

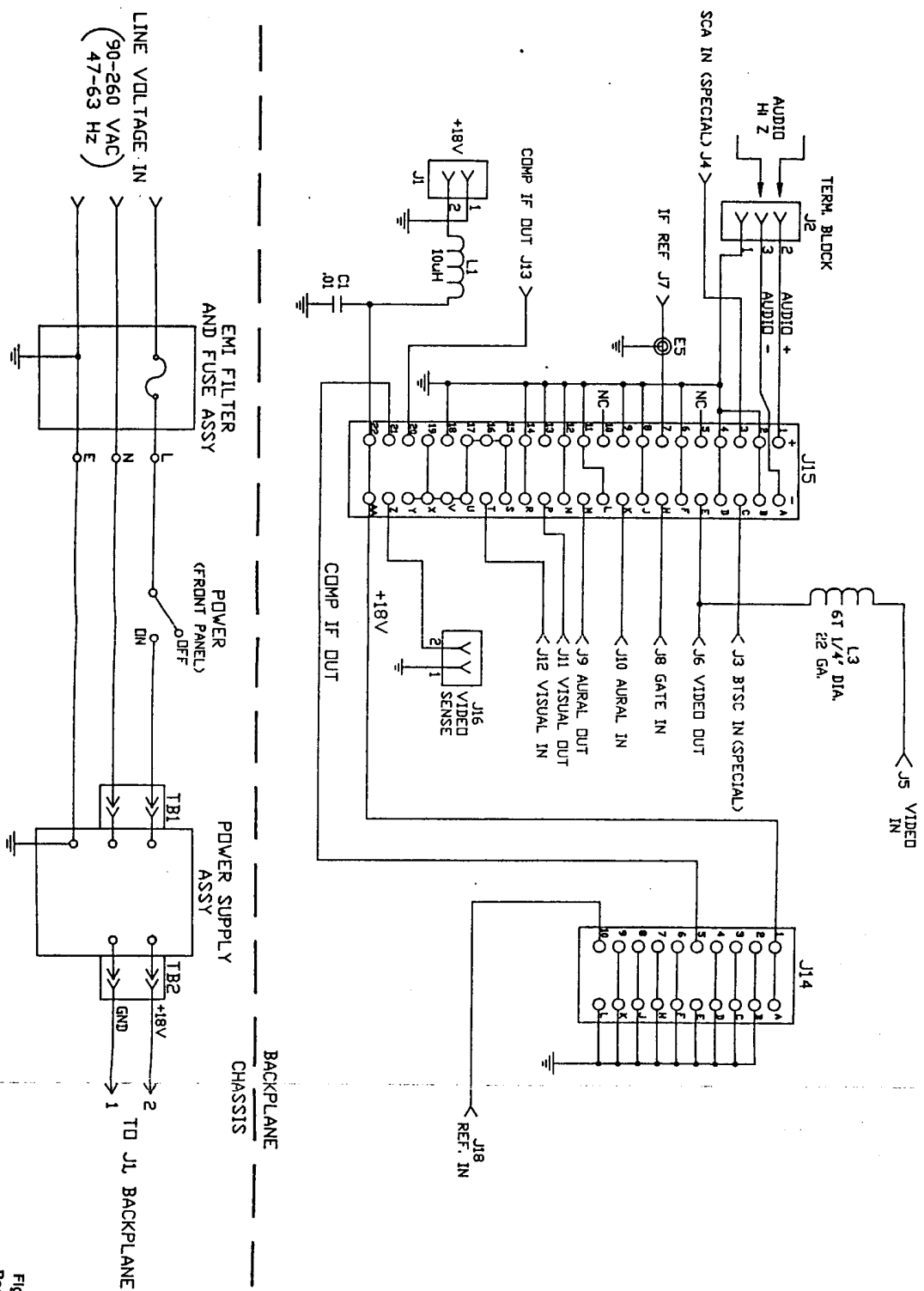


Figure 4-2  
Back Plane

SPECIAL NOTES:

1. RESISTANCE IS IN OHMS.
2. CAPACITANCE IS IN MICROFARADS.
3. INDUCTANCE IS IN MICROHENRYS.
4. SEE TABULATION ON CRT 2 # 2 FOR VALUES.

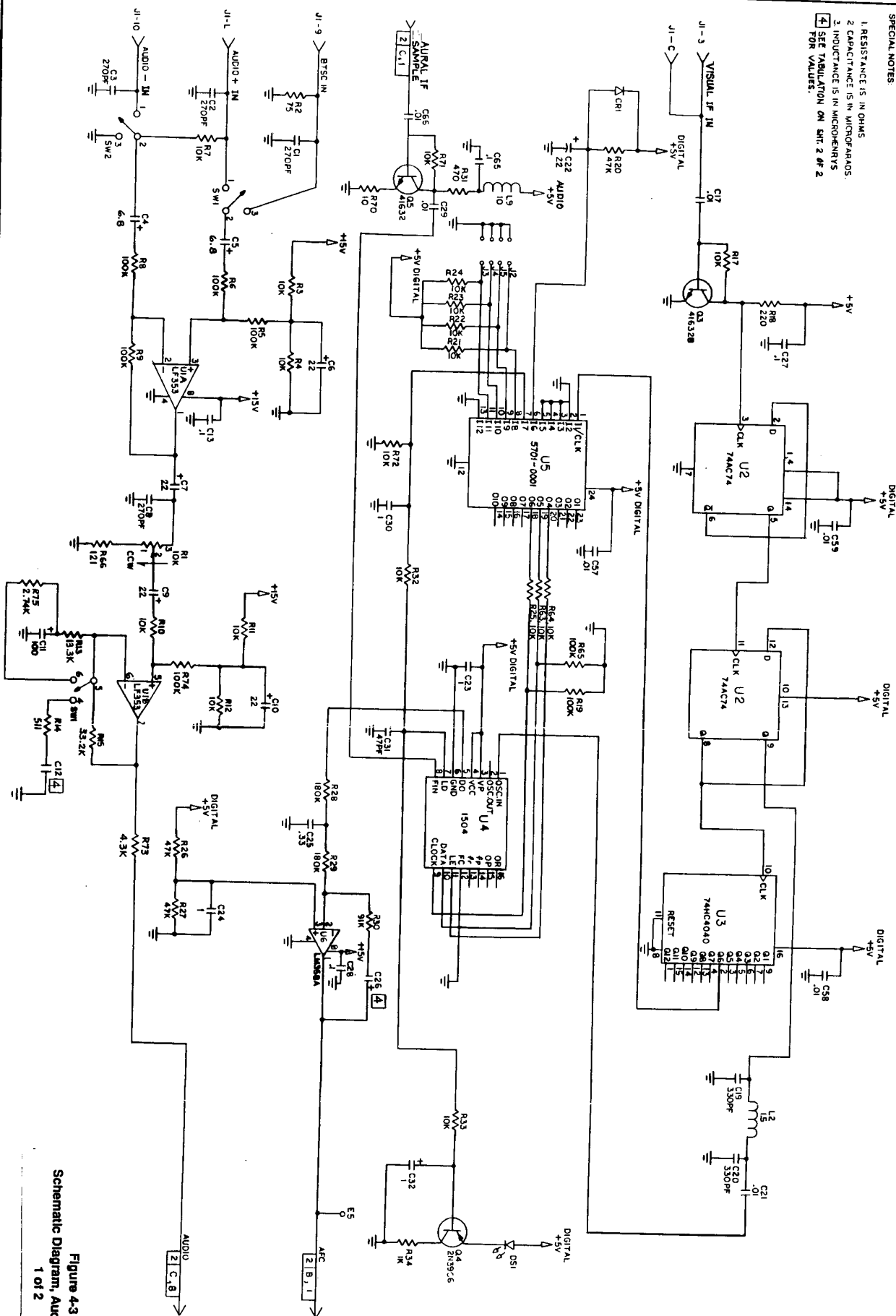
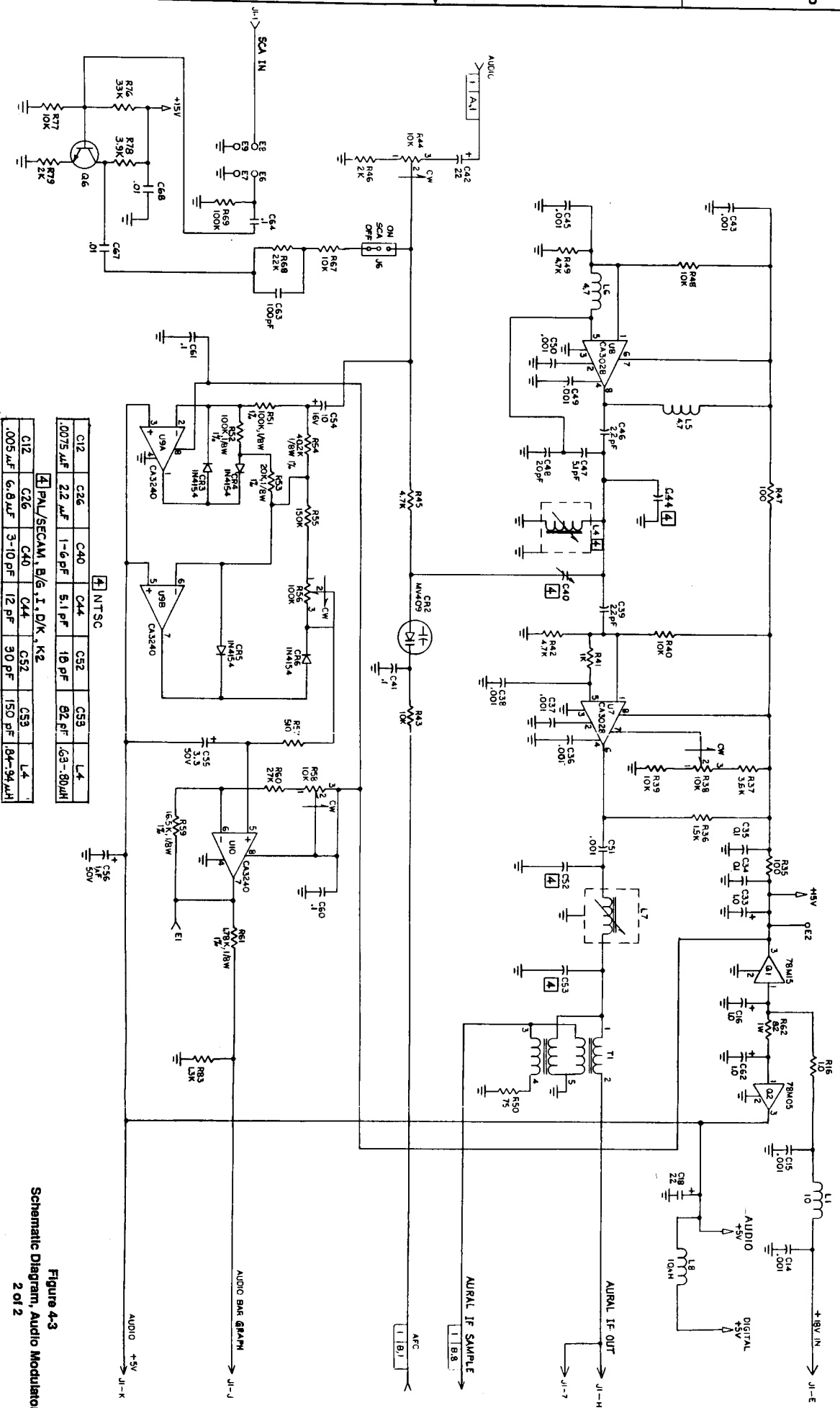


Figure 4-3  
Schematic Diagram, Audio Modulator  
1 of 2



- SPECIAL NOTES:
1. RESISTANCE IS IN OHMS, IF A W. SZ.
  2. CAPACITANCE IS IN PICOFARADS.
  3. INDUCTANCE IS IN MICROHENRIES.
  4. ASSEMBLES WITHOUT BASEBAND ENCODER MUST HAVE JUMPER J2, 1-2.
  5. SEE TABULATION CHART SMT. 2.
  6. SEE JUMPER TABULATION ON SMT. 4.

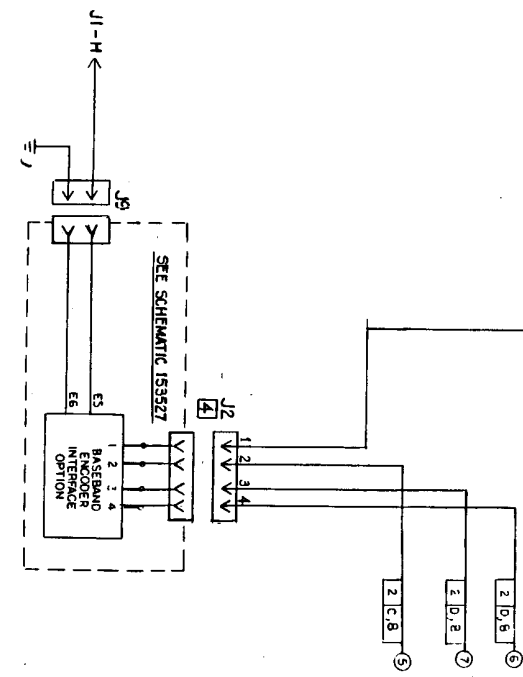
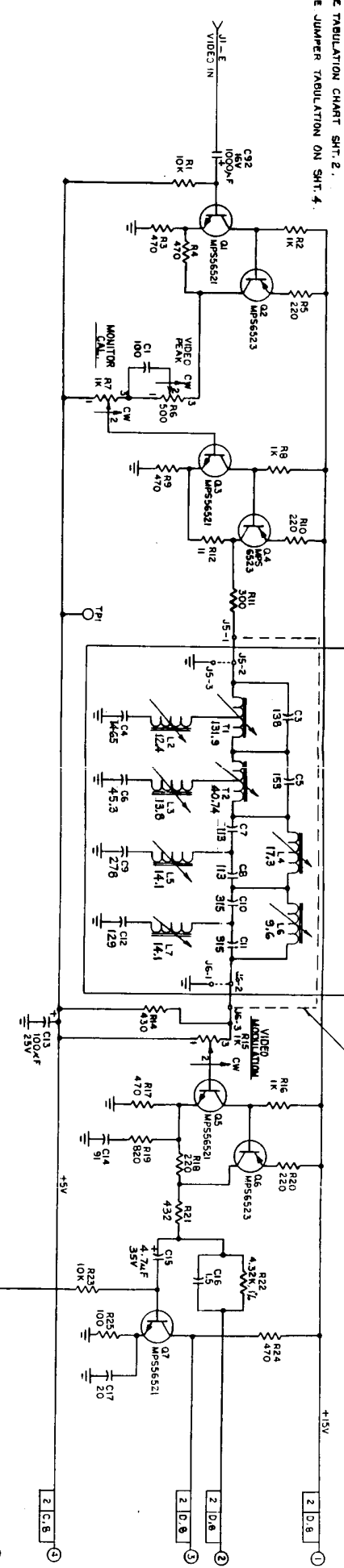
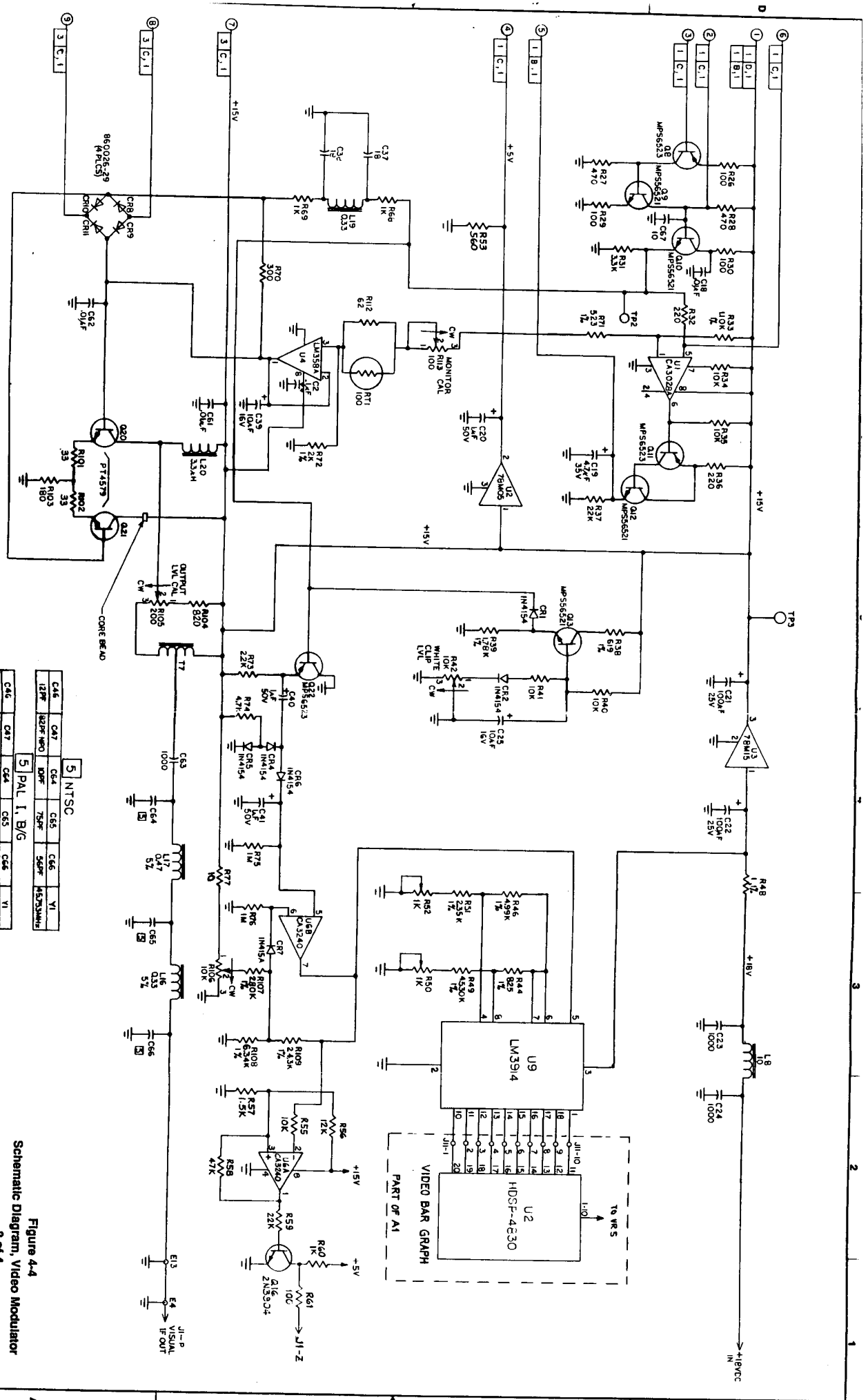


Figure 4-4  
Schematic Diagram, Video Modulator  
1 of 4



| 5 NTSC       |      |       |       |       |
|--------------|------|-------|-------|-------|
| C46          | C47  | C48   | C49   | C50   |
| 12PF         | 82PF | 100PF | 100PF | 100PF |
| 5 PAL I, B/G |      |       |       |       |
| C46          | C47  | C48   | C49   | C50   |
| 12PF         | 82PF | 100PF | 100PF | 100PF |

Figure 4-4  
Schematic Diagram, Video Modulator  
2 of 4

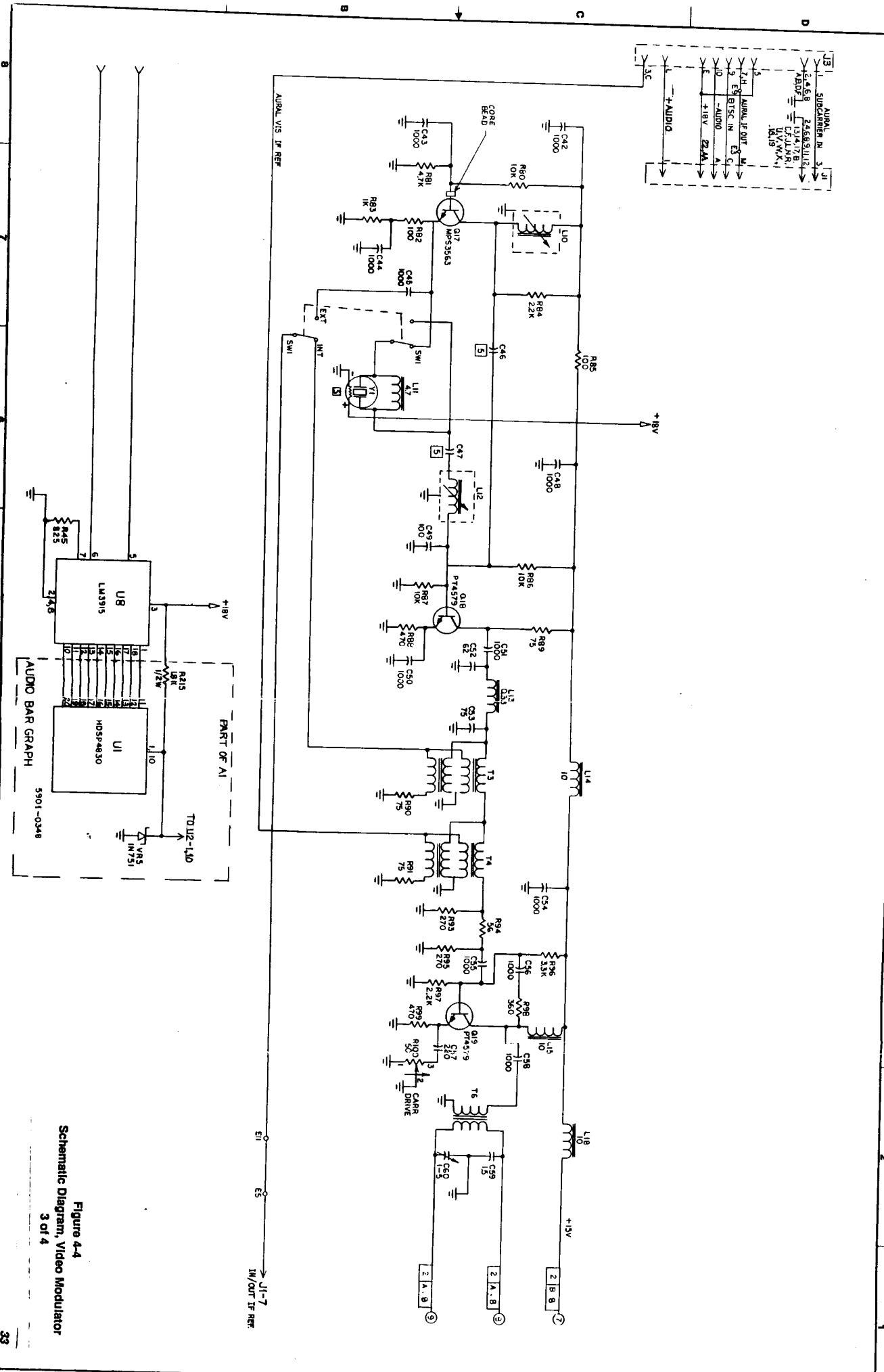


Figure 4-4  
Schematic Diagram, Video Modulator  
3 of 4

| 6 JUMPER TABULATION |                 |      |     |
|---------------------|-----------------|------|-----|
| JUMPER              | TYPE OF SERVICE | J10  | J12 |
| CATV                | 2-3             | OPEN |     |
| BROADCAST           | 1-2             |      | 1-2 |

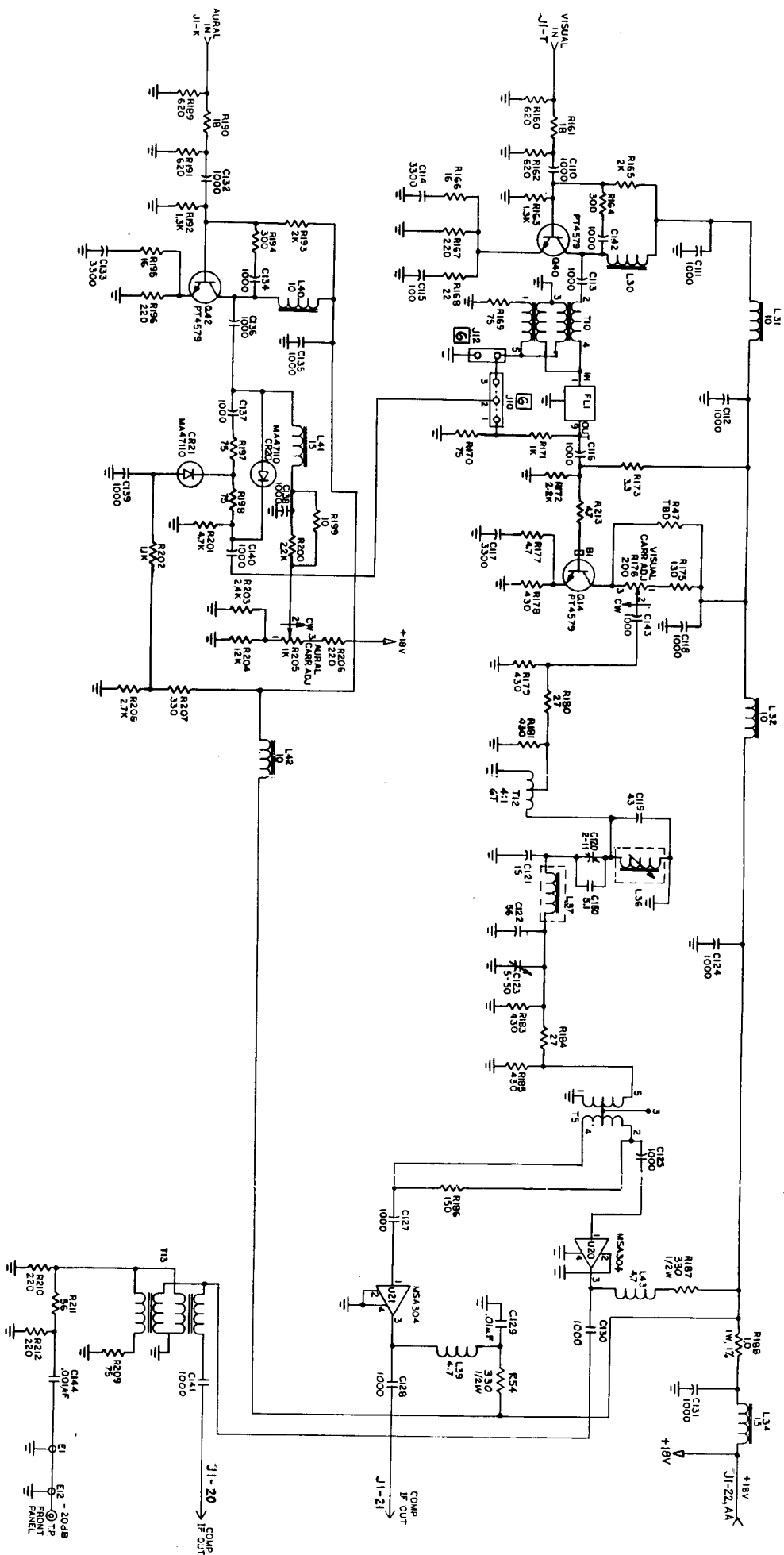
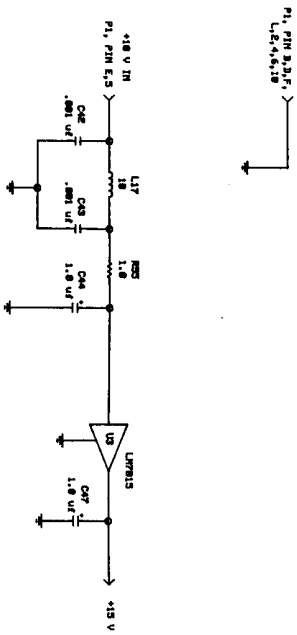


Figure 4-4  
Schematic Diagram, Video Modulator  
4 of 4

P1, PIN 9

NC



NOTES  
1. VALUE OF COMPONENTS IN CAPS,  
PICTOWARDS OR MICROFARADS

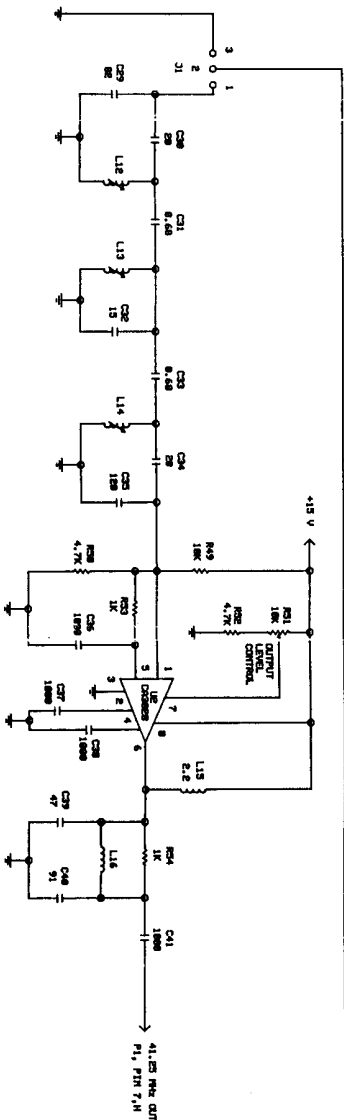
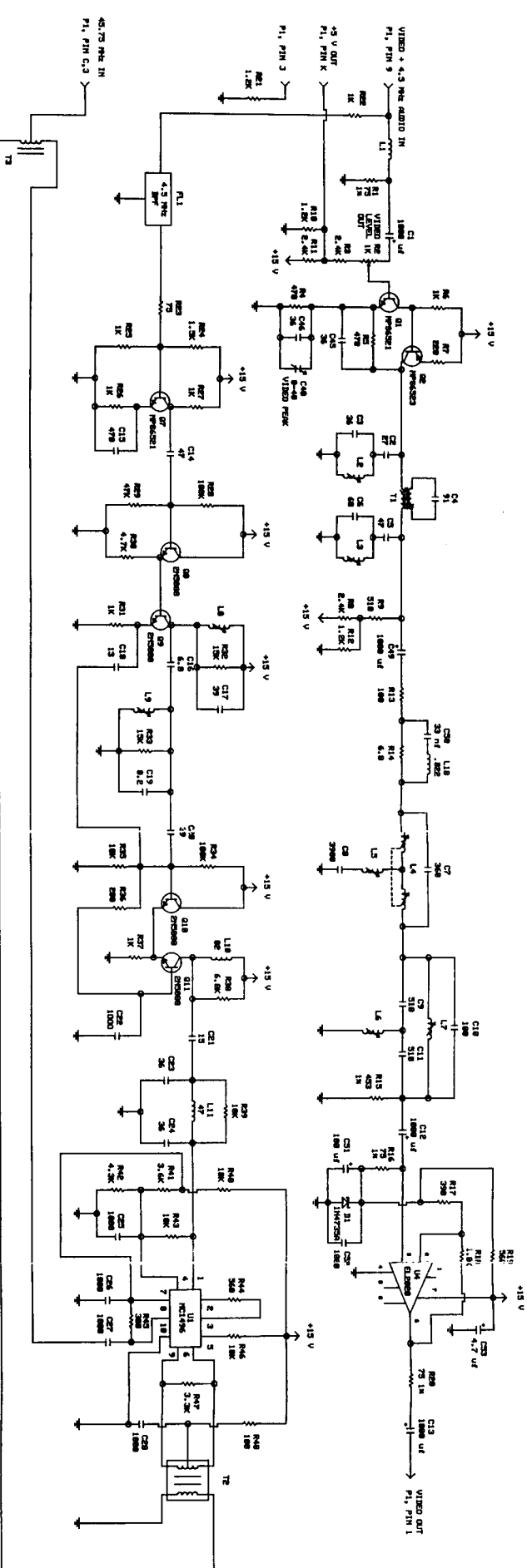


Figure 4-7  
Schematic Diagram  
Aural Subcarrier Processor



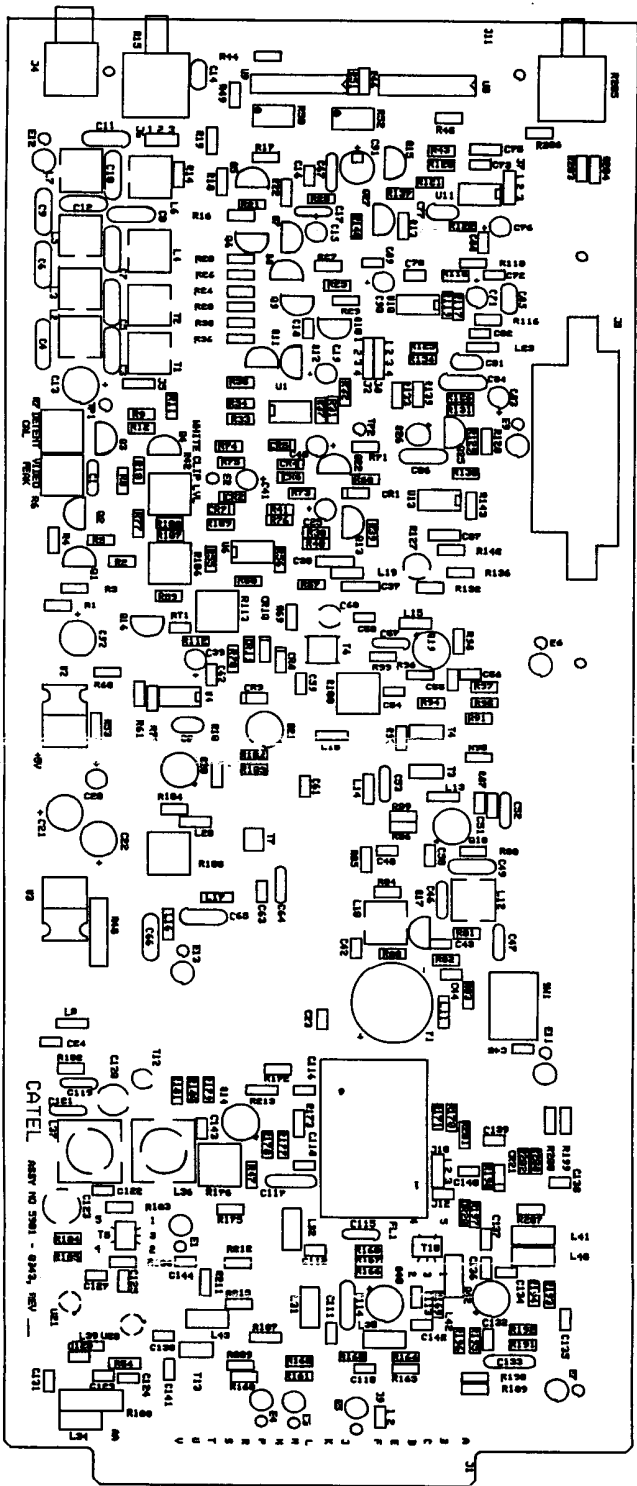
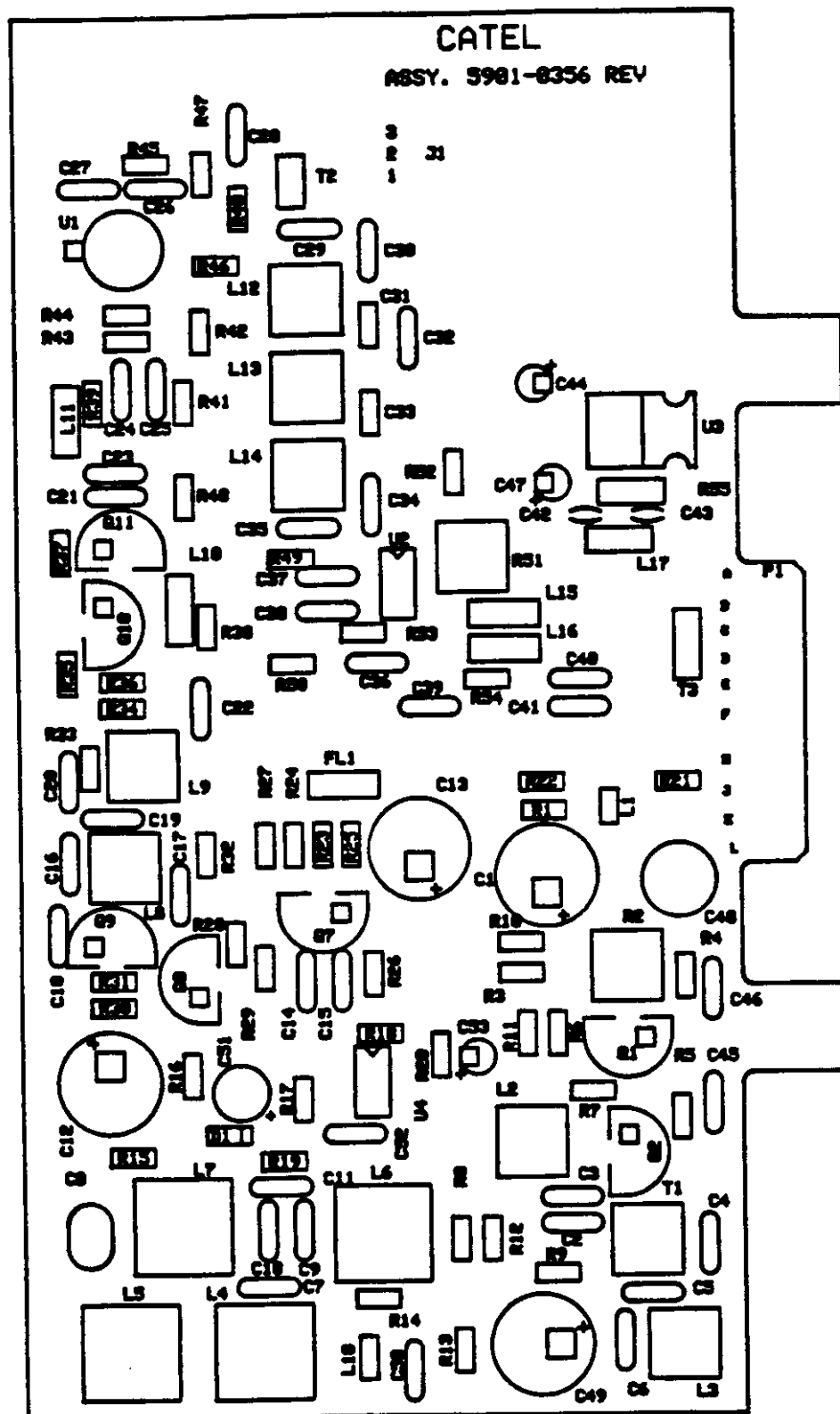


Figure 5-3  
PCB Parts Location Diagram  
Video Modulator



**Figure 5-4**  
**PCB Parts Location Diagram**  
**Aural Subcarrier Processor**