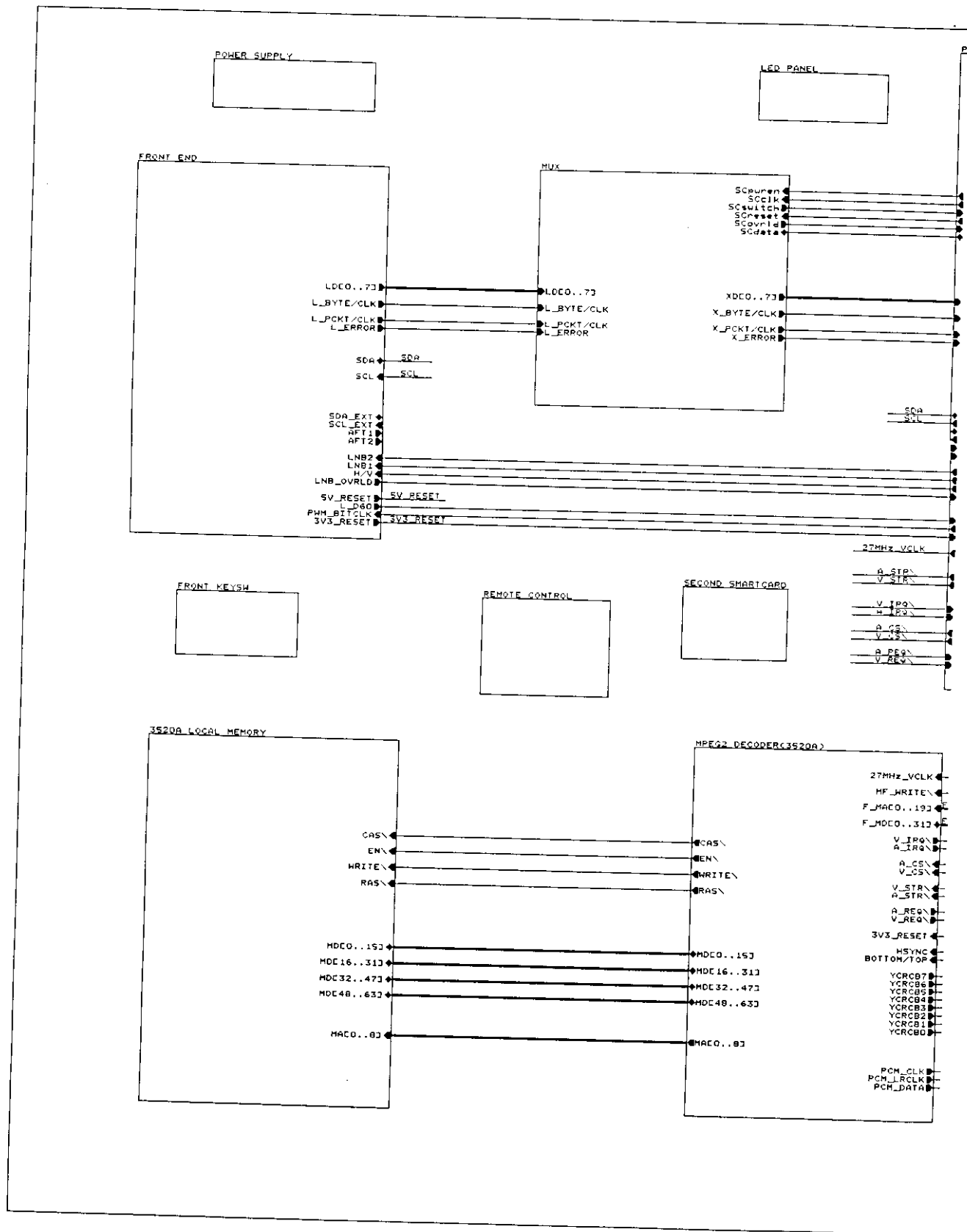
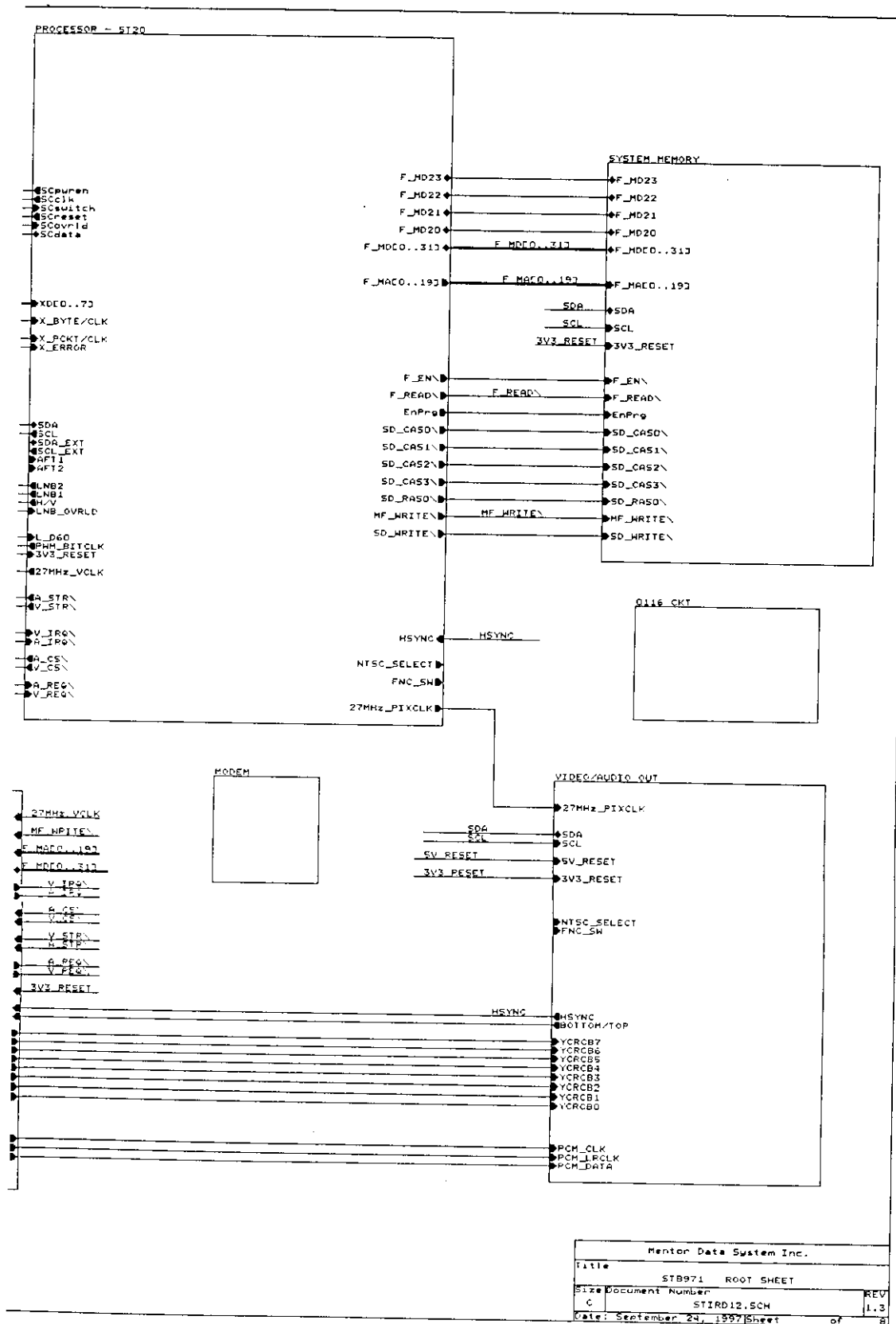
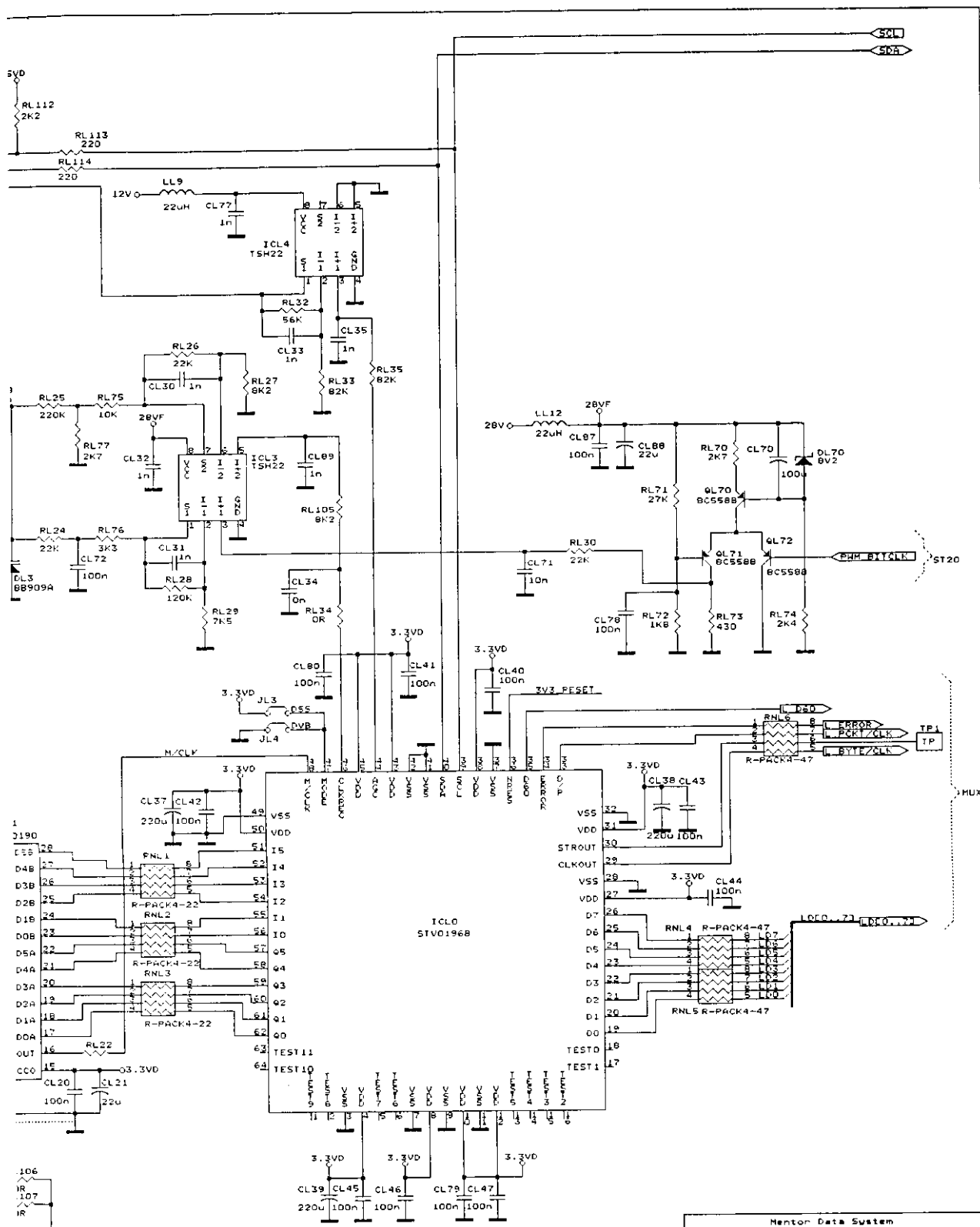


CIRCUIT DIAGRAM

FCC ID. No.: NZP-STB3100

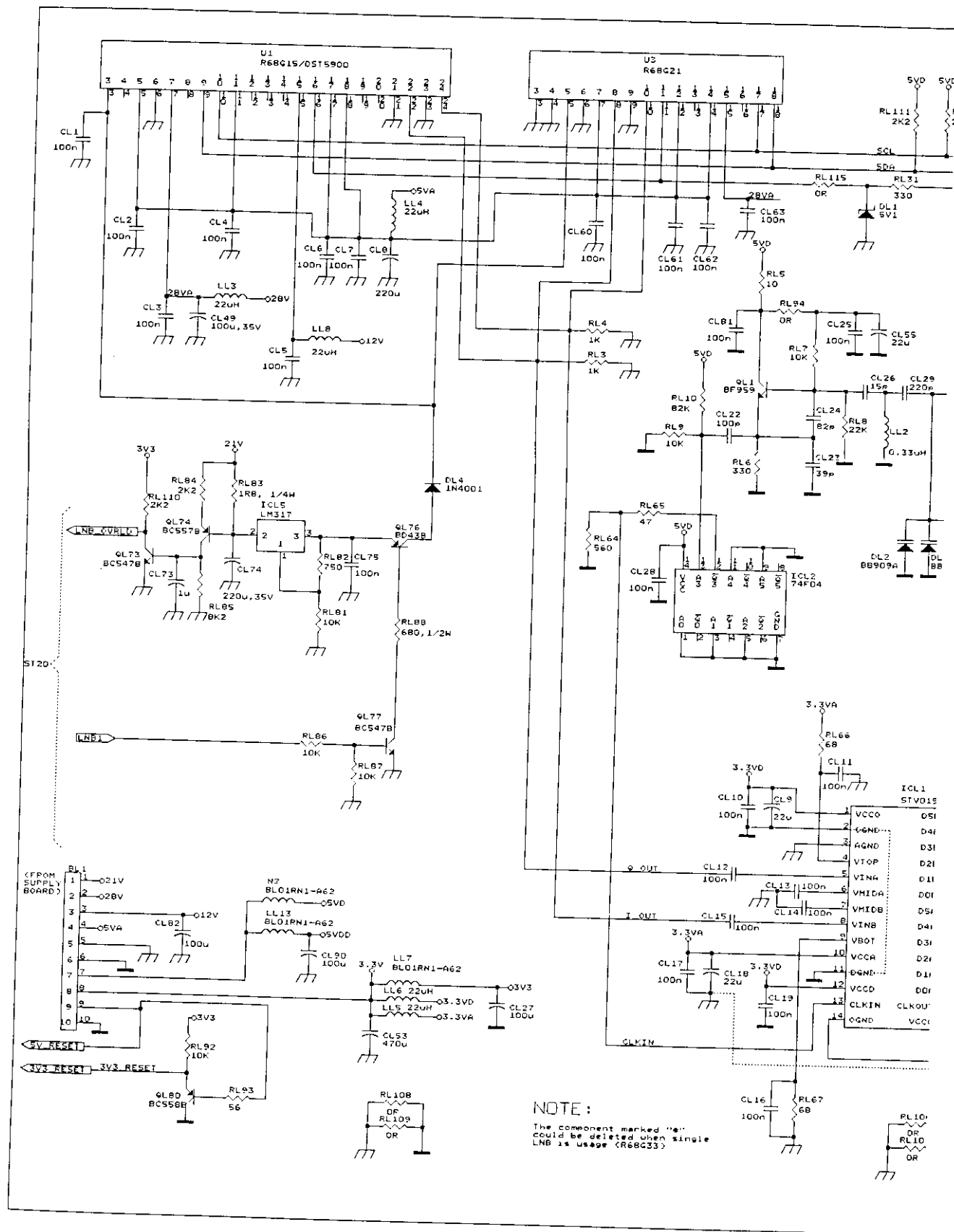




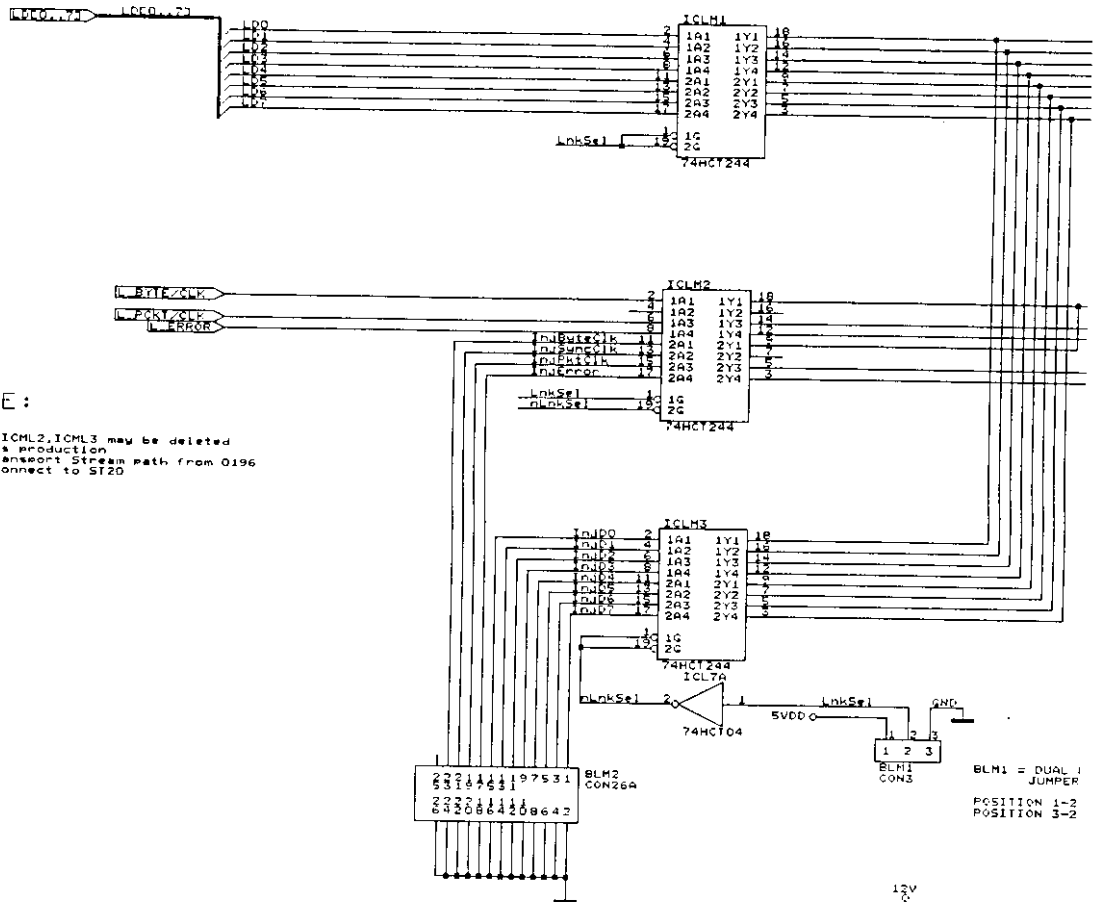


*NOTE: POSITION OF N2 IS NOT INCLUDED IN CURRENT PCB

Mentor Data System			
Title: DIGITAL SATELLITE IRD - FRONT END			
Size: Document Number			
D	LINK.SCH	REV	1.3
Date: September 18, 1997 Sheet 2 of 6			

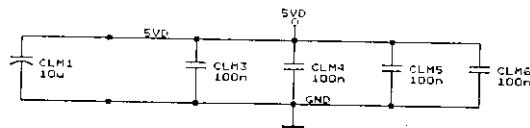
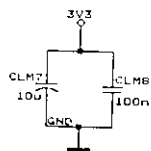
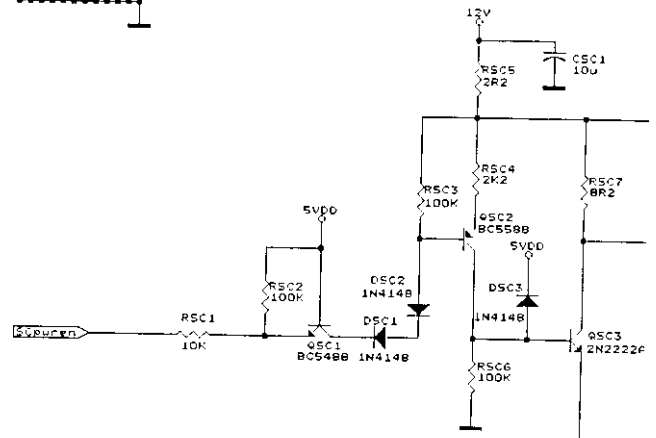


Mentor Data System	
Title	
DIGITAL IRD LINK DATA MULTIPLEXER	
Size	Document Number
C	MUX.SCH
Date: September 18, 1997	Sheet 3 of 1.3

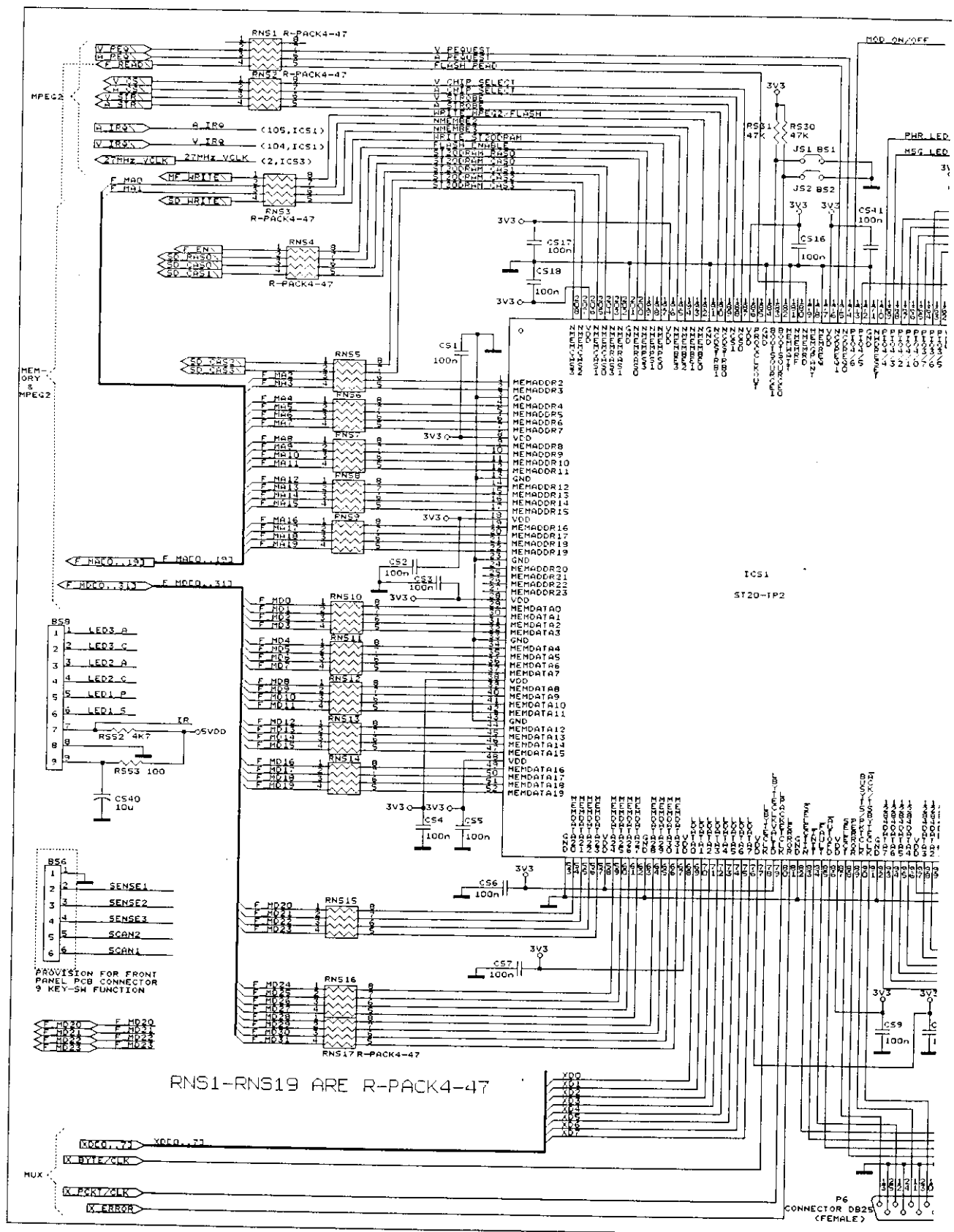


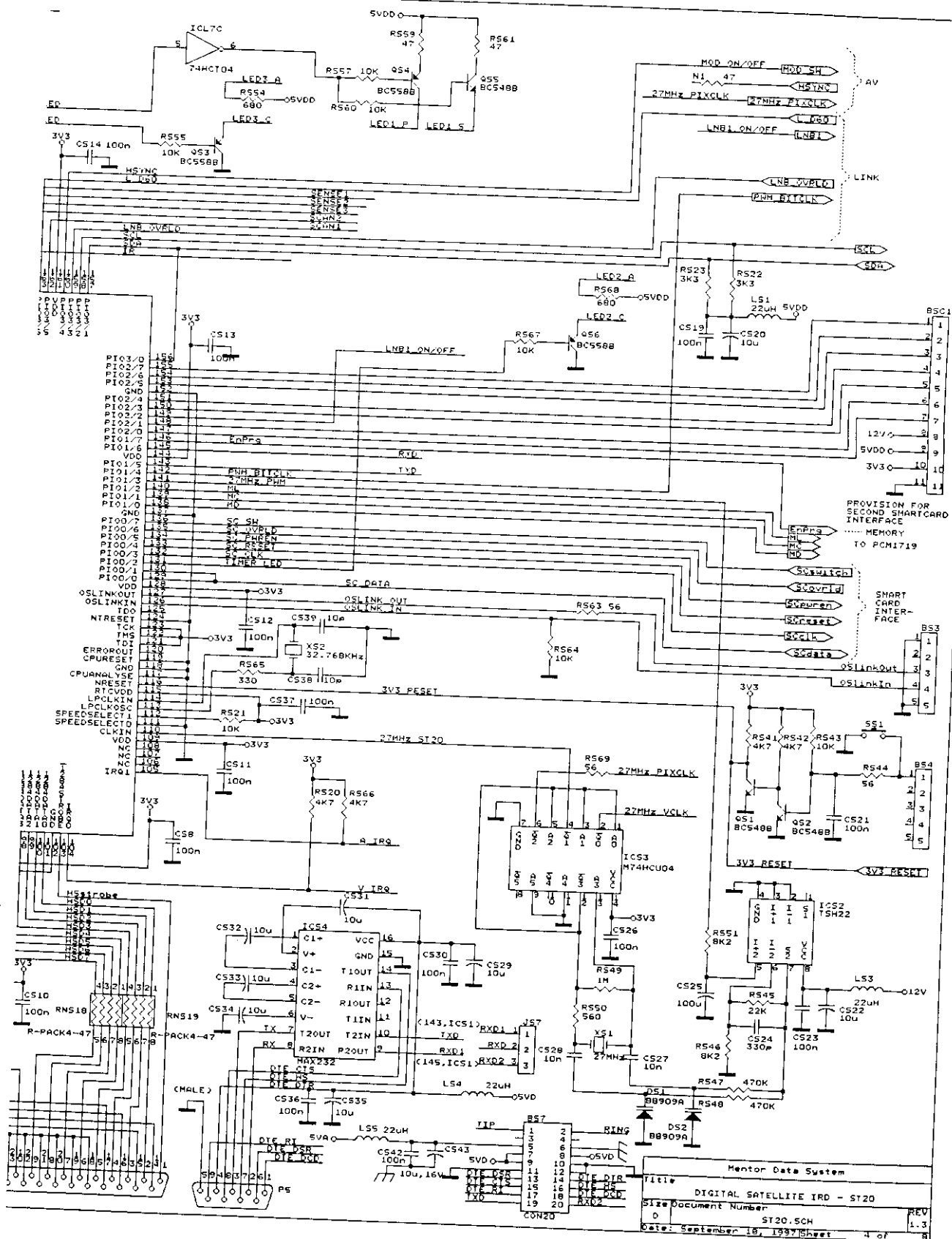
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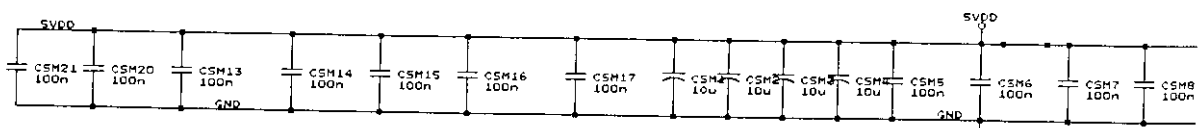
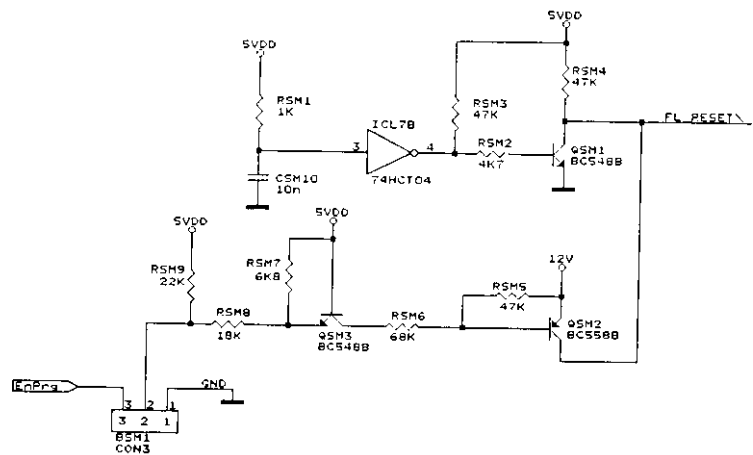
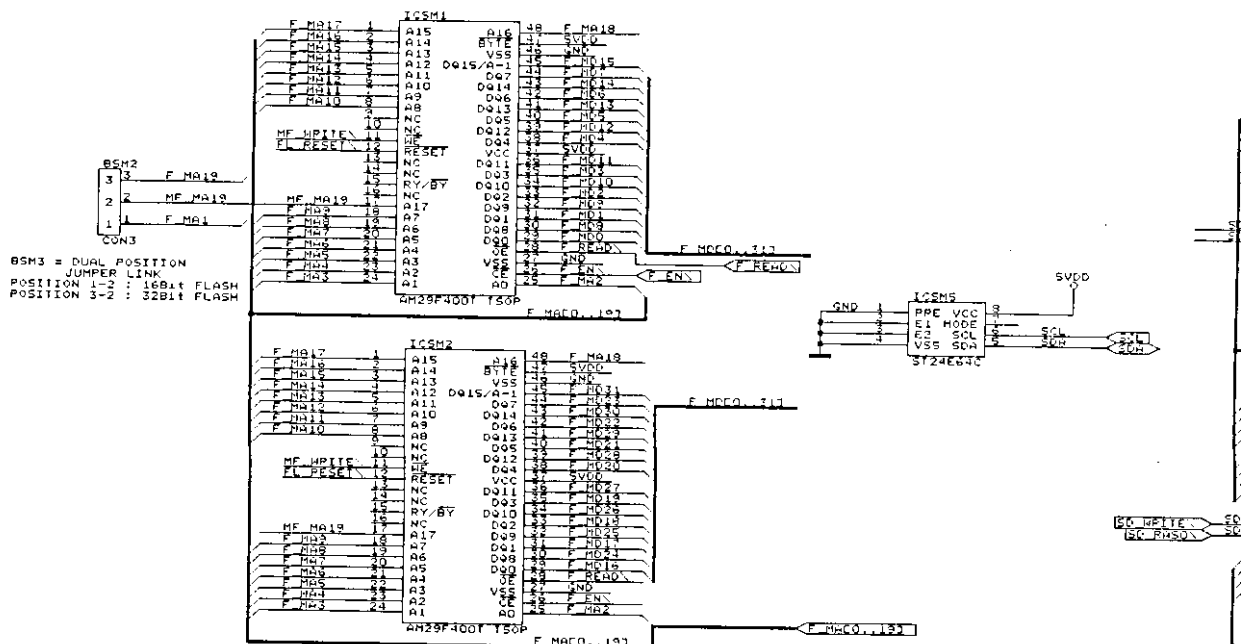
ICL1, ICL2, ICL3 may be deleted
in mass production
the Transport Stream path from 0196
must connect to ST20



02011

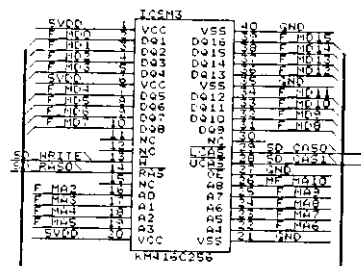




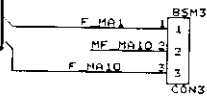
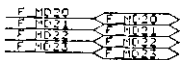
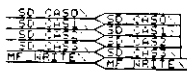
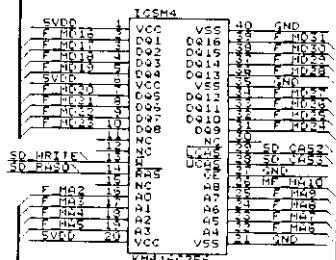


F: MFCQ..317

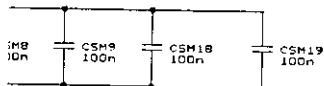
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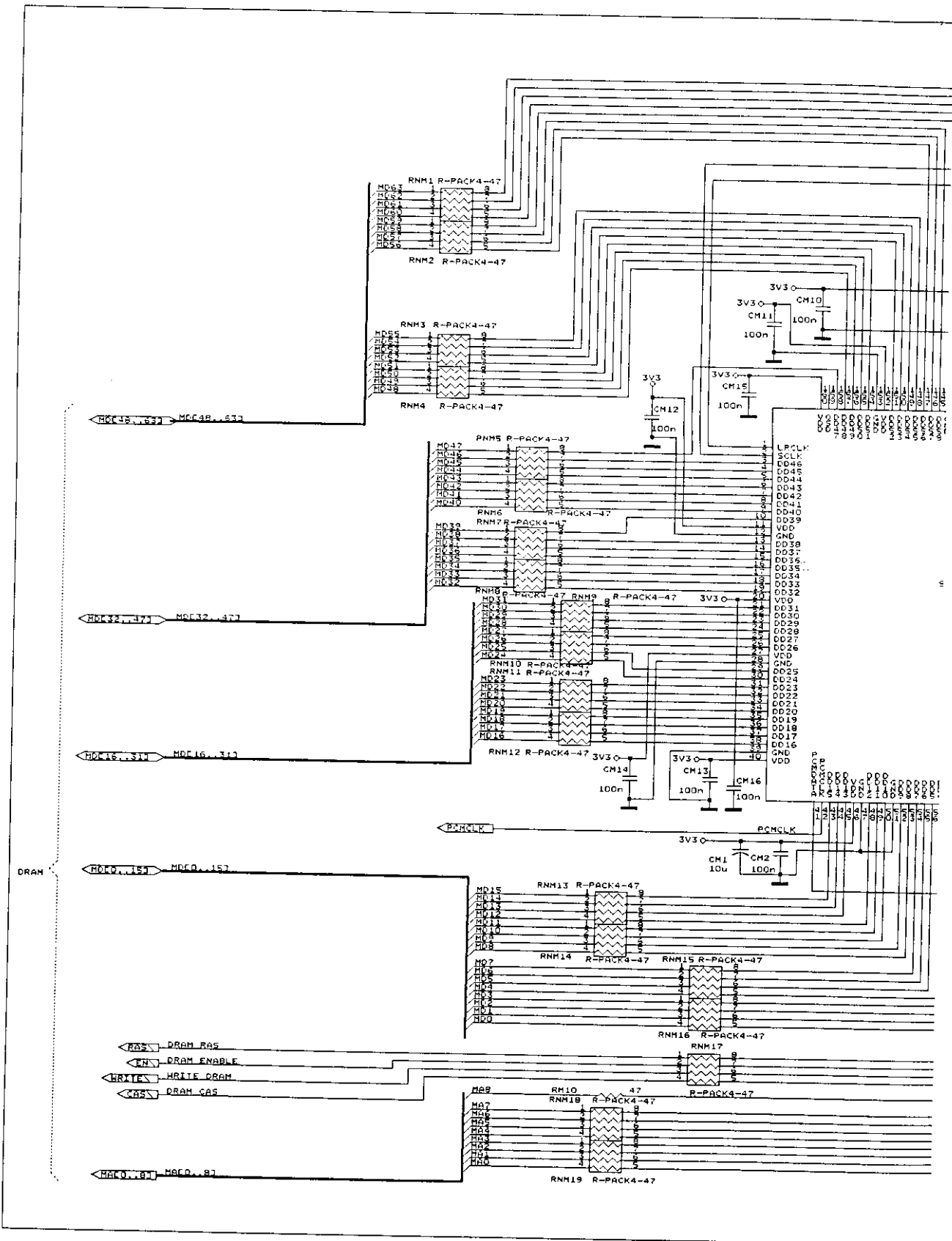
F: MFCQ..317

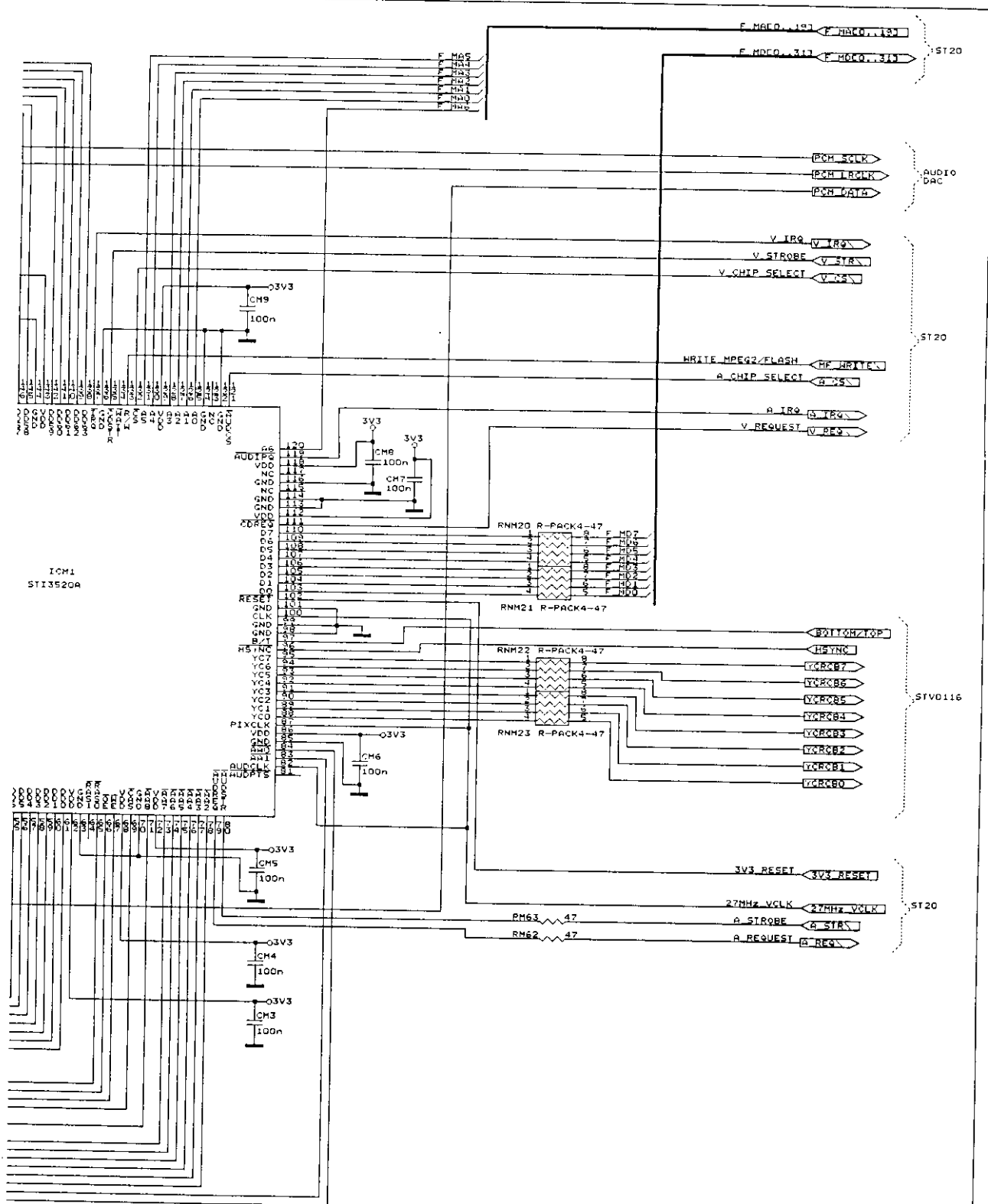


BSM3 = DUAL POSITION
JUMPER LINK
POSITION 1-2 : 16bit DRAM
POSITION 3-2 : 32bit DRAM



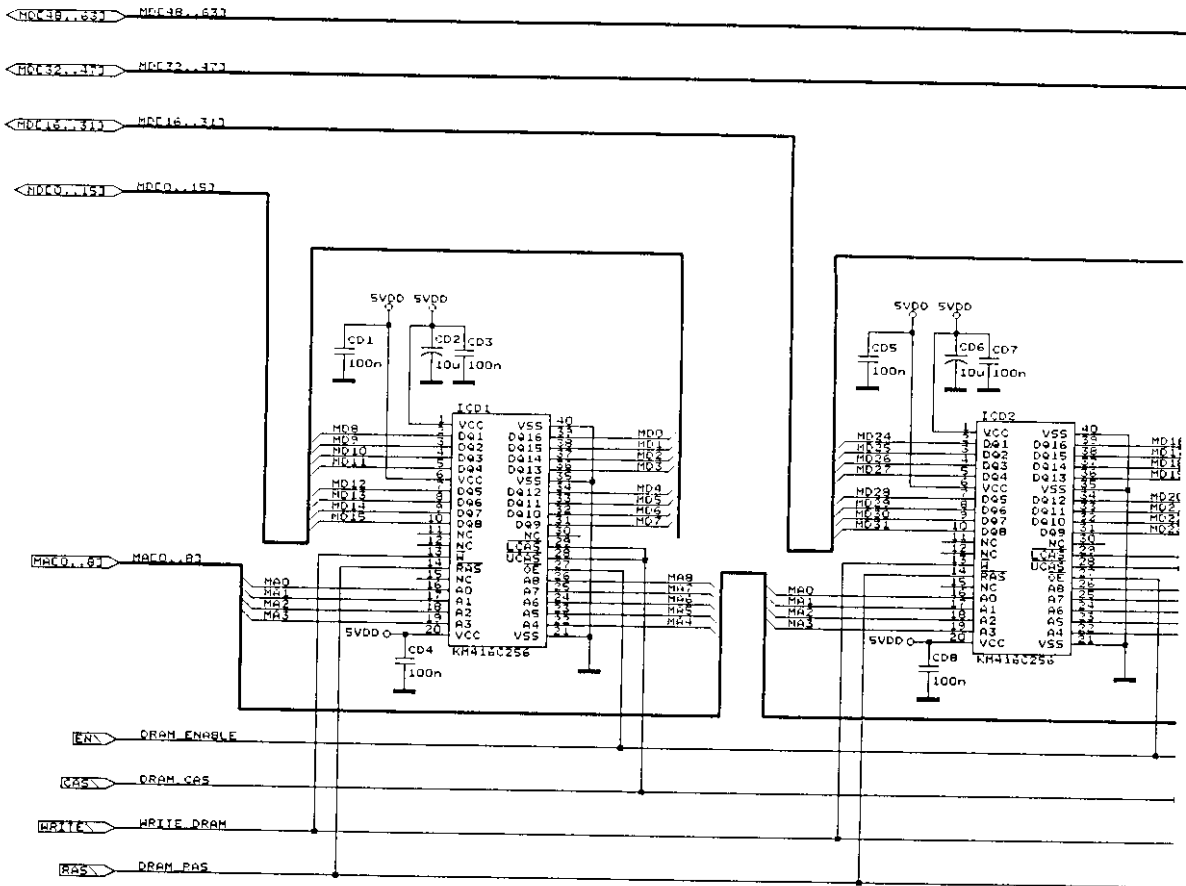
Mentor Data System		
Title	DIGITAL IRD Ref. Design	
Size	Document Number	REV
D	MEMORY.SCH	1.3
Date:	September 18, 1997	Sheet 5 of 8

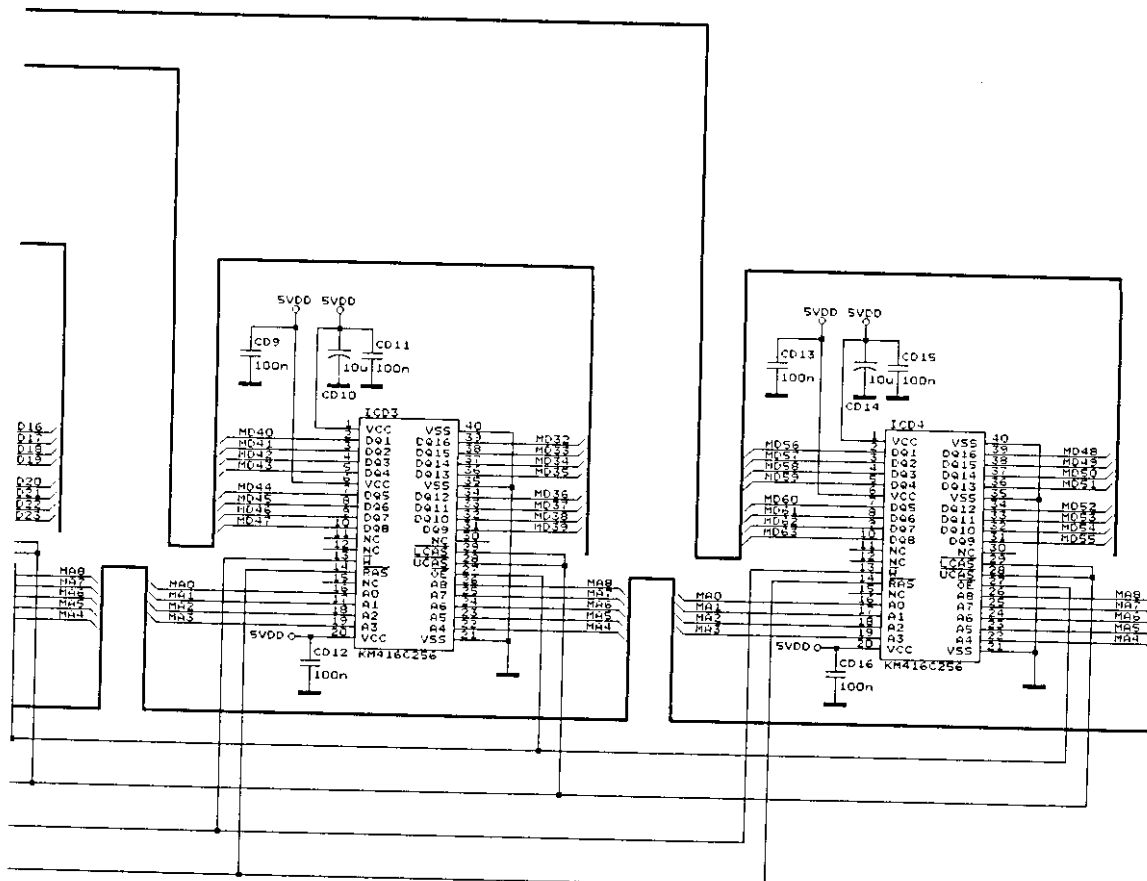




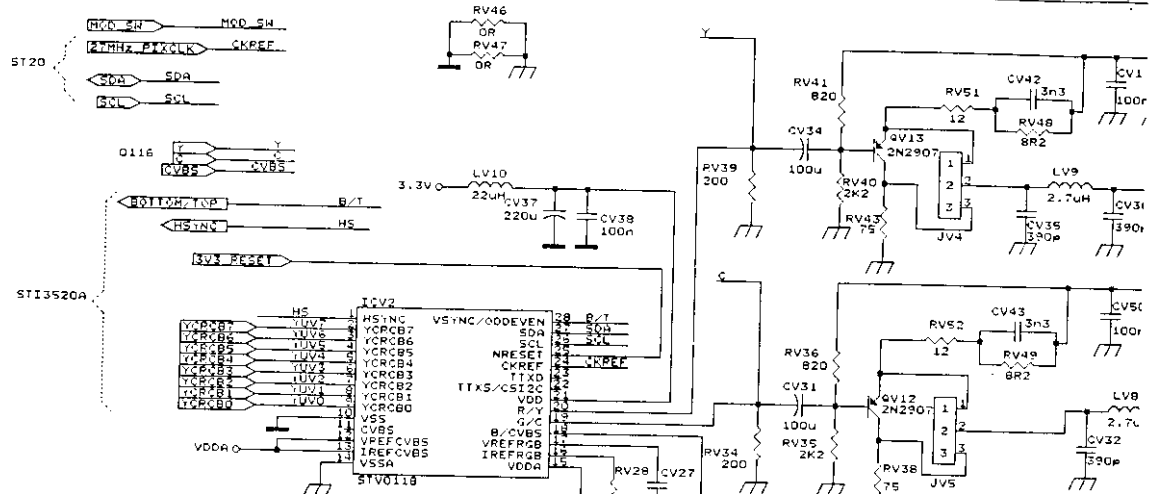
Mentor Data System			
Title			
DIGITAL SATELLITE IRD - MPEG2 DECODER			
Size Document Number			
0	MPEG2.SCH	REV	1.3
Date: September 18, 1997 Sheet 6 of 8			

MPEG2





Mentor Data System			
Title			
DIGITAL SATELLITE IRD - MPEG2 DRAM			
Size Document Number			
0			
Date: September 18, 1997			
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REV			
1.3			

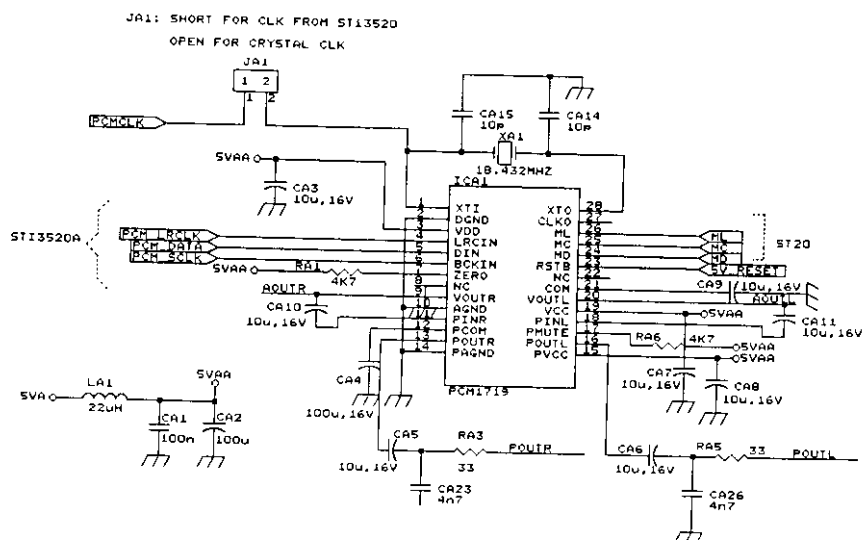


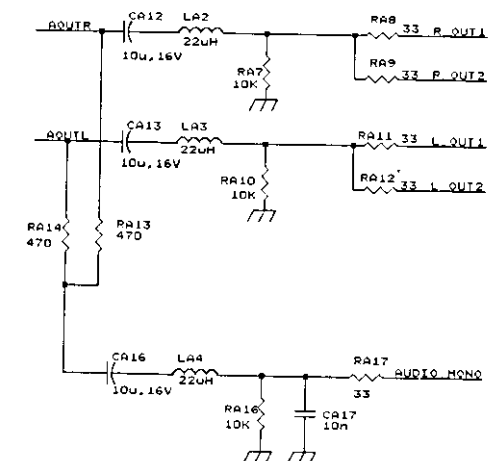
Y	RV41, RV40, RV43, RV48, JV4
0118	820 2K2 75 8R2 2-3
0116	NO 1K 0 150 1-2

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

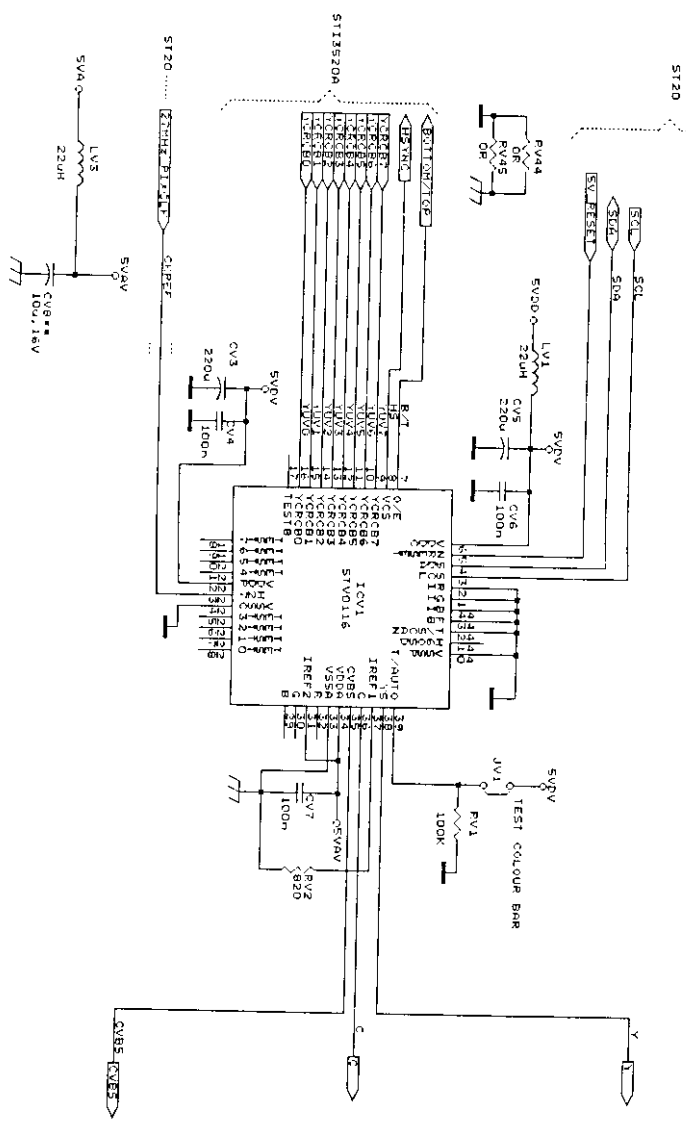
CVBS1	RV31, RV30, RV33, RV50, JV6, CV44, RV22, RV54, RV53
0118	820 2K2 75 8R2 2-3 3n3 400 400 470
0116	NO 1K6 0 33 1-2 NO 470 NO 10

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	REV AV.SCH 1.3
Date: September 18, 1997 Sheet 8 of 13	



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