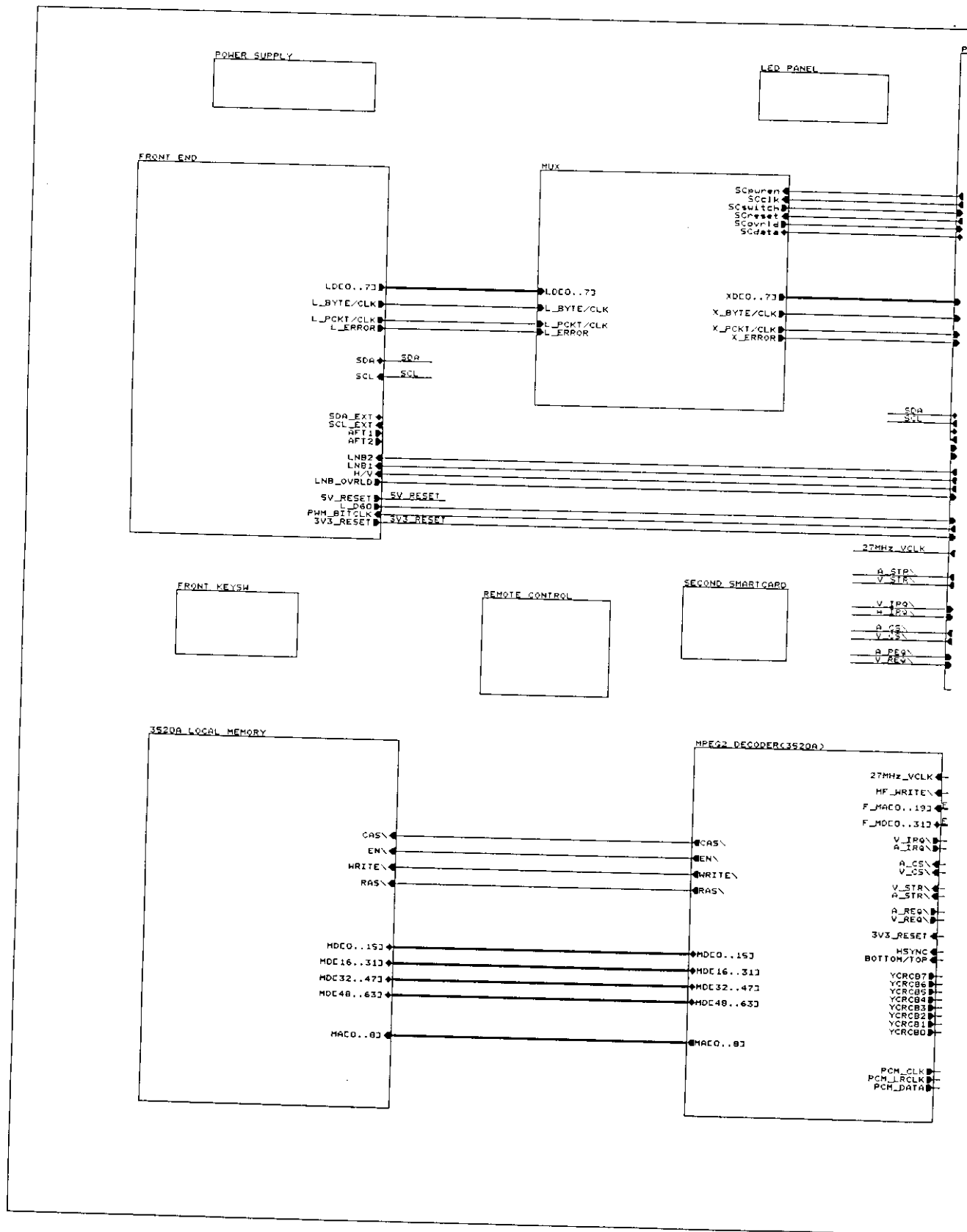
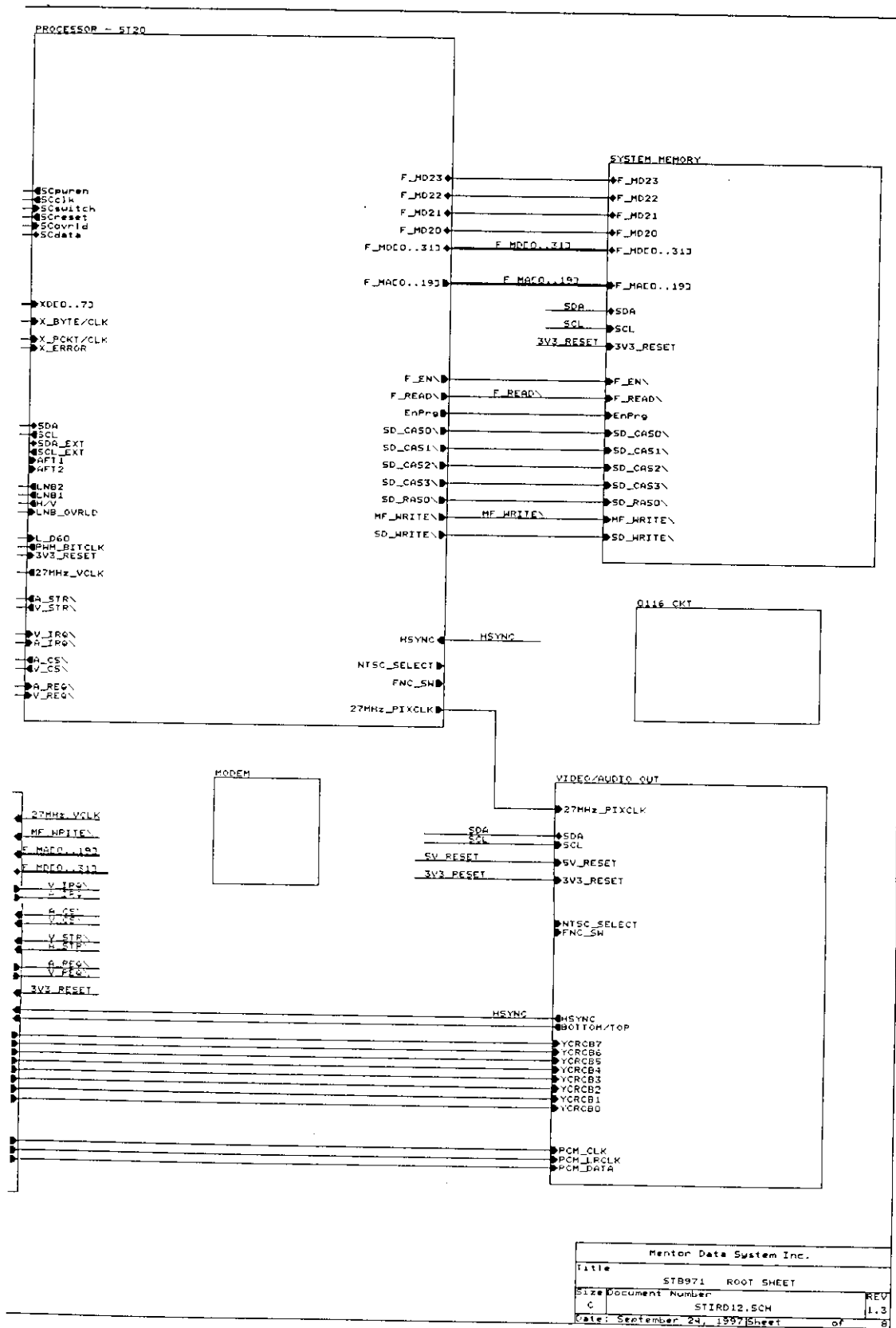
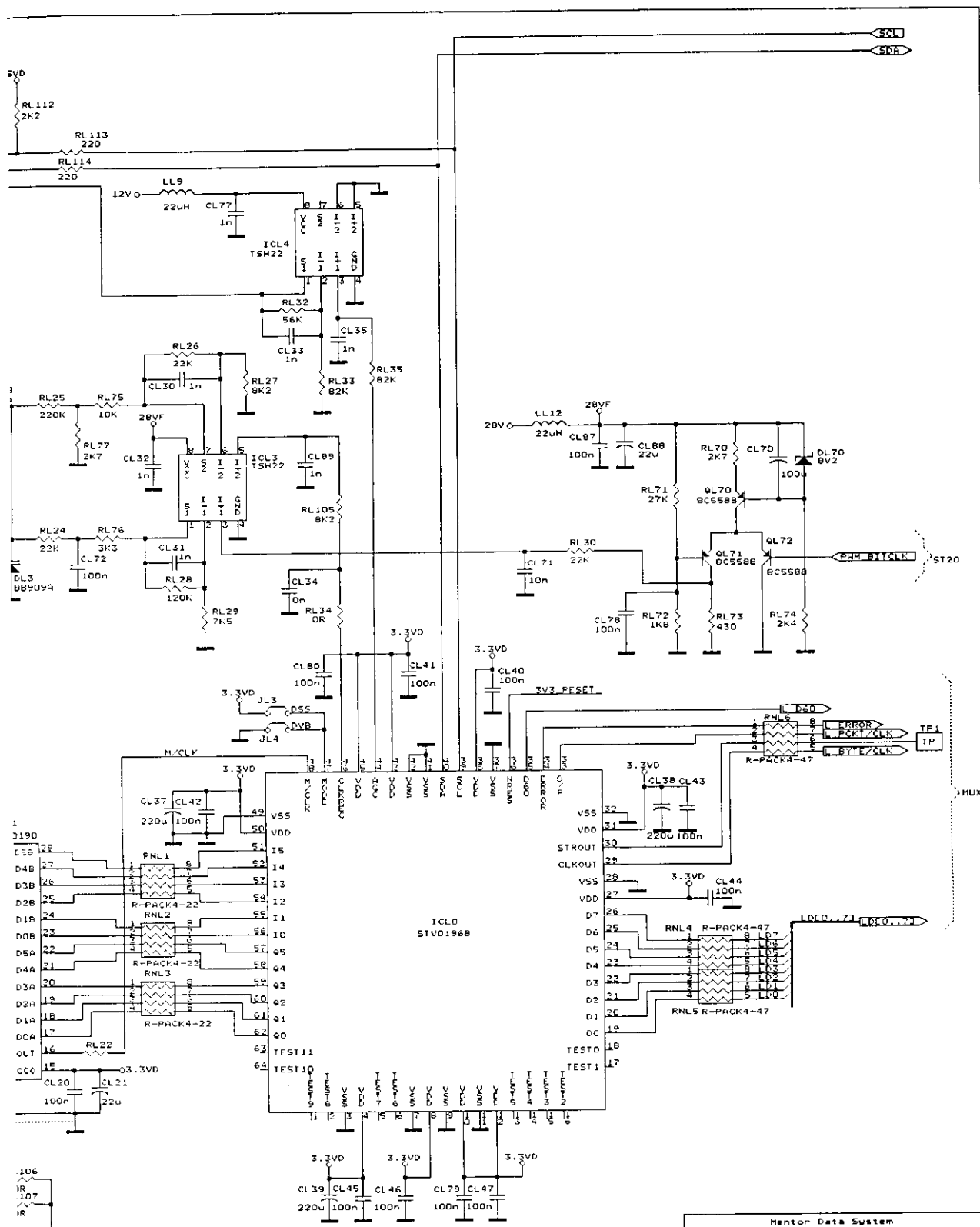


CIRCUIT DIAGRAM

FCC ID. No.: NZP-STB3100

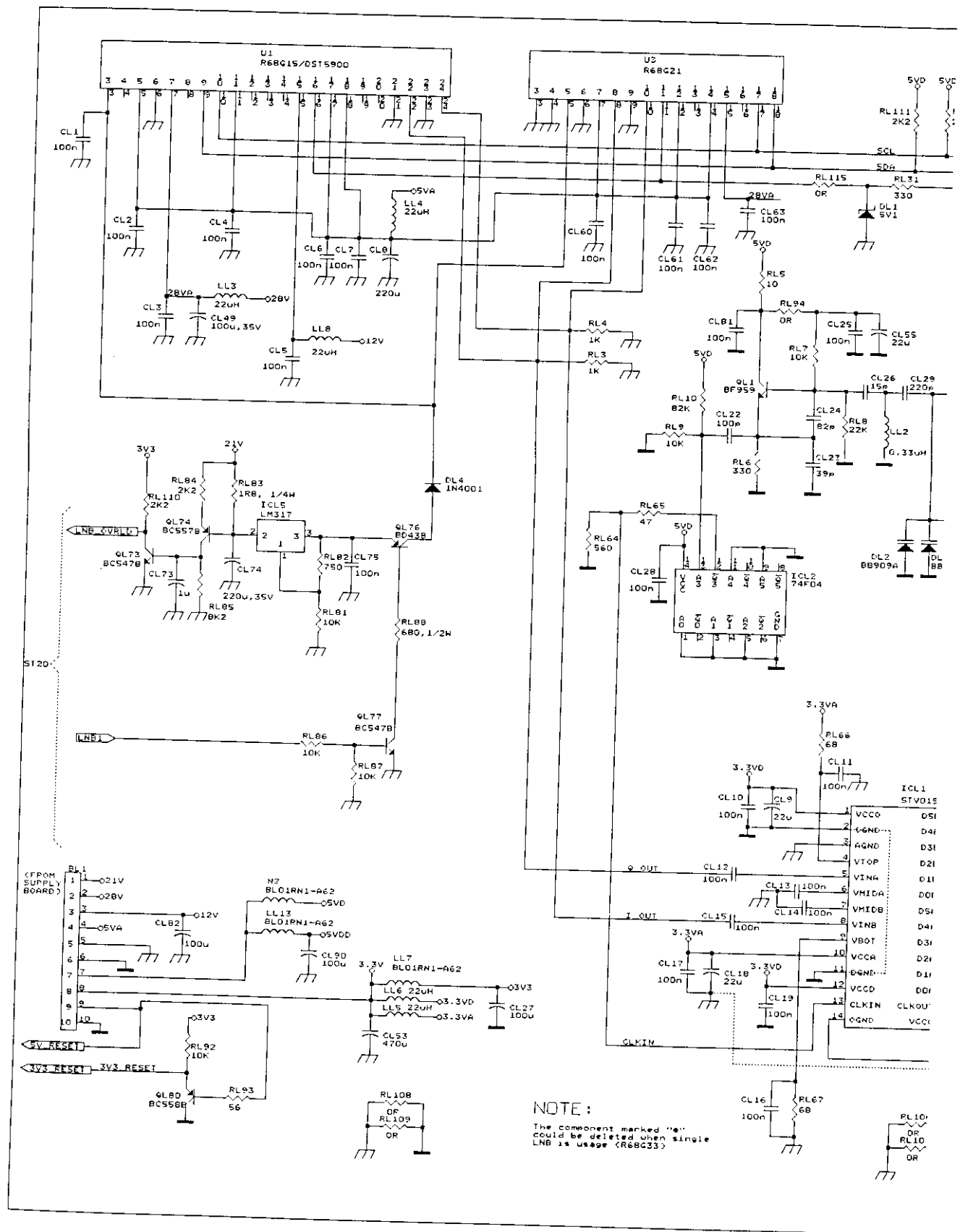






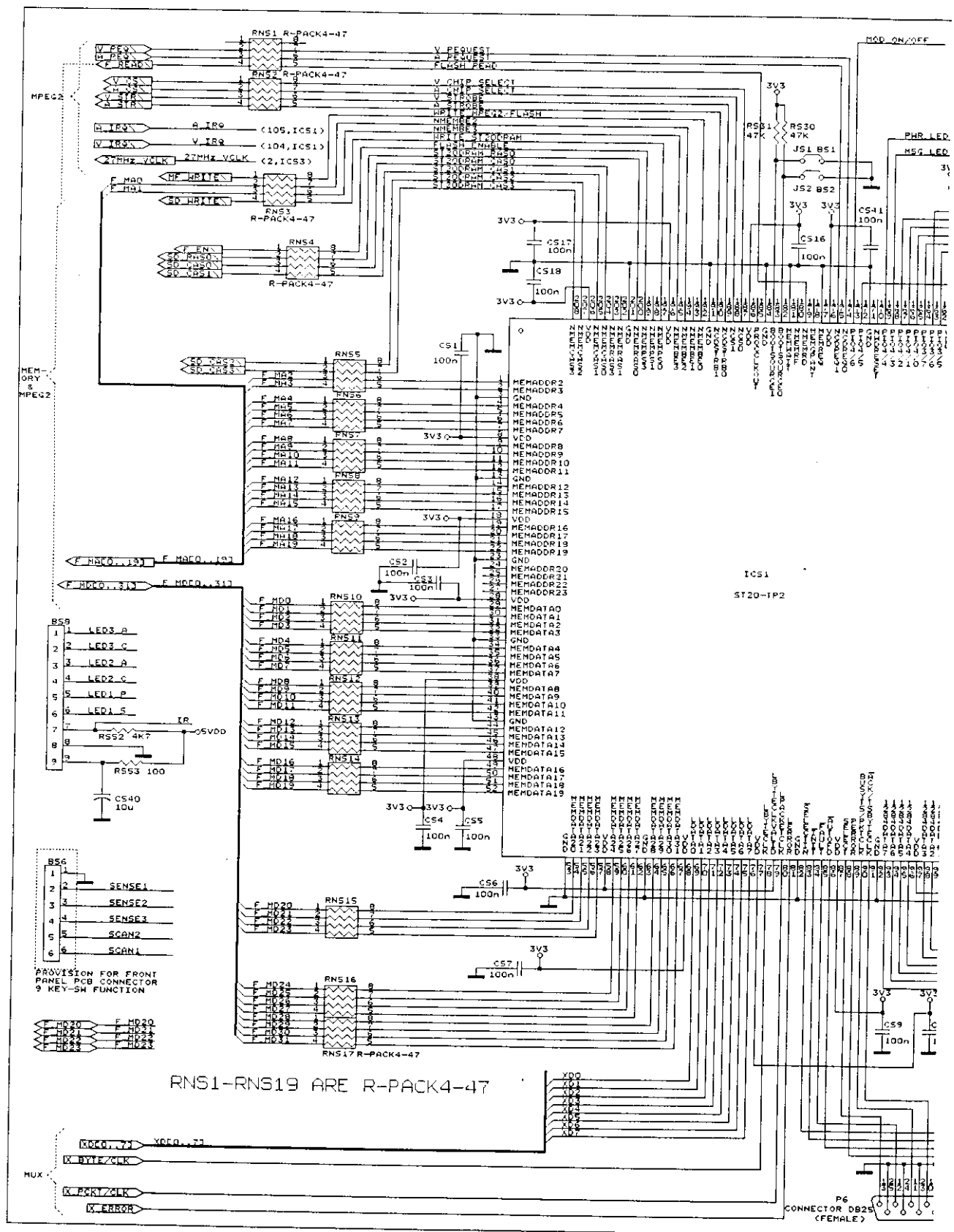
\*NOTE: POSITION OF N2 IS NOT INCLUDED IN CURRENT PCB

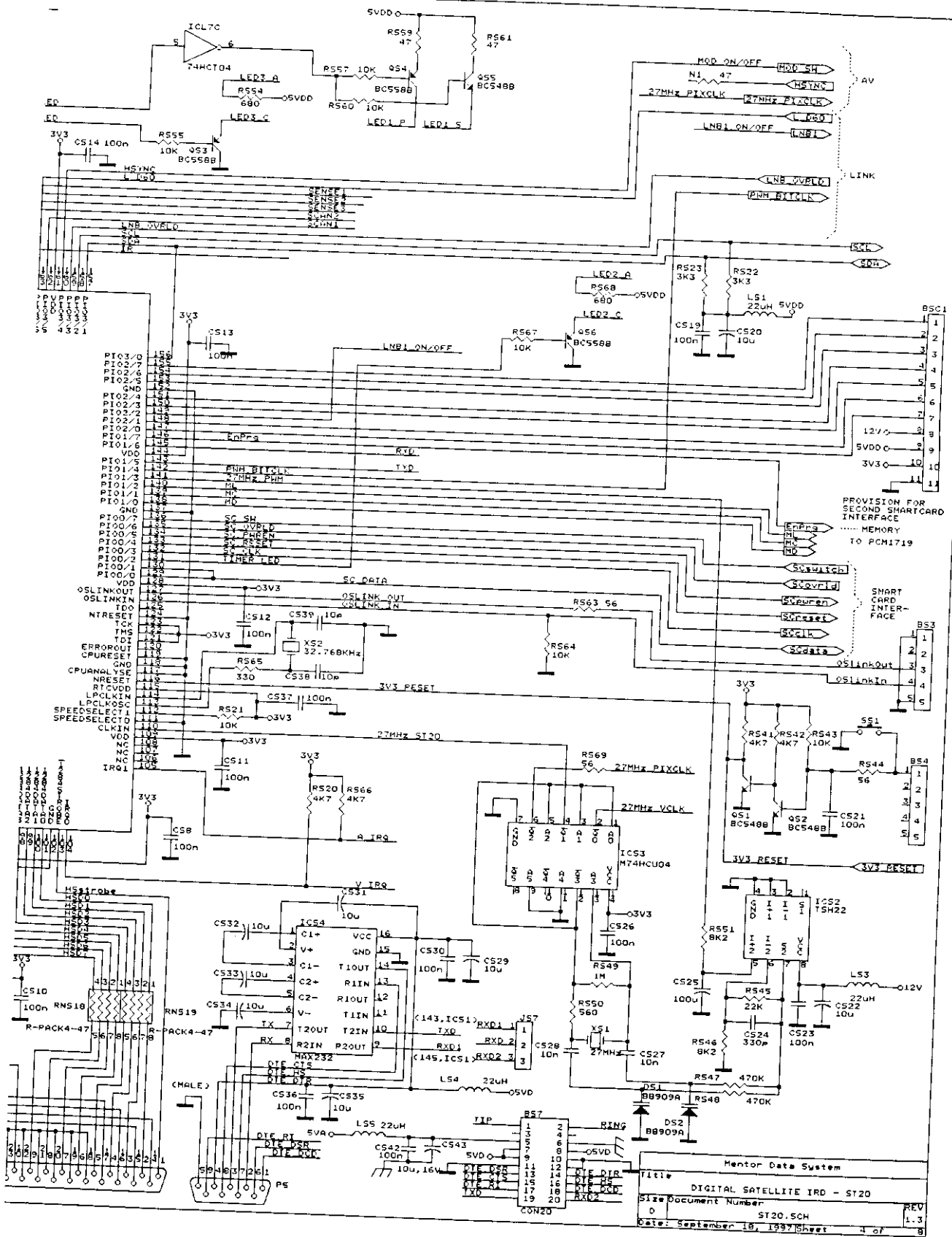
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| D                                        | LINK-SCH | REV | 1.3 |
| Date: September 18, 1997 Sheet 2 of 6    |          |     |     |

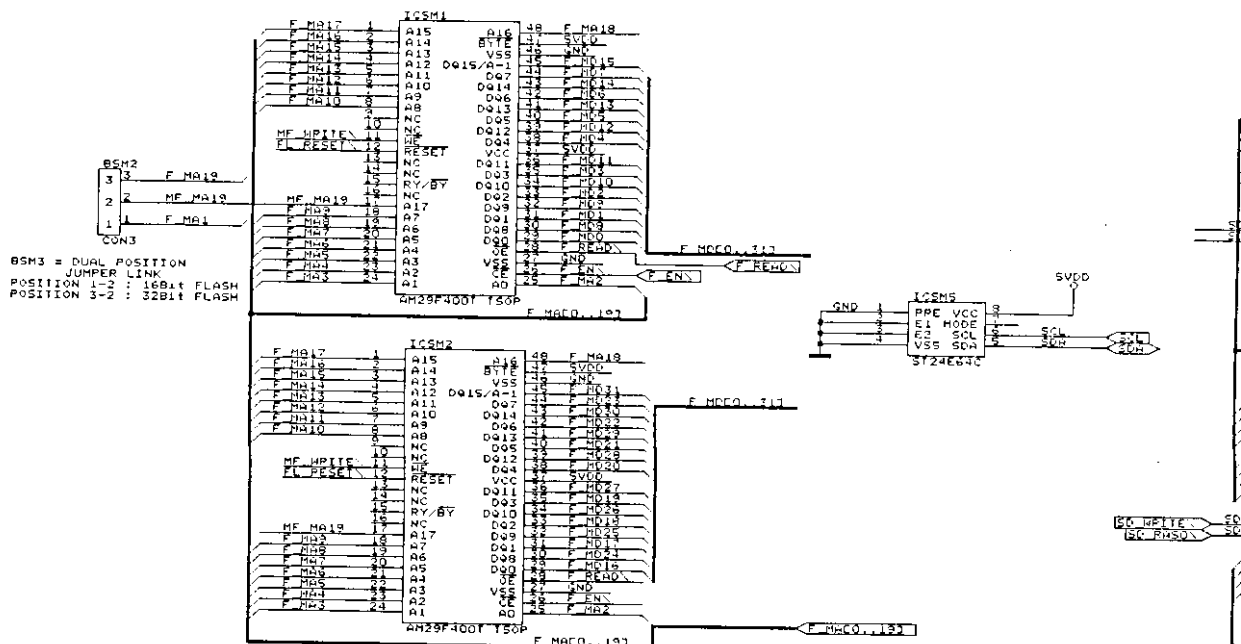




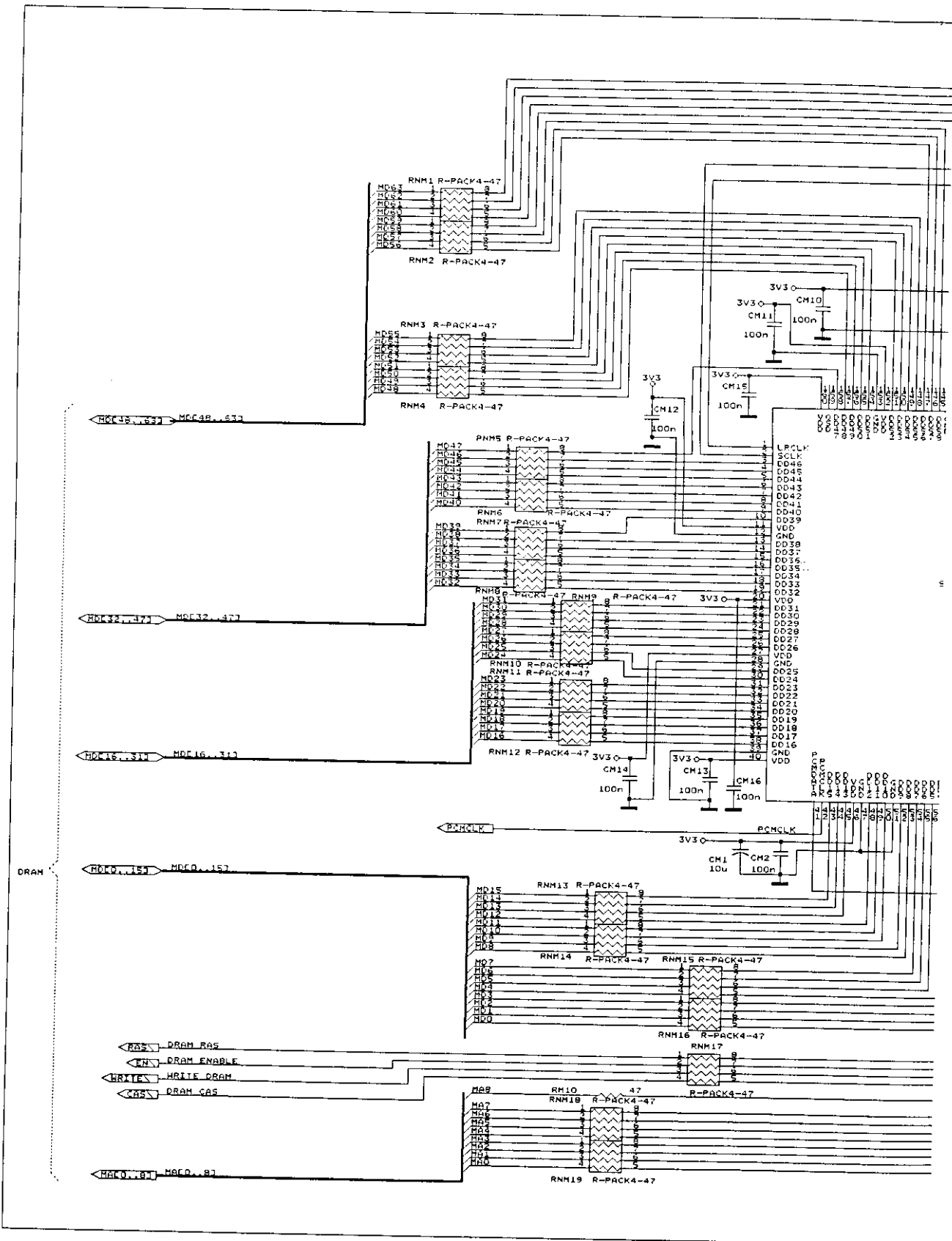


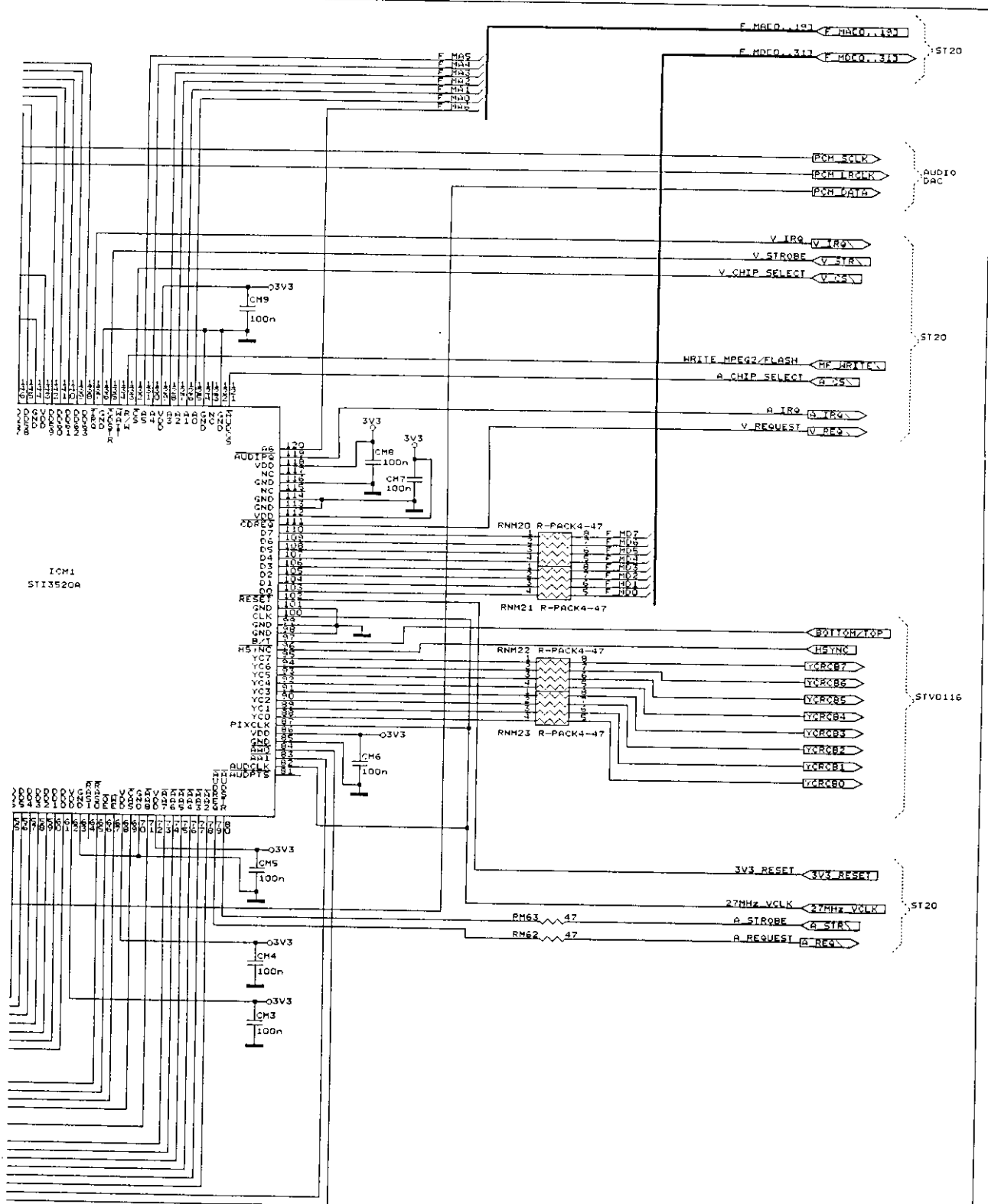






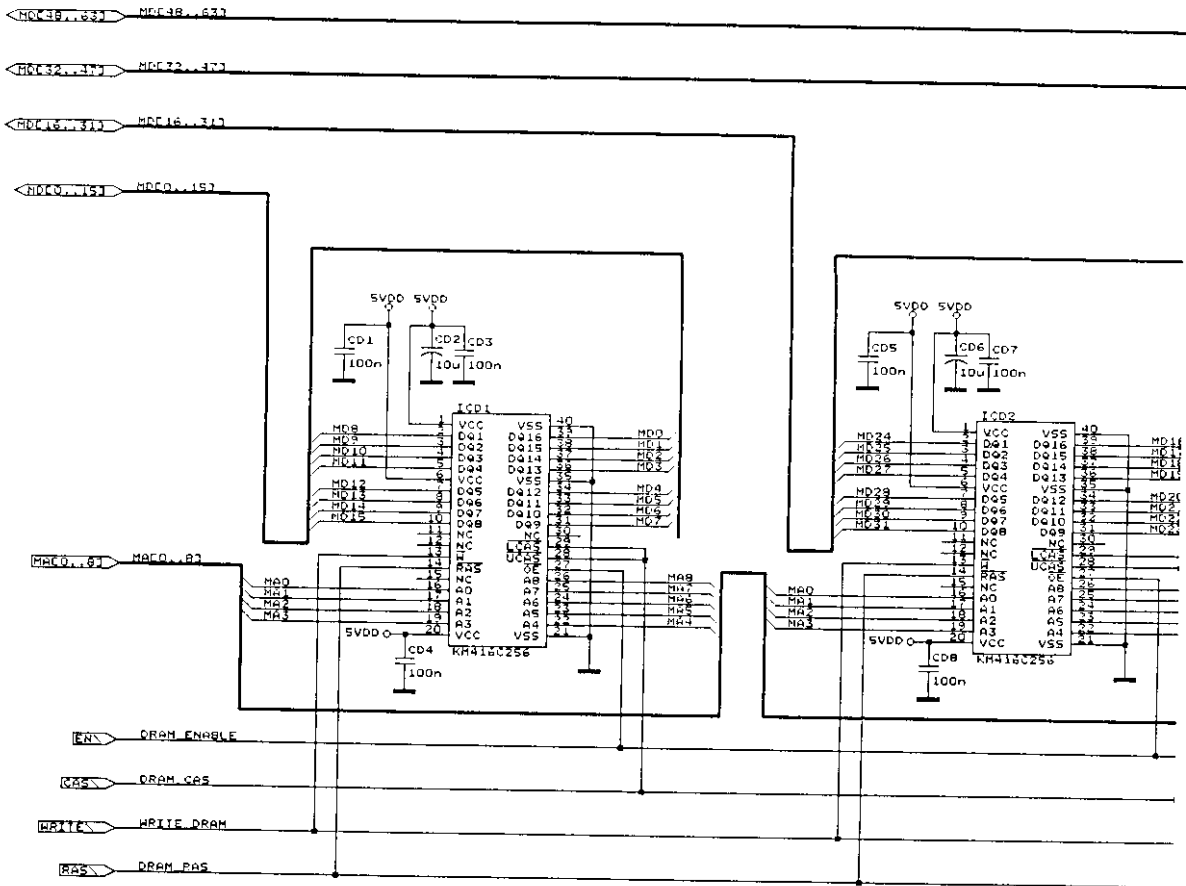


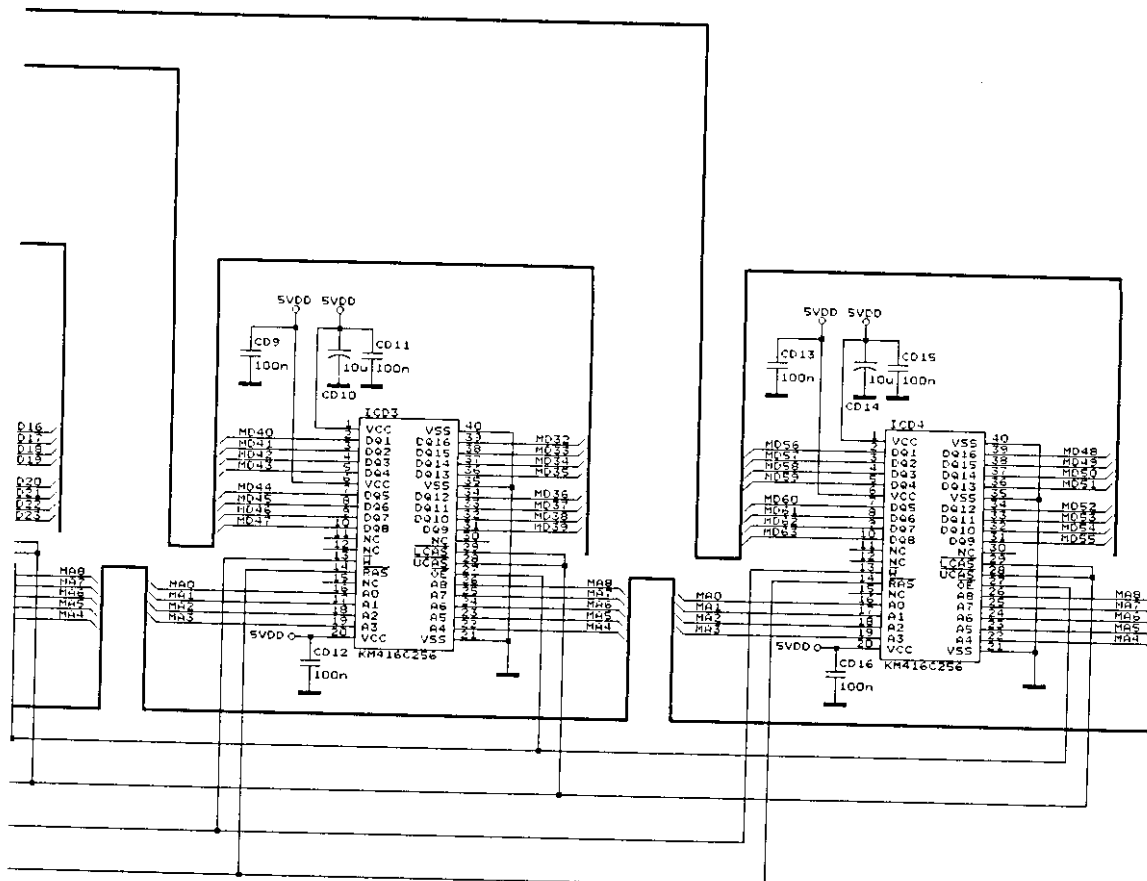




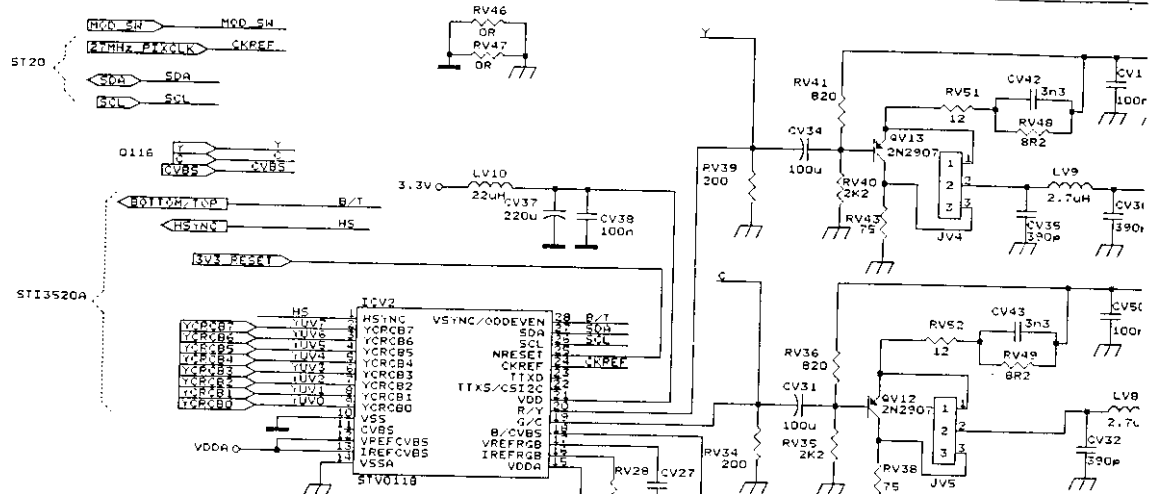
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| Size Document Number                  |           |     |     |
| 0                                     | MPEG2.SCH | REV | 1.3 |
| Date: September 18, 1997 Sheet 6 of 8 |           |     |     |

MPEG2





| Mentor Data System                    |                 |     |  |
|---------------------------------------|-----------------|-----|--|
| Title                                 |                 |     |  |
| DIGITAL SATELLITE IRD - MPEG2 DRAM    |                 |     |  |
| Size                                  | Document Number | REV |  |
| 0                                     | DRAM.SCH        | 1.3 |  |
| Date: September 18, 1997 Sheet 7 of 8 |                 |     |  |

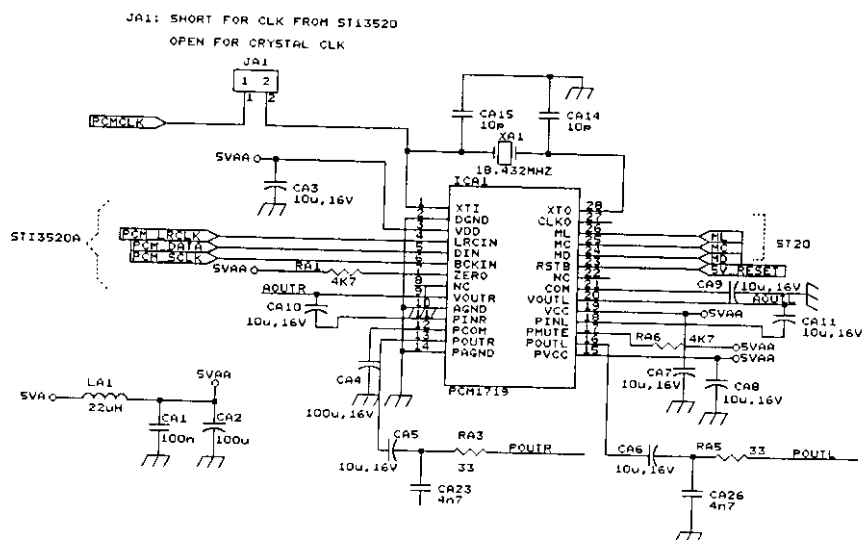


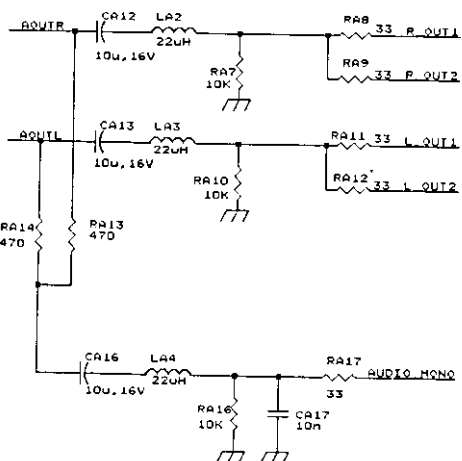
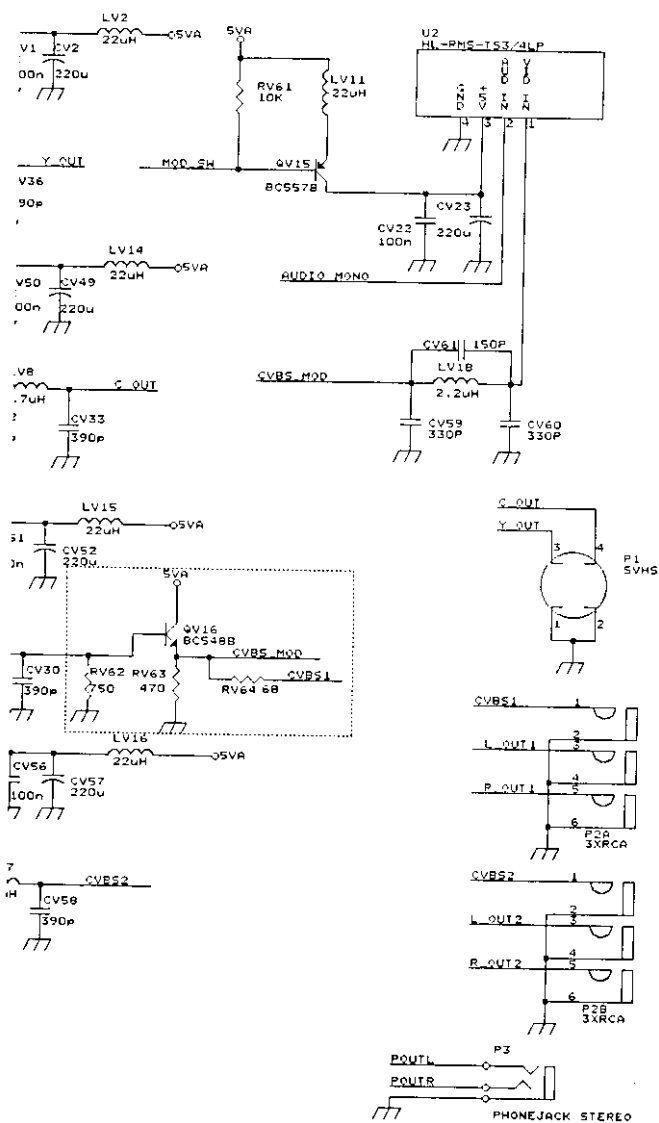
|      |                             |
|------|-----------------------------|
| Y    | RV41, RV40, RV43, RV48, JV4 |
| 0118 | 820 2K2 75 8R2 2-3          |
| 0116 | NO 1K 0 150 1-2             |

C: OUTPUT STAGE NOT CHANGED BOTH 0118&0116  
JVS AT 2-3 FOR BOTH CASE

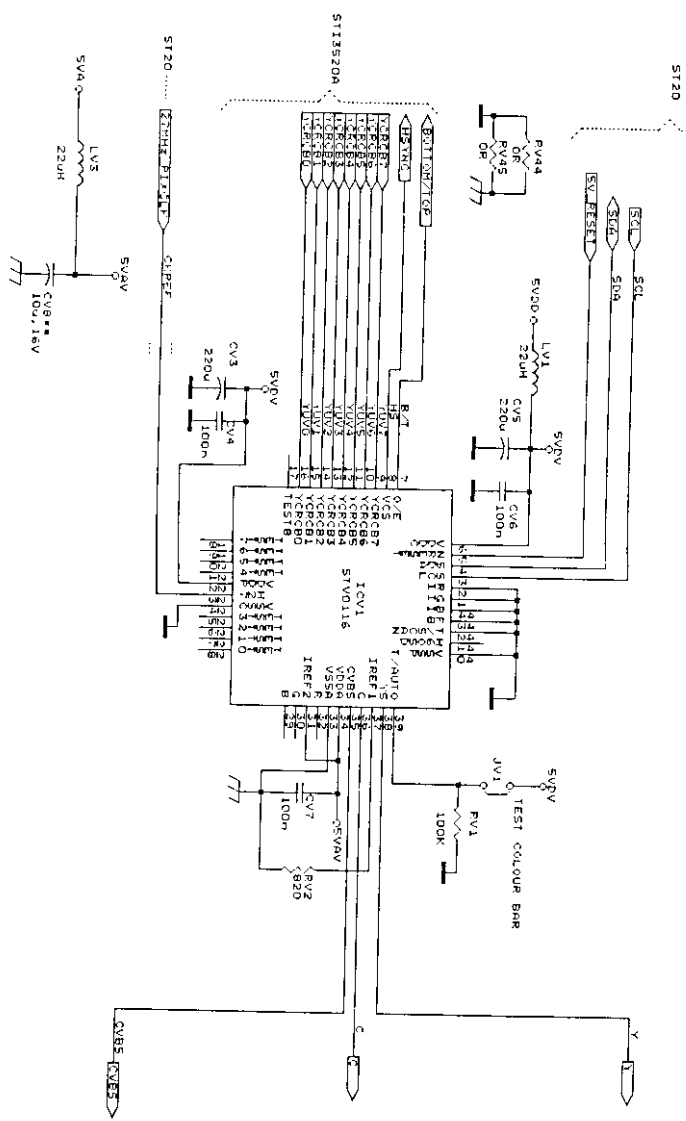
|       |                                                     |
|-------|-----------------------------------------------------|
| CVBS1 | RV31, RV30, RV33, RV50, JV6, CV44, RV22, RV54, RV53 |
| 0118  | 820 2K2 75 8R2 2-3 3n3 400 400 470                  |
| 0116  | NO 1K6 0 33 1-2 NO 470 NO 10                        |

|       |                                   |
|-------|-----------------------------------|
| CVBS2 | RV56, RV55, RV57, RV59, JV7, CV54 |
| 0118  | 820 2K2 75 8R2 2-3 3n3            |
| 0116  | NO 168 0 33 1-2 NO                |





| Mentor Data System                      |        |     |     |
|-----------------------------------------|--------|-----|-----|
| Title                                   |        |     |     |
| DIGITAL SATELLITE IRD - AUDIO/VIDEO O/P |        |     |     |
| Size Document Number                    |        |     |     |
| D                                       | AV.SCH | REV | 1.3 |
| Date: September 18, 1997 Sheet 8 of 8   |        |     |     |



| Mentor Data System |                                 |
|--------------------|---------------------------------|
| Size               | Document Number                 |
| 9                  | ST016.SCH                       |
| Date               | September 18, 1997 Sheet 9 of 9 |