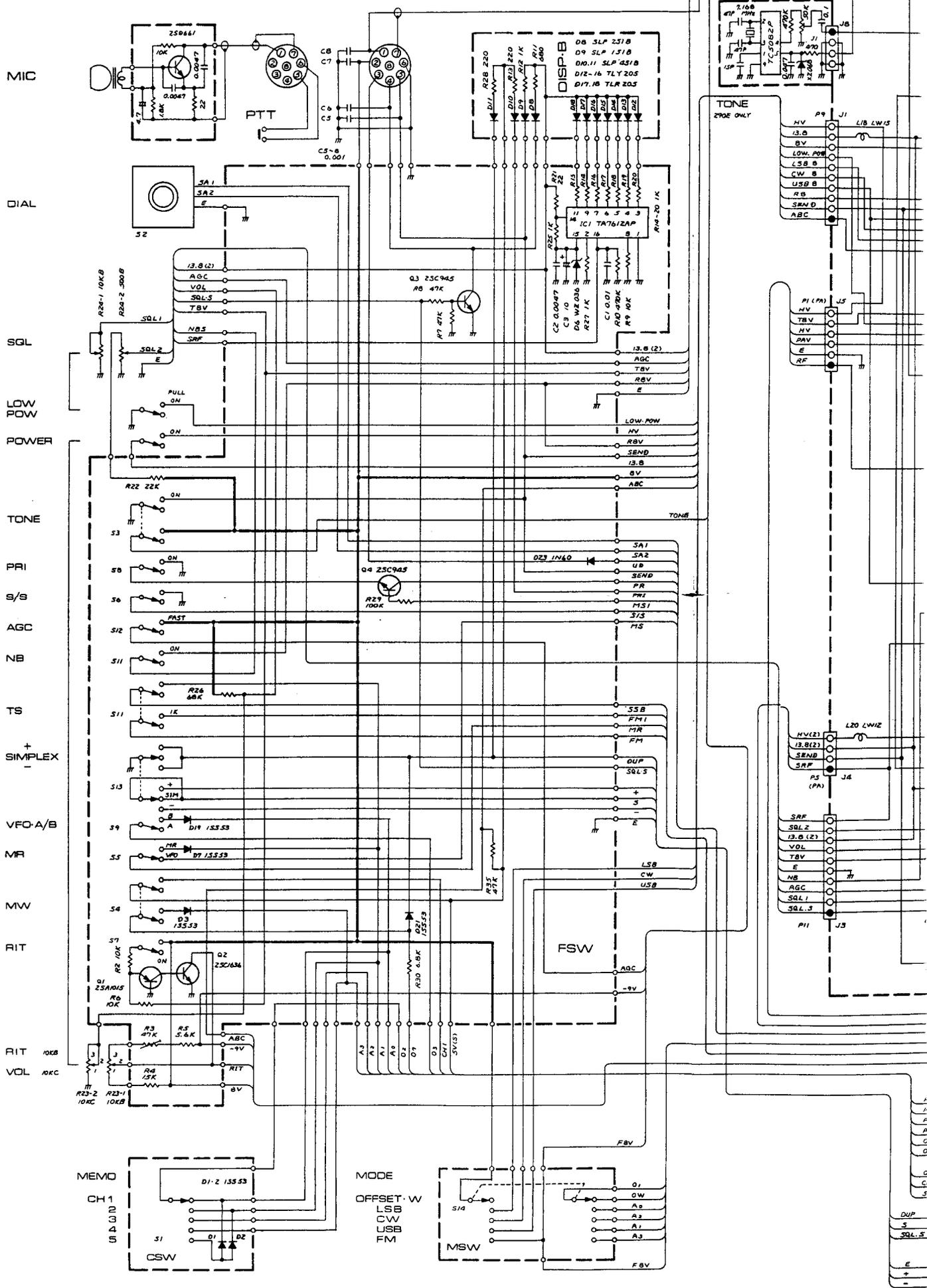
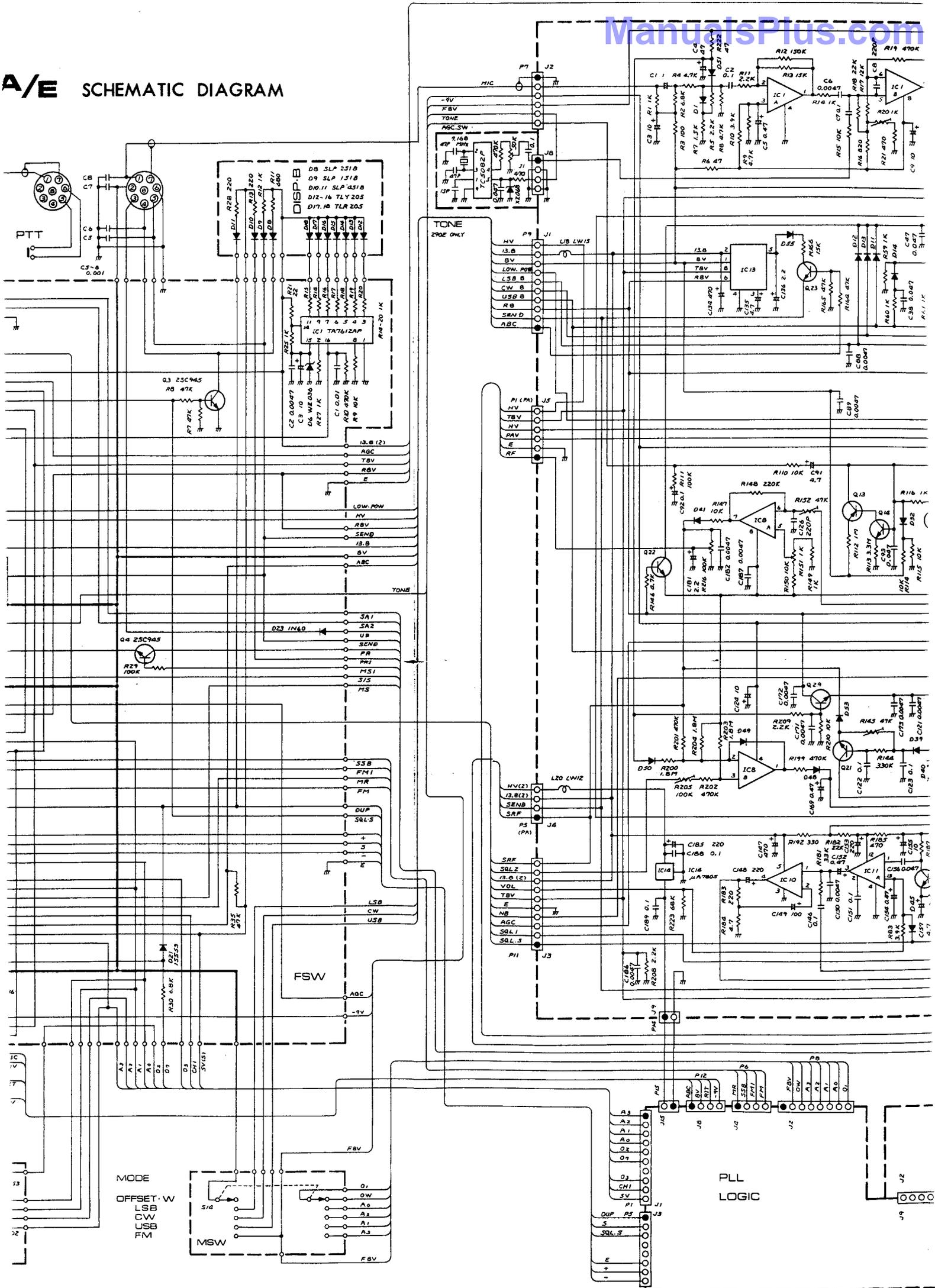


IC-290A/E SCHEMATIC DIAGRAM



A/E SCHEMATIC DIAGRAM



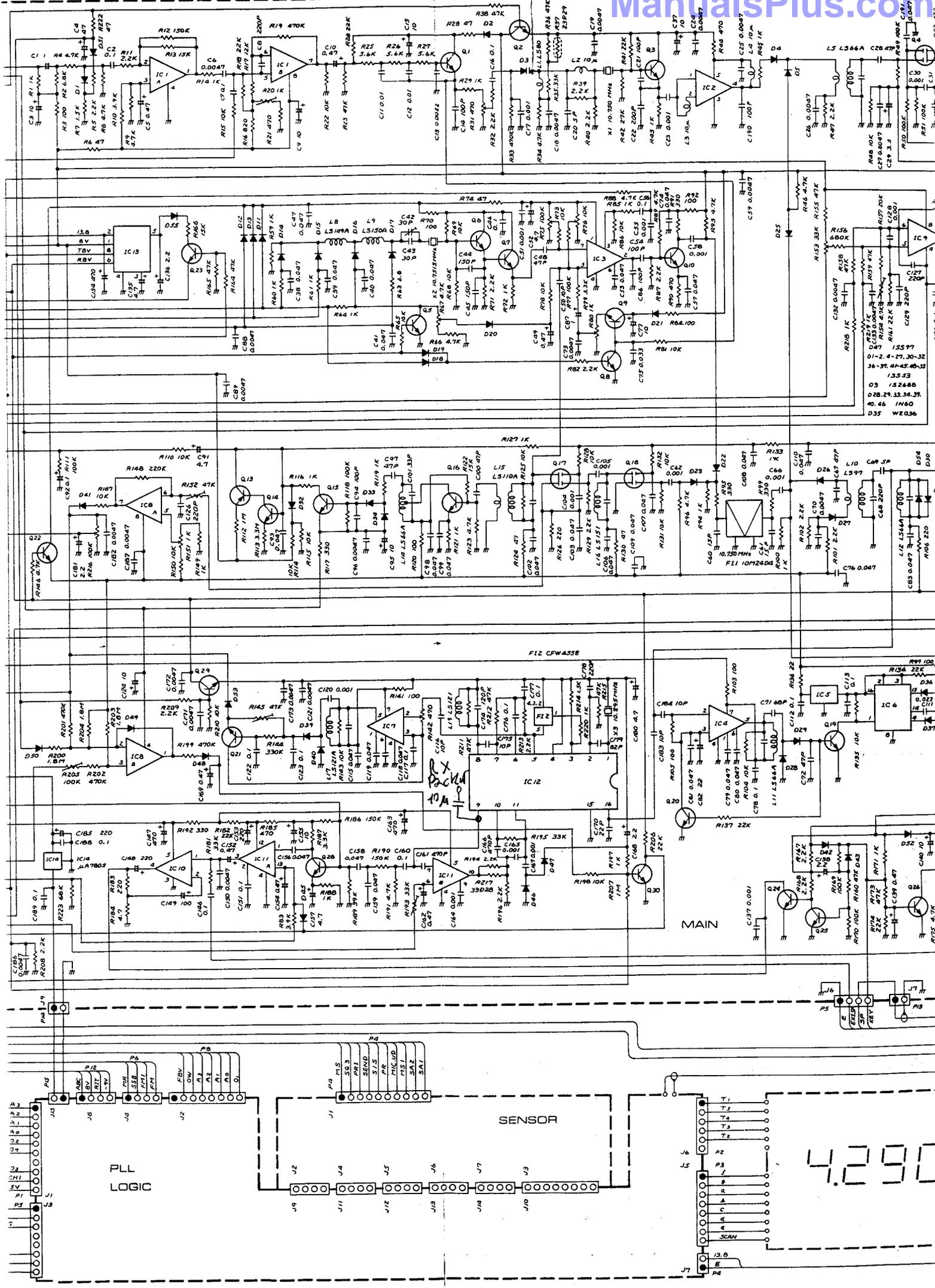


FIG. 1

FIG. 2

FIG. 3

FIG. 4

FIG. 5

FIG. 6

FIG. 7

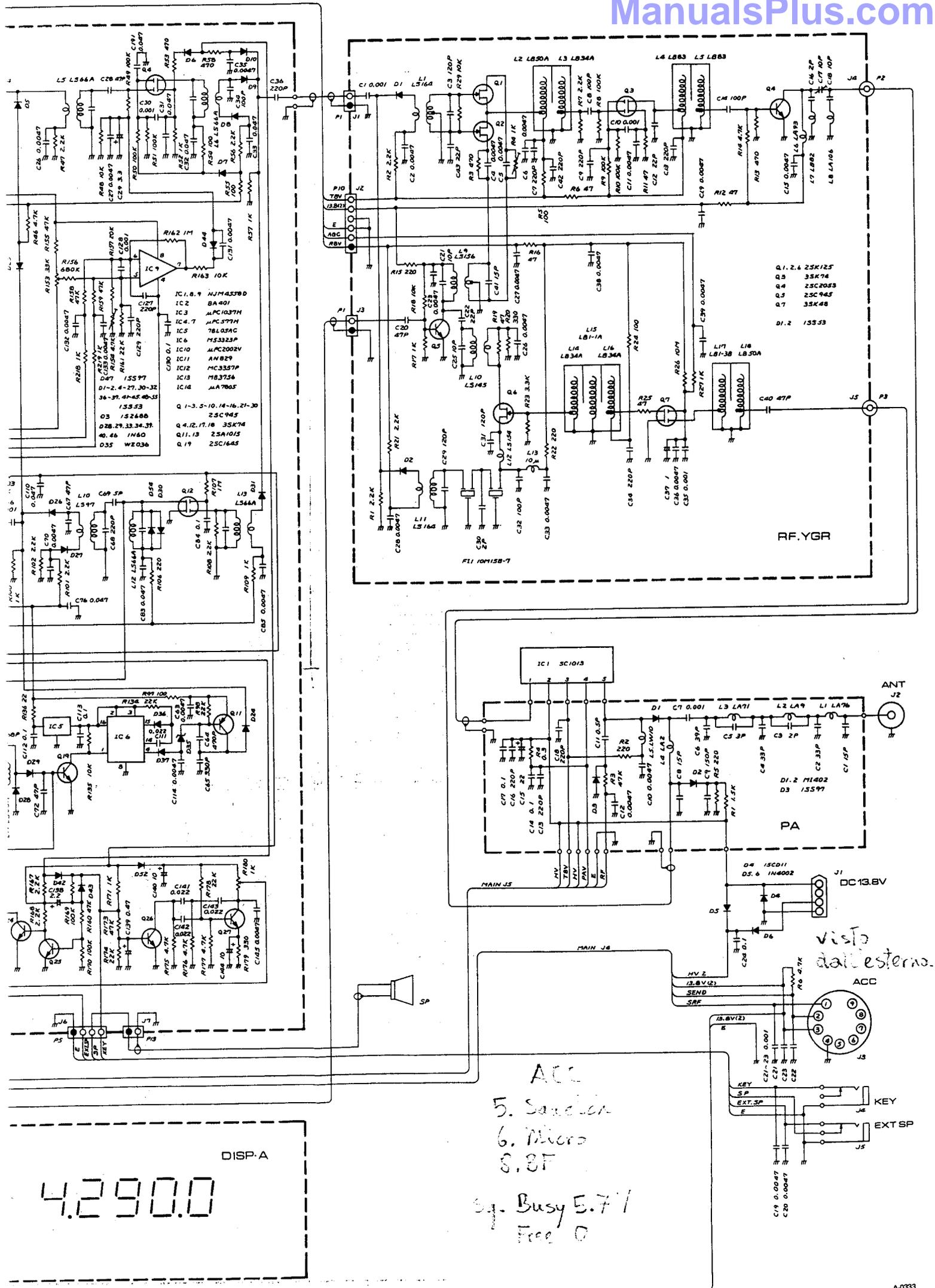
- D47 1S597
- D1-2, 4-7, 30-32
- 36-37, 44-45, 46, 55
- 1S553
- D3 1S248B
- D28, 29, 33, 34, 37
- 40, 46 1N60
- D35 WE036

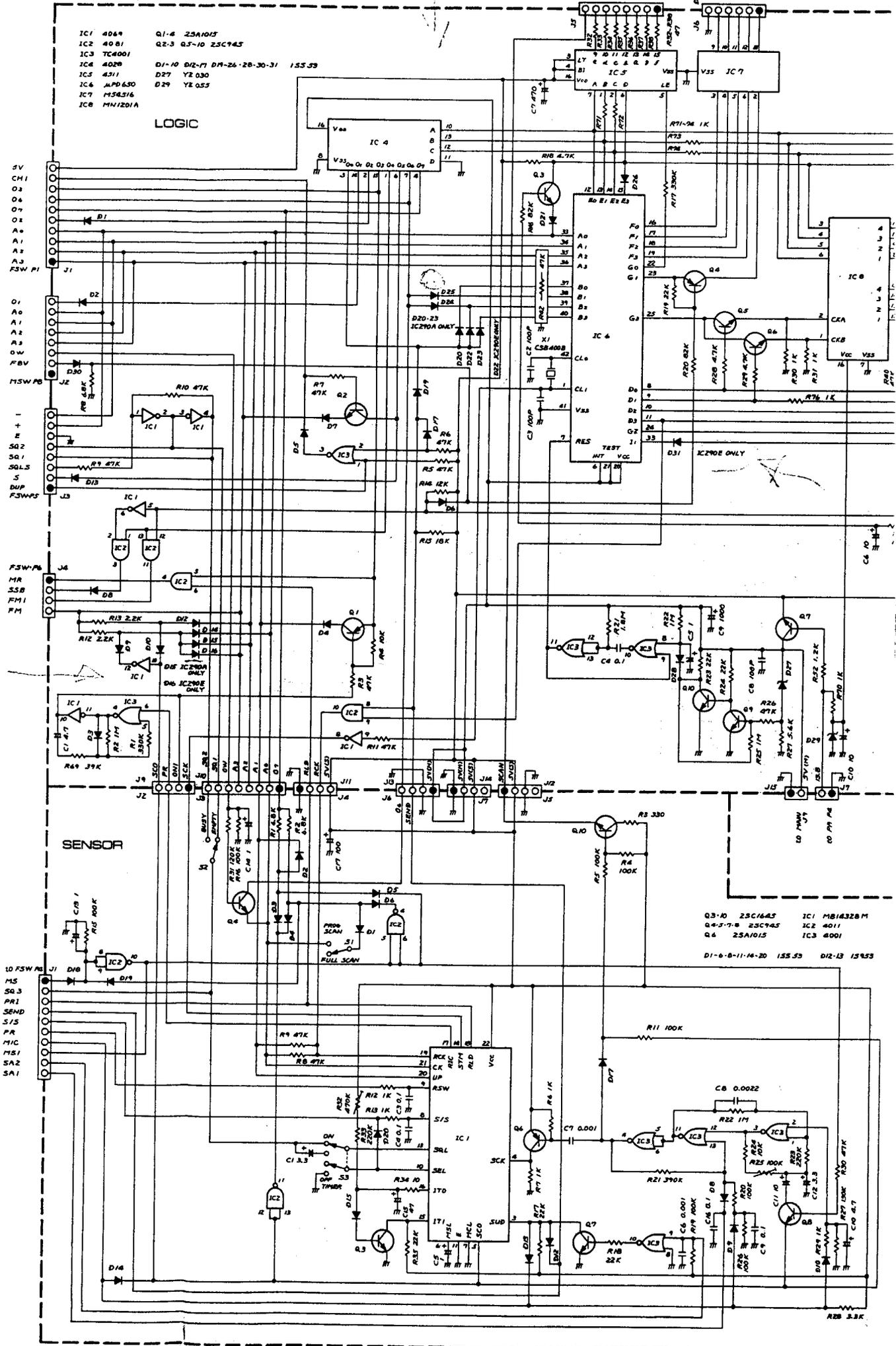
PLL LOGIC

SENSOR

MAIN

4.290





- IC1 4069 Q1-4 2SA1015
 IC2 4081 Q2-3 0.5-10 25C945
 IC3 TC4001
 IC4 4020 D1-10 D12-F1 D19-26-30-31 155.53
 IC5 4311 D27 YE.030
 IC6 ALP0630 D29 YE.055
 IC7 M54316
 IC8 MN1201A

LOGIC

SENSOR

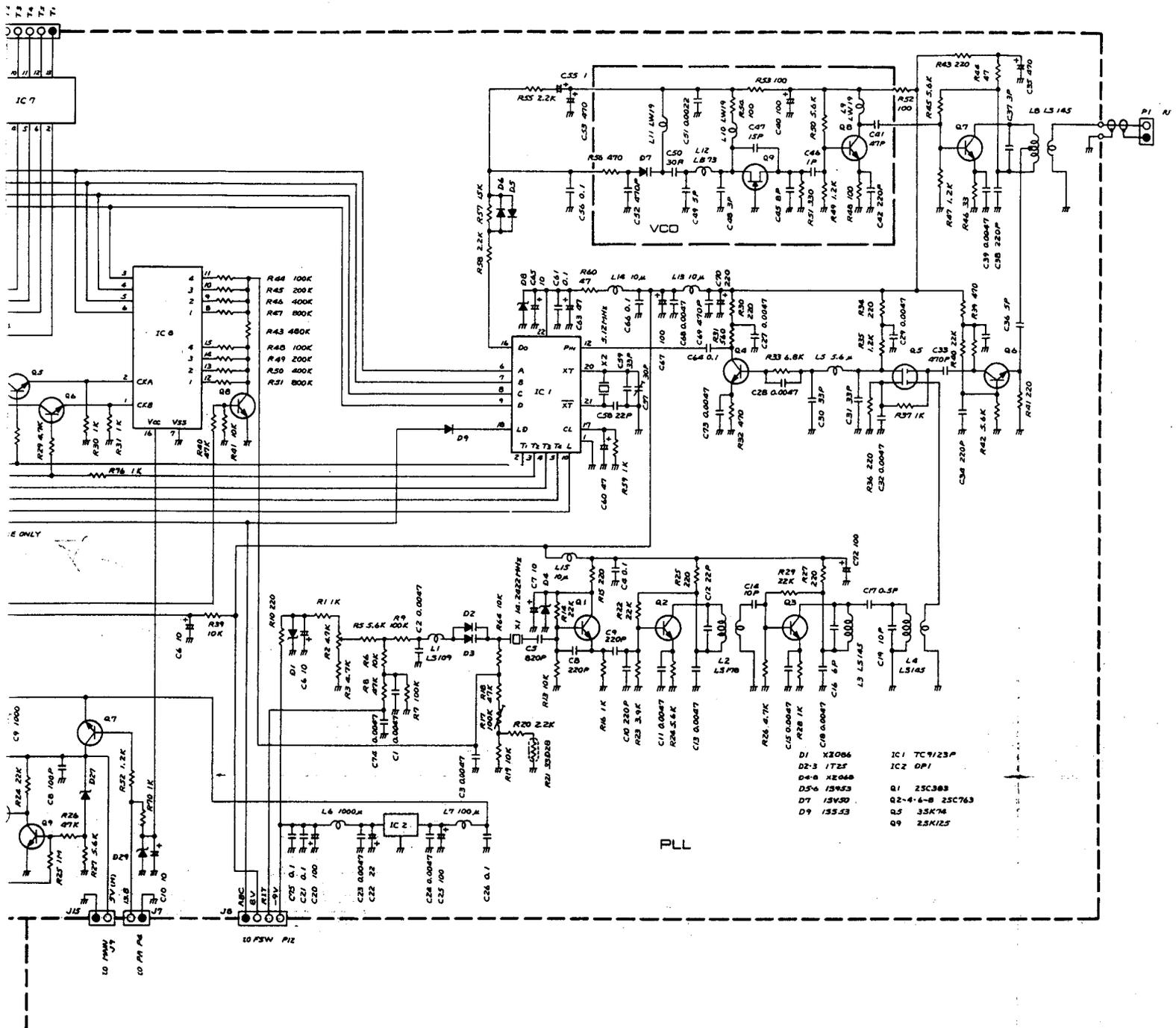
- Q3-10 25C1645 IC1 MB14328 M
 Q4-5-7-8 25C945 IC2 4011
 Q6 25A1015 IC3 4001
 D1-6-8-11-14-20 155.53 D12-13 15453

2V
 CH1
 O2
 O6
 O7
 O2
 A+
 A1
 A2
 A3
 A3
 O4
 F8V
 15SW P6
 15SW P6
 -
 +
 S02
 S01
 S0LS
 S
 DUP
 F3W P5

F3W P6
 MR
 SSB
 FM1
 FM

10 FSW P6
 J1
 D18
 MS
 S0.3
 PR1
 SEND
 S1S
 PR
 MIC
 MS1
 SA2
 SA1

C4 10



- | | | | |
|------|--------|----------|---------|
| D1 | X2086 | IC1 | 7C9/23P |
| D2-3 | 1T25 | IC2 | DP1 |
| D4-8 | X2048 | Q1 | 25C388 |
| D5-6 | 13V53 | Q2-4-6-8 | 25C763 |
| D7 | 13V50 | Q5 | 35K74 |
| D9 | 155.53 | Q9 | 25K125 |

- | | | | |
|--------------|---------|--------|----------|
| 3-10 | 25C1645 | IC1 | M814328M |
| 4-5-7-8 | 25C945 | IC2 | 4011 |
| 5 | 25A1015 | IC3 | 4001 |
| 6-8-11-16-20 | 155.53 | D12-13 | 15V53 |

