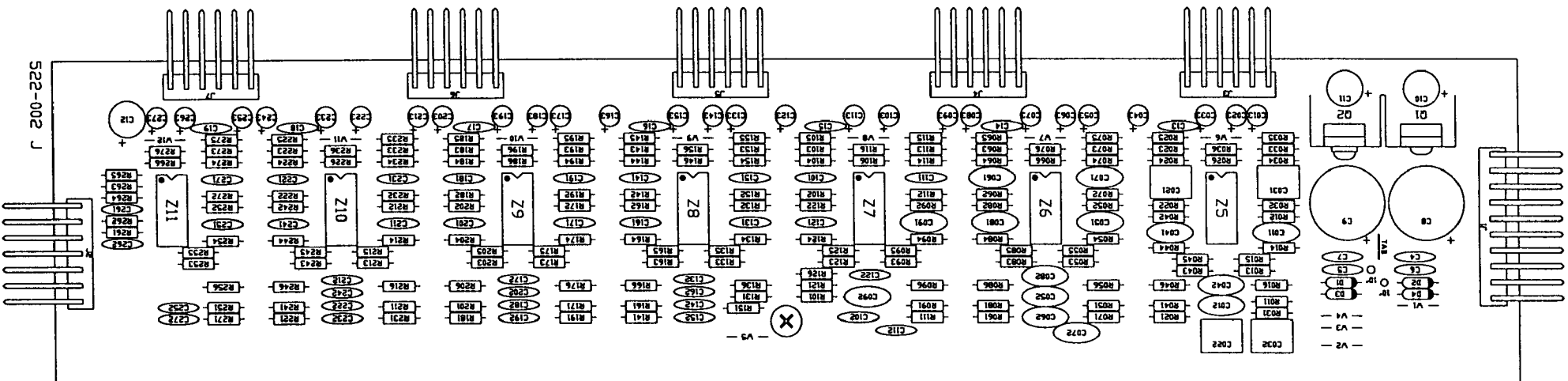
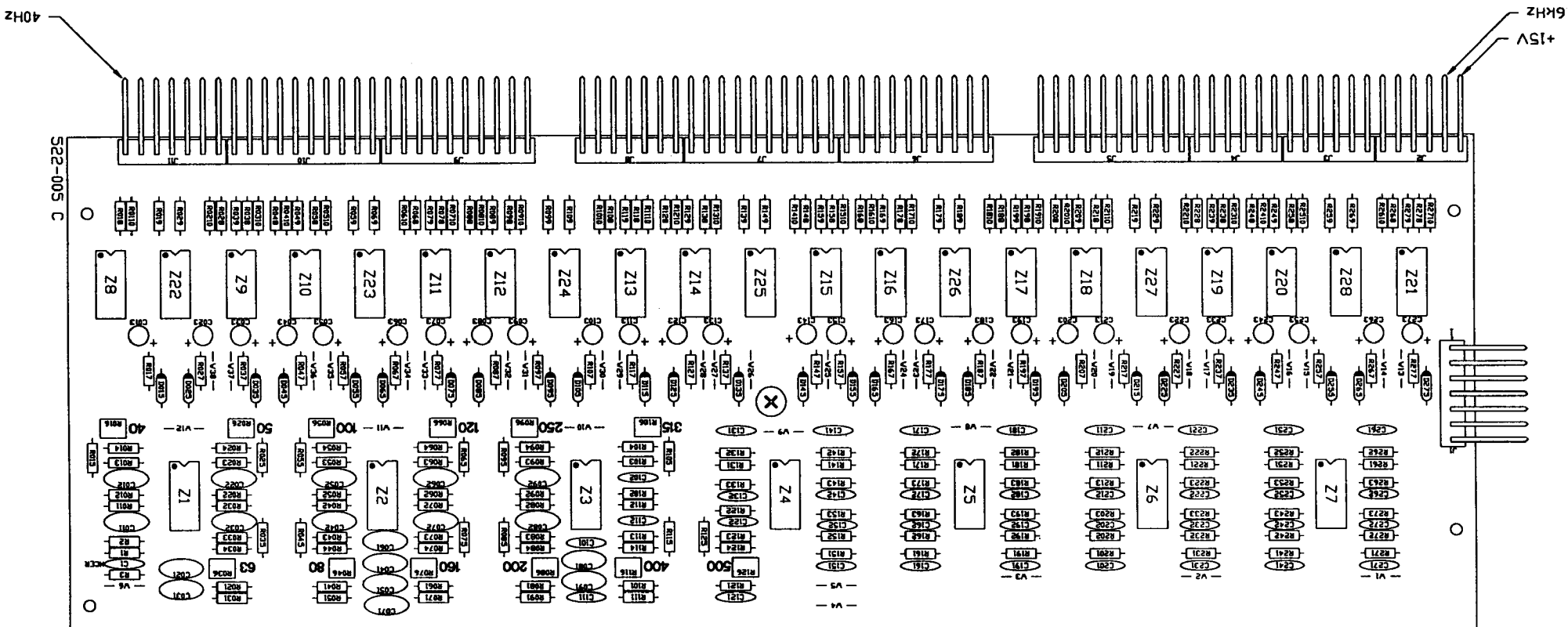
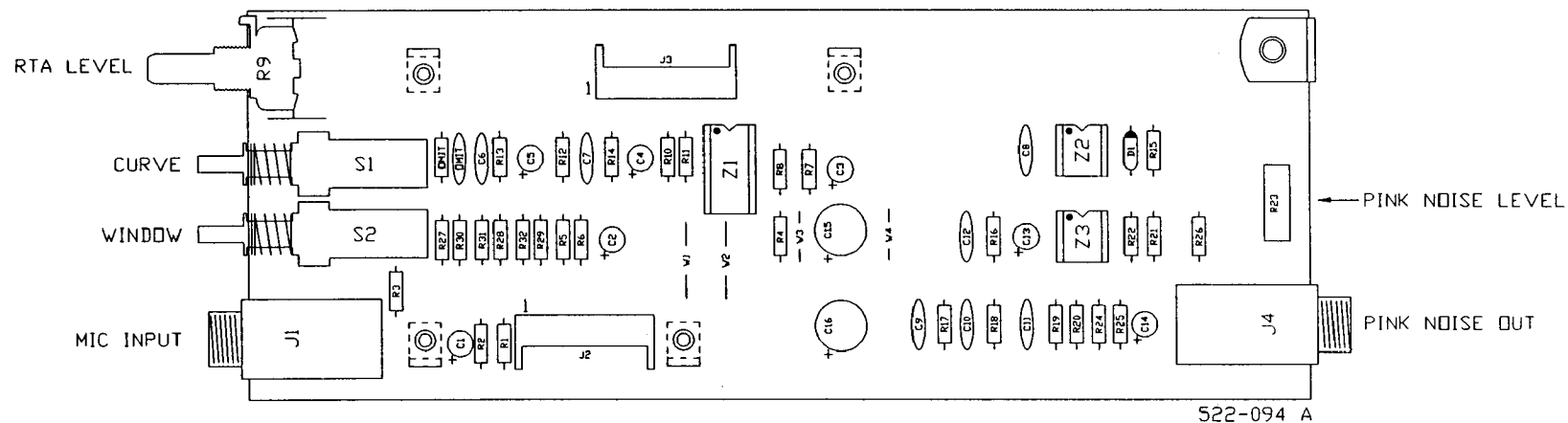
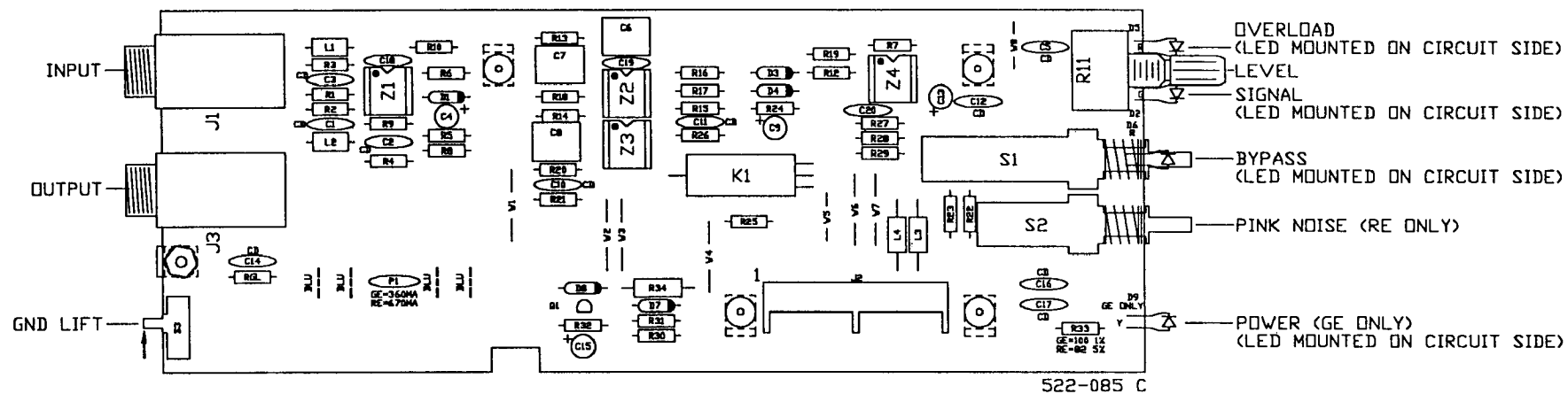
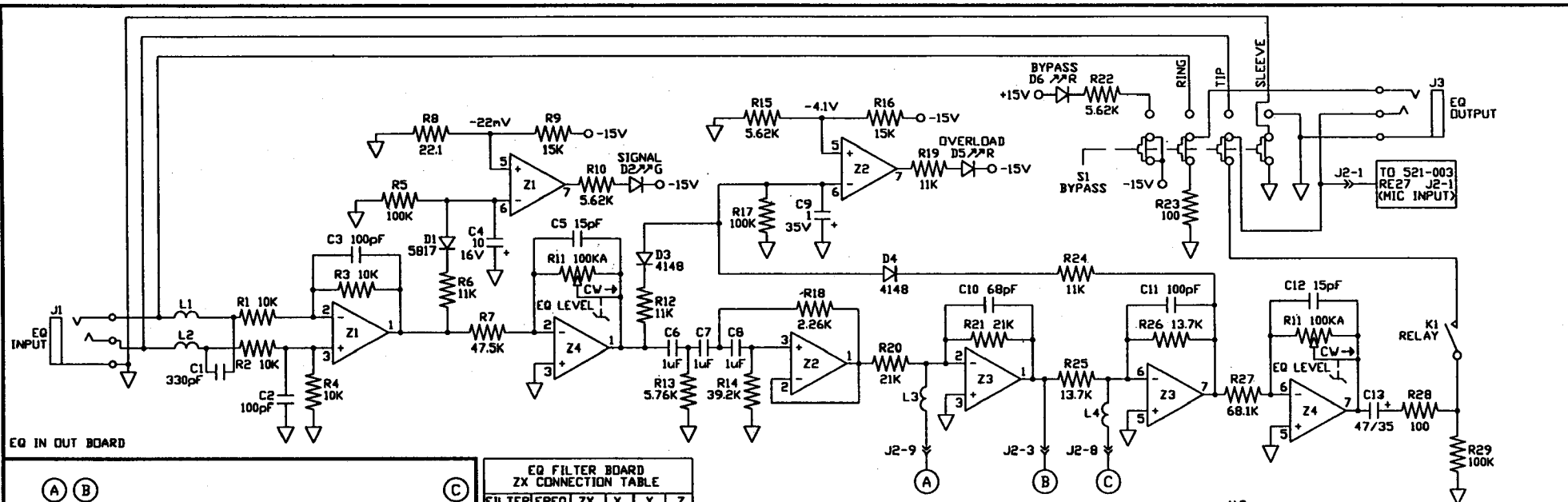




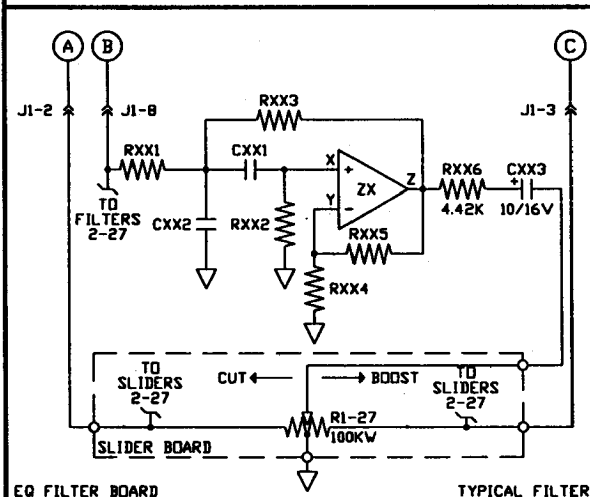
S22-093 A

S22-005 C





EQ IN OUT BOARD



EQ FILTER BOARD

TYPICAL FILTER

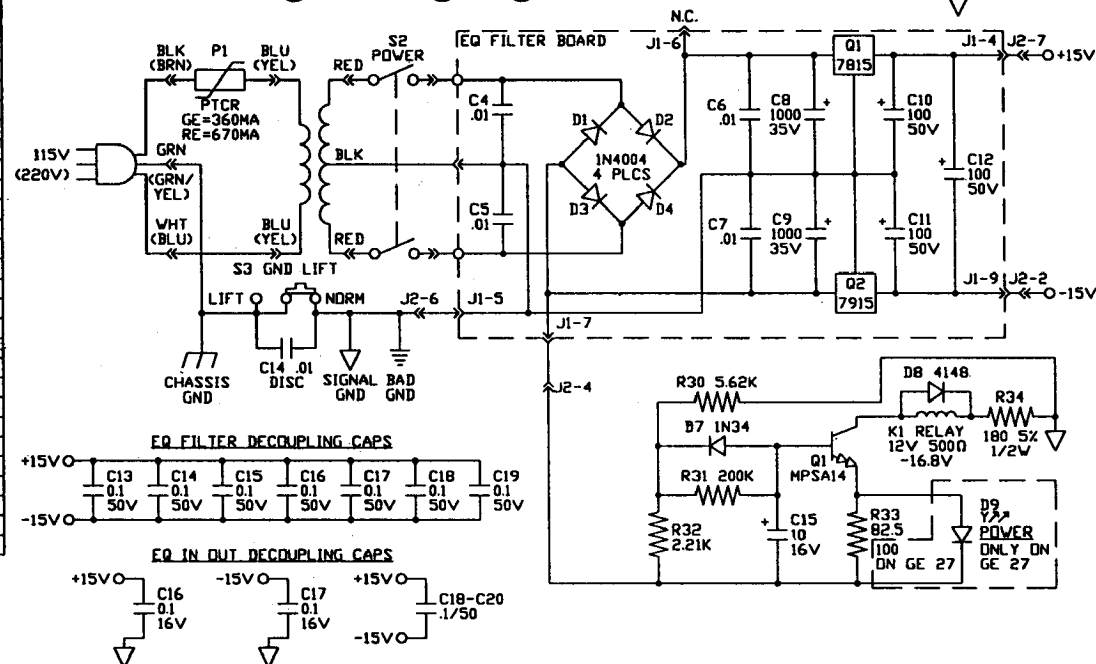
FILTER	FREQ	ZX	X	Y	Z
1	40	25	10	9	8
2	50	25	3	2	1
3	63	25	12	13	14
4	80	25	5	6	7
5	100	26	10	9	8
6	125	26	3	2	1
7	160	26	12	13	14
8	200	26	5	6	7
9	250	27	10	9	8
10	315	27	3	2	1
11	400	27	12	13	14
12	500	27	5	6	7
13	630	28	10	9	8
14	800	28	3	2	1
15	1K	28	12	13	14
16	1.25K	28	5	6	7
17	1.6K	29	10	9	8
18	2K	29	3	2	1
19	2.5K	29	12	13	14
20	3.15K	29	5	6	7
21	4K	210	10	9	8
22	5K	210	3	2	1
23	6.3K	210	12	13	14
24	8K	210	5	6	7
25	10K	211	10	9	8
26	12.5K	211	3	2	1
27	16K	211	12	13	14

NOTES (UNLESS OTHERWISE NOTED)

- ALL RESISTORS 1/4W, 1% METAL FILM.
- ALL CAPS 100V POLY.
- POWER SUPPLY CONNECTIONS:

SING DUAL QUAD	POS SUP	NEG SUP
7	8	4
11	11	11
- ALL SWs SHOWN IN THEIR 'OUT' OR 'OFF' POSITION
- OP AMPS: ALL 4156 OR EQUAL EXCEPT: Z1, Z2, Z4=4072, Z3=4570
- FILTER DESIGNATION SCHEME:

XX	DESIGNATOR	FILTER NUMBER (01-27)	COMPONENT TYPE
R012	RESISTOR	1	(40Hz, NUMBER 2)

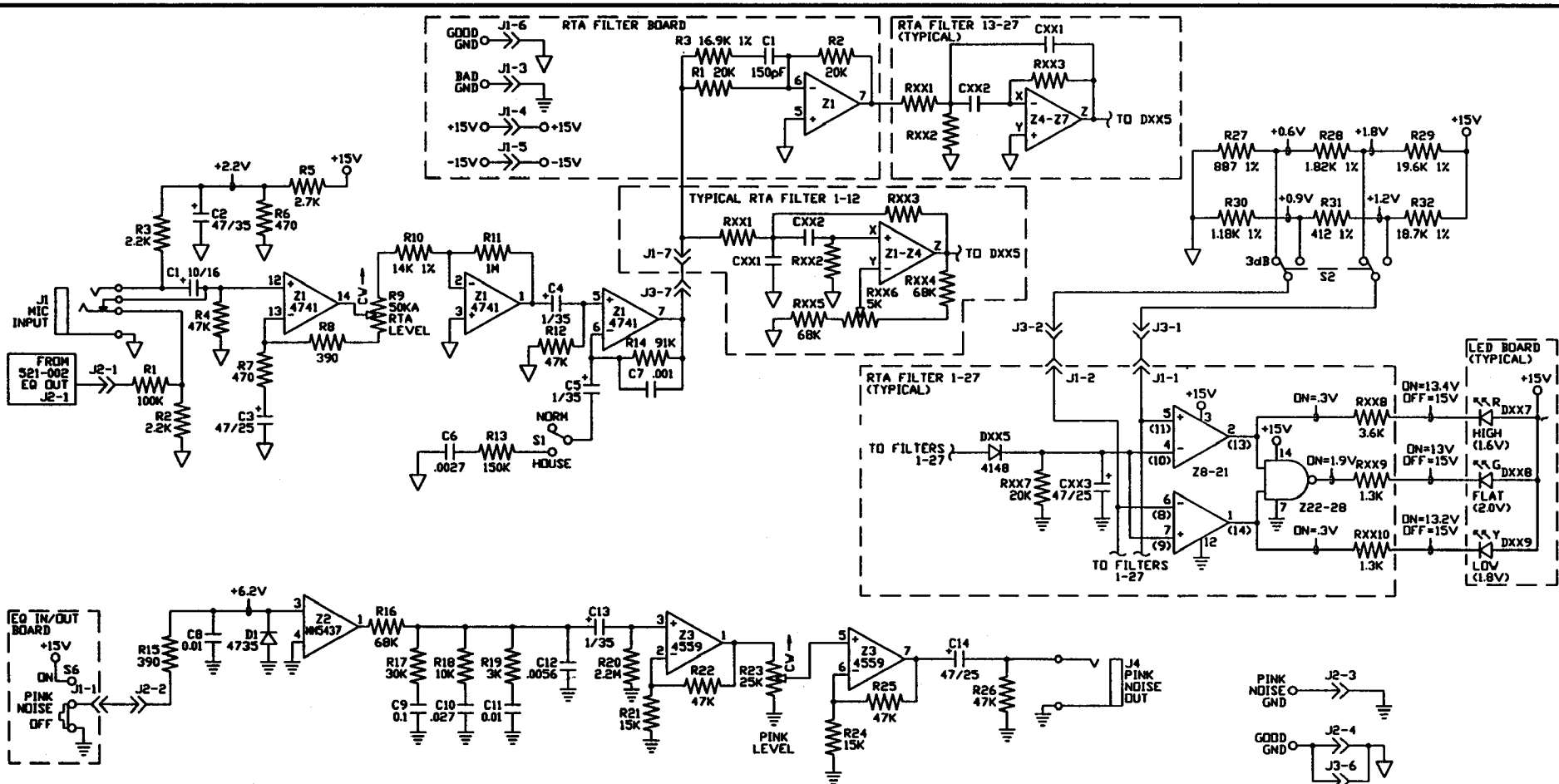


TITLE
RE/GE 27
SCHEMATIC

DRW. NO. 521-002
REV. U

REVISIONS
REV. U ACTION ADDED C18-C20, GE PTCR WAS 150mA CHANGED 5% RESISTORS TO 1%
DATE 05NOV93
APPROVED
DRAWN S. TURNIDGE DATE 23DEC87
CHECKED A. CLAXTON DATE 23DEC87
SHEET 1 OF 1
DO NOT SCALE DRAWING

Corp. 10802 47th Avenue West, Mukiteo
VA 98275-5098 (206) 355-6000



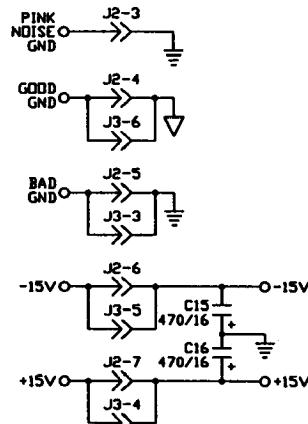
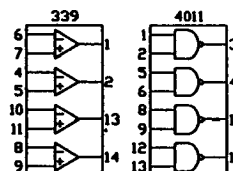
NOTES (UNLESS OTHERWISE NOTED)

- ALL RES 1/4W, 5% CARBON FILM.
 - POWER SUPPLY CONNECTIONS:
- | | POS. SUP. | NEG. SUP. |
|-------|-----------|-----------|
| SING. | 8 | 4 |
| DUAL | 4 | 11 |
| QUAD | | |
- RTA FILTER OP AMPS:
- | OP AMP | RESISTOR | CAPACITOR |
|-----------|----------|-----------|
| Z2, Z3 | LM324 | |
| Z1, Z4-Z7 | LM4741 | |
| Z8-Z11 | LM339 | |
| Z12-Z15 | LM339 | |
| Z16-Z19 | LM339 | |
| Z20-Z23 | LM339 | |
| Z24-Z27 | LM339 | |
- ALL SWs SHOWN IN THEIR 'OUT' OR 'OFF' POSITION
 - ALL COMPONENTS SHOWN ARE ON PN MIC BD
 - FILTER DESIGNATION SCHEME:

X XX X
DESIGNATOR
FILTER NUMBER (01-27)
COMPONENT TYPE
EXAMPLE: R012
RESISTOR, FILTER 1 (40Hz), NUMBER 2

FILTER	FREQ	ZX	X	Y	Z
1	40	Z1	3	2	1
2	50	Z1	12	13	14
3	63	Z1	10	9	8
4	80	Z2	5	6	7
5	100	Z2	3	2	1
6	120	Z2	12	13	14
7	160	Z2	10	9	8
8	200	Z3	5	6	7
9	250	Z3	3	2	1
10	315	Z3	12	13	14
11	400	Z3	10	9	8
12	500	Z4	5	6	7

FILTER	FREQ	ZX	X	Y	Z
13	630	Z4	2	3	1
14	800	Z4	13	12	14
15	1K	Z4	9	10	8
16	1.25K	Z5	6	5	7
17	1.6K	Z5	2	3	1
18	2K	Z5	13	12	14
19	2.5K	Z5	9	10	8
20	3.15K	Z6	6	5	7
21	4K	Z6	2	3	1
22	5K	Z6	13	12	14
23	6.3K	Z6	9	10	8
24	8K	Z7	6	5	7
25	10K	Z7	2	3	1
26	12.5K	Z7	13	12	14
27	16K	Z7	9	10	8



Corporation
10802 47th Avenue West, Mukilteo
WA 98275-5098 (206) 355-6000

TITLE
RE 27
RTA SCHEMATIC

DRW. NO.
521-003

REV.
H

REVISIONS
REV. H
ACTION REDESIGNATED, CHANGED FILTERS 13-27
DATE 04DEC91
APPROVED
DRAWN S HEADRICK
DATE 21AUG91
CHECKED
DATE
SHEET 1 OF 1
DO NOT SCALE DRAWING