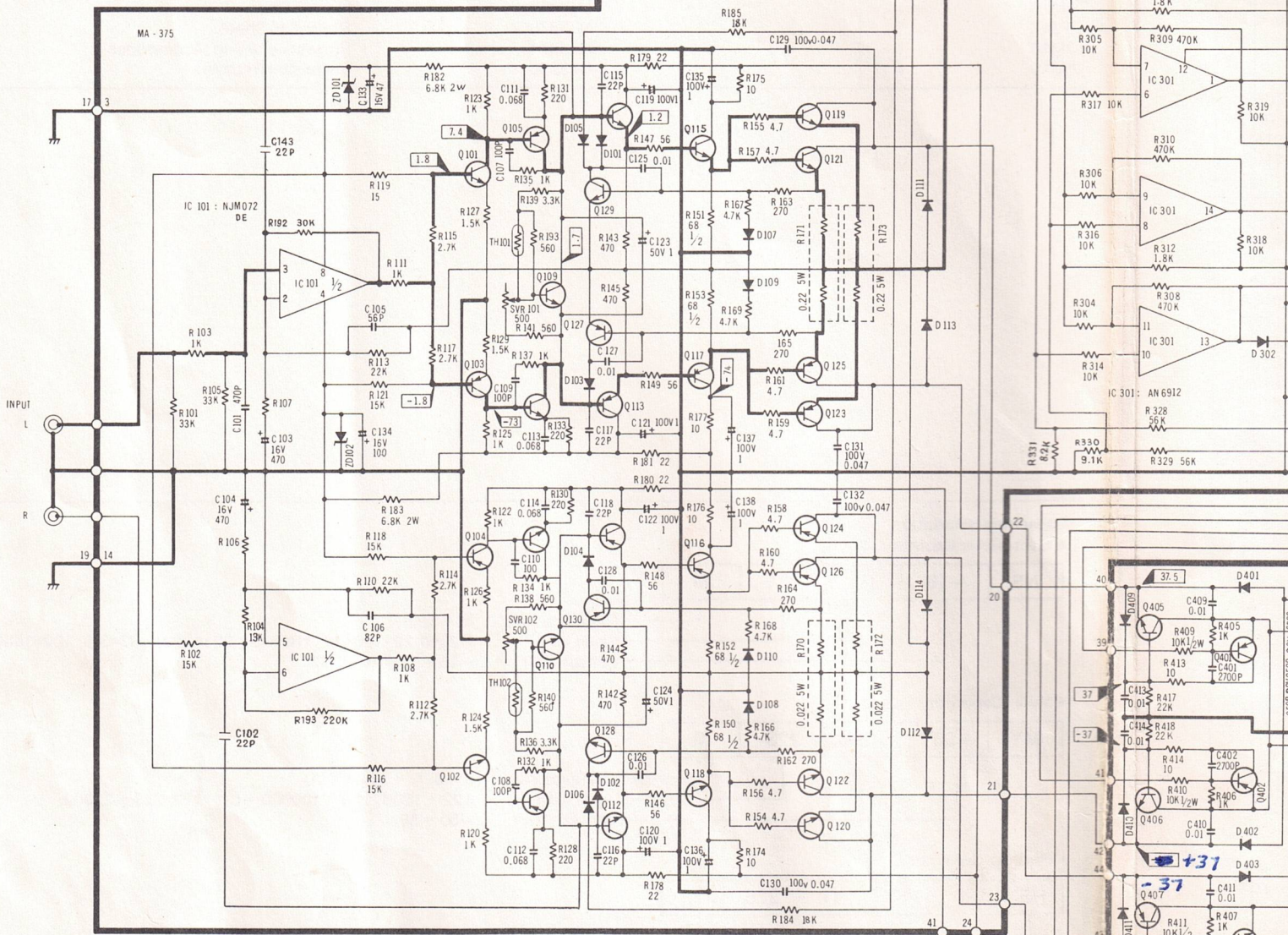


# SCHEMATIC DIAGRAM



### TRANSISTOR

- Q 101, 102, 301, 302, 505 : 2SC1980 (S,T)
- Q 103, 104, 303, 304, 502, 506 : 2SA921 (S,T)
- Q 105, 106, 113 : 2SA1110 (Q,R)
- Q 107, 108, 111, 112 : 2SC2590 (Q,R)
- Q 109, 110 : 2SC1567 (Q,R)
- Q 115, 118, 403, 404 : 2SC2591 (Q,R)
- Q 116, 117, 401, 402 : 2SA1111 (Q,R)
- Q 119, 120, 121, 122 : 2SD 45 (O,R)
- Q 123~124 : 2SB7 5 (O,R)
- Q 127, 130 : 2SA777 (Q,R)
- Q 128, 129, 207, 208 : 2SC1509 (Q,R)
- Q 201~203 601 : 2SA722 (S,T)
- Q 202~206 : 2SC1328 (S,T)
- Q 405, 406 : 2SD 1047 (E)
- Q 501, 503, 504, 505, 508 : 2SC1815 (GR, BL)
- Q 602, 603 : 2SC536 (F,G)
- Q 506, 507 : 2SA1015 (GR, BL)

### ZENER DIODE

- ZD 101, 102 : XZ147
- ZD 501 : XZ 200
- ZB 502 : XZ 100

- ZD 601, 602 : XZ117

### DIODE

- D 101~110, 507 : IN 4148
- D 111~114, 202~204, 409, 412, 508, 509, 516, 517 : IN 4002
- D 201, 301, 302, 511, 601 : DS 442
- D 401~404 : 30 DF 2 FC
- D 502~505 : GP30DL or 1N5402
- D 501 : KBPC 25 - 02
- D 506 : DBA 10C
- D 518 : 1B4B 42

### IC 101

IC PIN	1	2	3	4	5	6	7	8
VOLTAGE	0	0	0	-14.7	0	0	0	+14.7

### IC 301

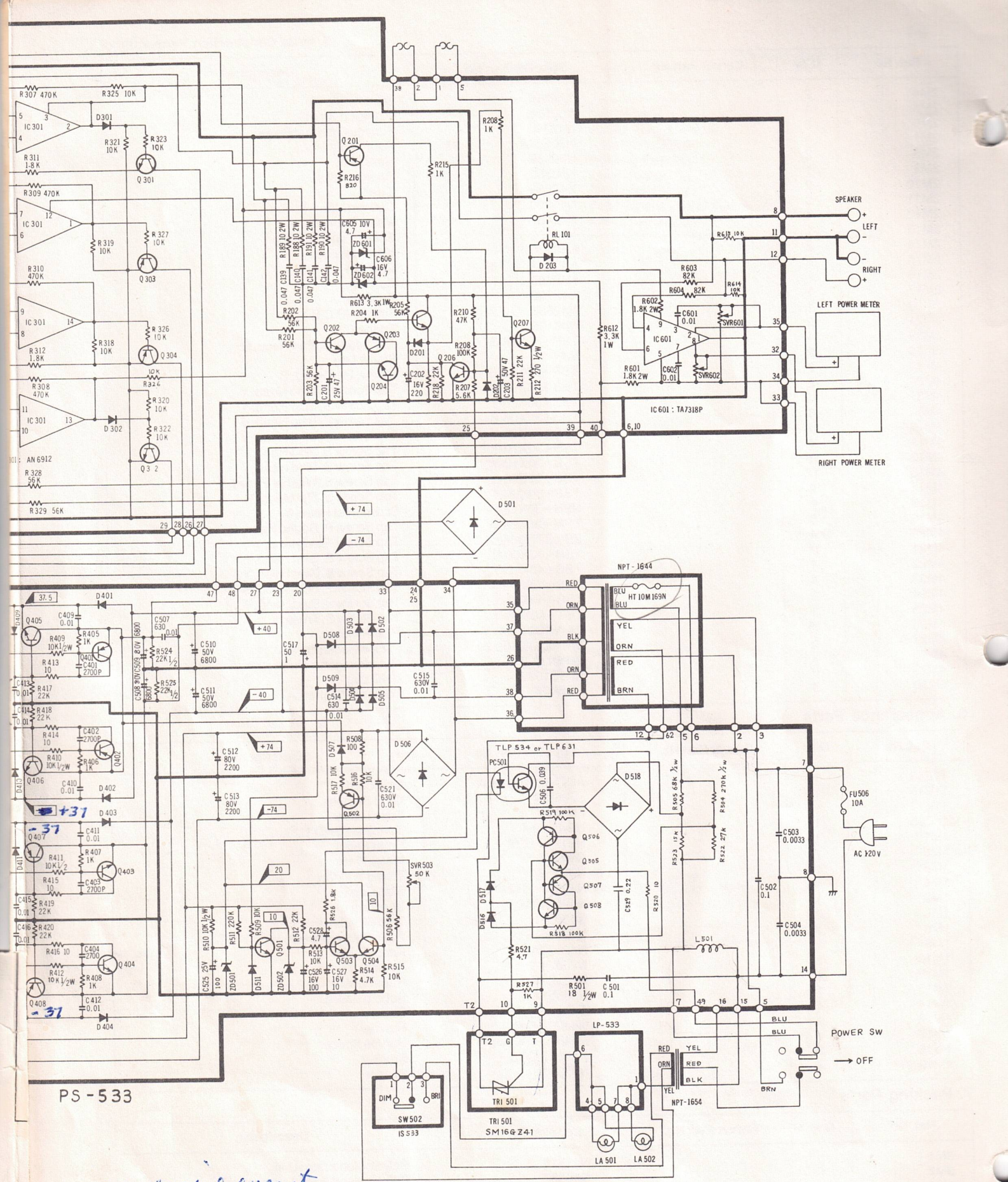
IC PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14
VOLTAGE	0	-11.8	-12	-0.3	4.8	0	-5	0	-5	-0.3	5	12	-11.8	0.5

### IC 601

IC PIN	1	2	3	4	5	6	7	8	9
VOLTAGE	0	-8.7	-0.78	0	-8.7	0	-0.79	-8.7	-8.7

PS - 533

*exp. draw on SI*



PS - 533

*excessive current  
draw, check for dead spot  
on SVR503*