



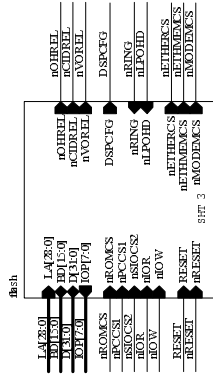
CL-PS7500FE Development Kit

Board Schematics

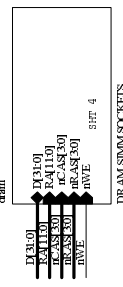
Embedded Processors Division

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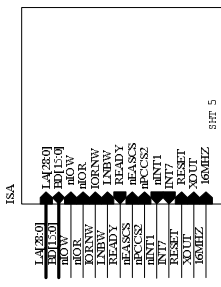
This document provides information to enable you to quickly setup and use the CL-PS7500FE evaluation board. Please refer to either the Hardware User's Guide or the Software User's Guide for more detailed information. The information contained in this document is subject to change without notice.



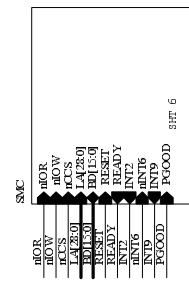
FLASH, BOOT ROM, MOD/ACT, STAT REG, CHIP SELECTS



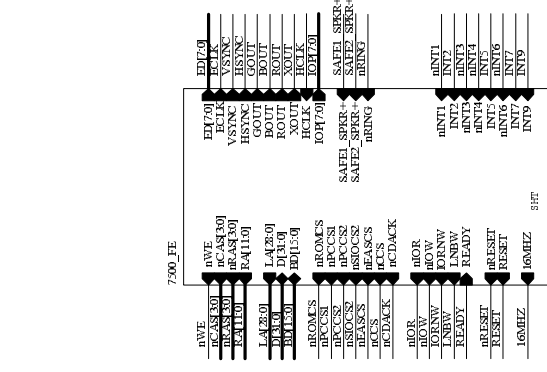
DRAM SIMM SOCKETS



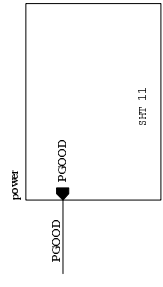
ISA SLOTS, BUFFER, AND CONTROL LOGIC



COM & 2, JDA, PARALLEL

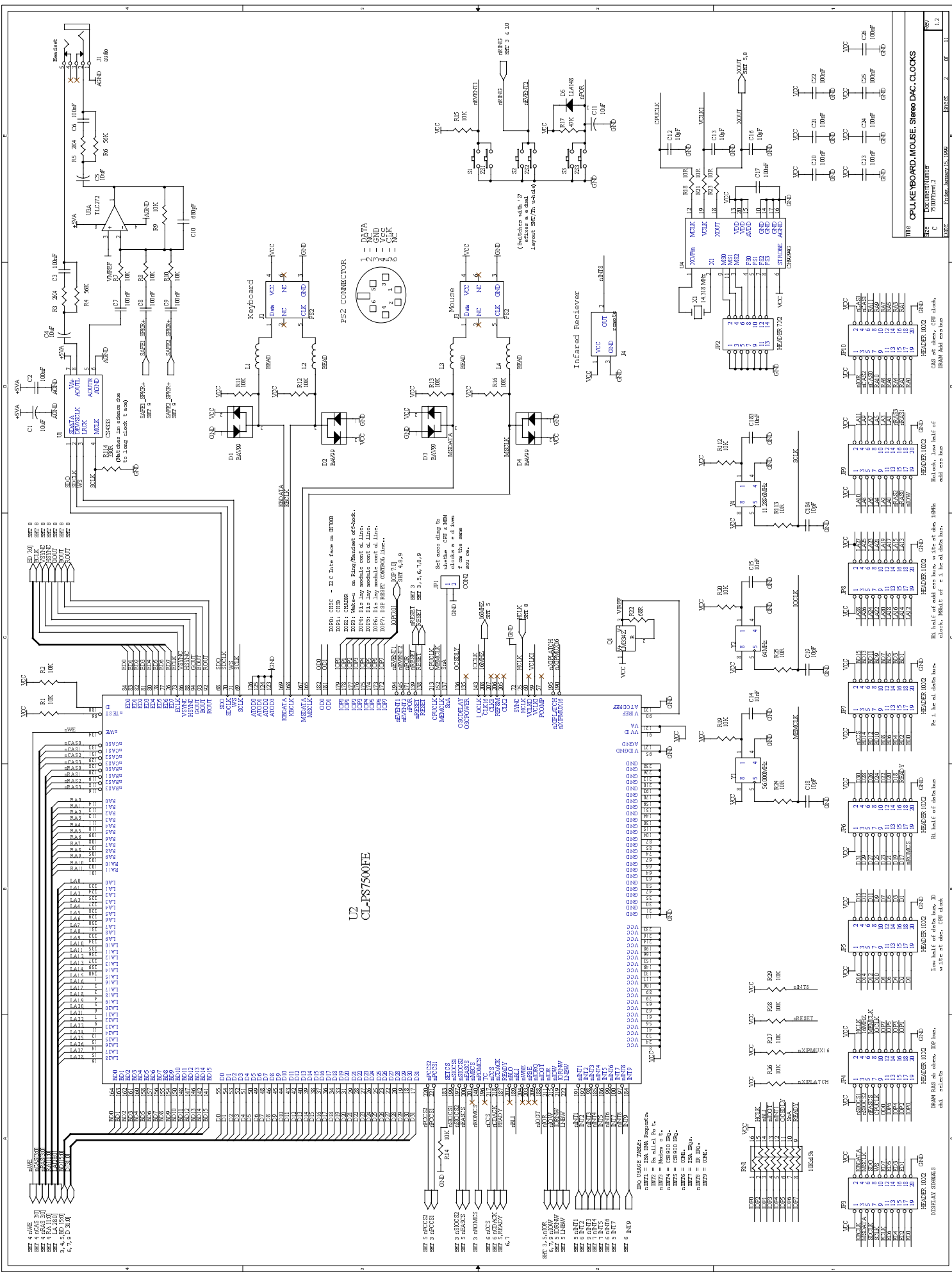


CPU, KEYBOARD, MOUSE, DAC, CLOCKS



SWITCHING SUPPLIES FOR ALL POWER, PLUS AT SUPPLY INPUTS





U2 CL-PS7500FE

CPU, KEYBOARD, MOUSE, Stereo DAC, CLOCKS

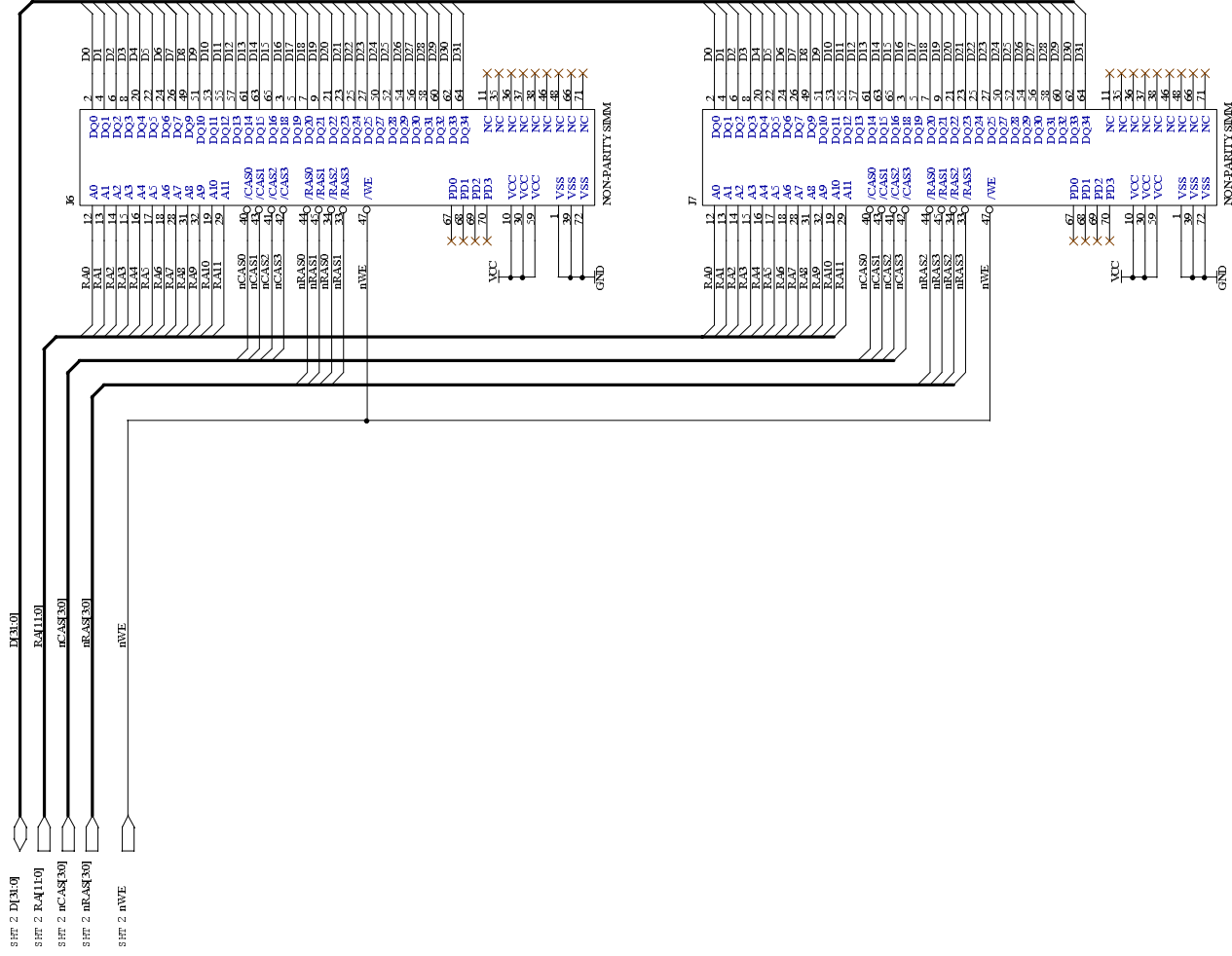
Pinout for PS2 connector:

Pin	Signal
1	NC
2	NC
3	NC
4	NC
5	NC
6	NC
7	NC
8	NC
9	NC
10	NC
11	NC
12	NC
13	NC
14	NC
15	NC
16	NC
17	NC
18	NC
19	NC
20	NC
21	NC
22	NC
23	NC
24	NC
25	NC
26	NC
27	NC
28	NC
29	NC
30	NC
31	NC
32	NC
33	NC
34	NC
35	NC
36	NC
37	NC
38	NC
39	NC
40	NC
41	NC
42	NC
43	NC
44	NC
45	NC
46	NC
47	NC
48	NC
49	NC
50	NC
51	NC
52	NC
53	NC
54	NC
55	NC
56	NC
57	NC
58	NC
59	NC
60	NC
61	NC
62	NC
63	NC
64	NC
65	NC
66	NC
67	NC
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69	NC
70	NC
71	NC
72	NC
73	NC
74	NC
75	NC
76	NC
77	NC
78	NC
79	NC
80	NC
81	NC
82	NC
83	NC
84	NC
85	NC
86	NC
87	NC
88	NC
89	NC
90	NC
91	NC
92	NC
93	NC
94	NC
95	NC
96	NC
97	NC
98	NC
99	NC
100	NC

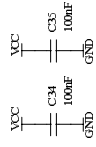
Table of component values:

Component	Value
U1	100k
U2	100k
U3	100k
U4	100k
U5	100k
U6	100k
U7	100k
U8	100k
U9	100k
U10	100k
U11	100k
U12	100k
U13	100k
U14	100k
U15	100k
U16	100k
U17	100k
U18	100k
U19	100k
U20	100k
U21	100k
U22	100k
U23	100k
U24	100k
U25	100k
U26	100k
U27	100k
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U30	100k
U31	100k
U32	100k
U33	100k
U34	100k
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U39	100k
U40	100k
U41	100k
U42	100k
U43	100k
U44	100k
U45	100k
U46	100k
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U50	100k
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U62	100k
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U66	100k
U67	100k
U68	100k
U69	100k
U70	100k
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U76	100k
U77	100k
U78	100k
U79	100k
U80	100k
U81	100k
U82	100k
U83	100k
U84	100k
U85	100k
U86	100k
U87	100k
U88	100k
U89	100k
U90	100k
U91	100k
U92	100k
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U96	100k
U97	100k
U98	100k
U99	100k
U100	100k

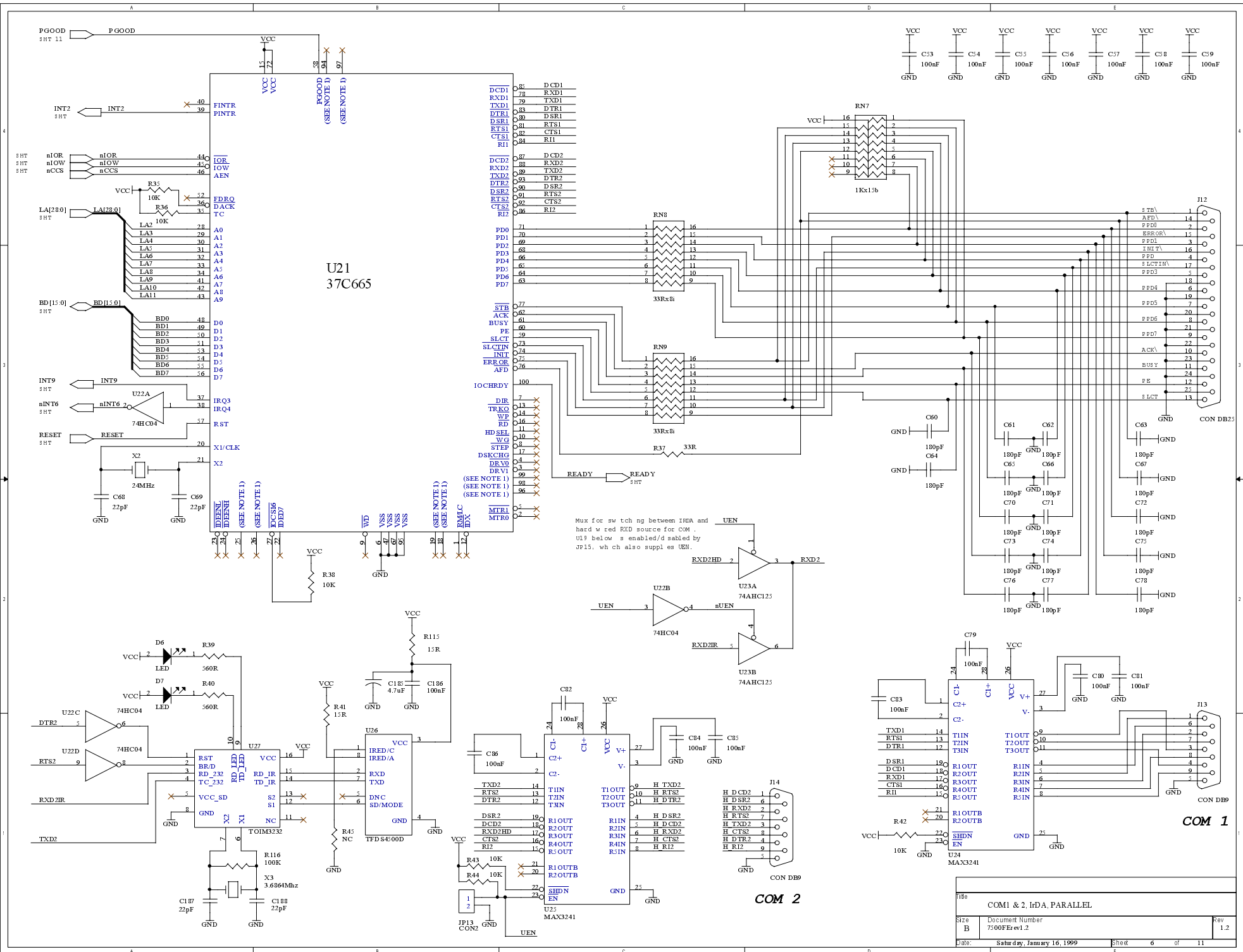


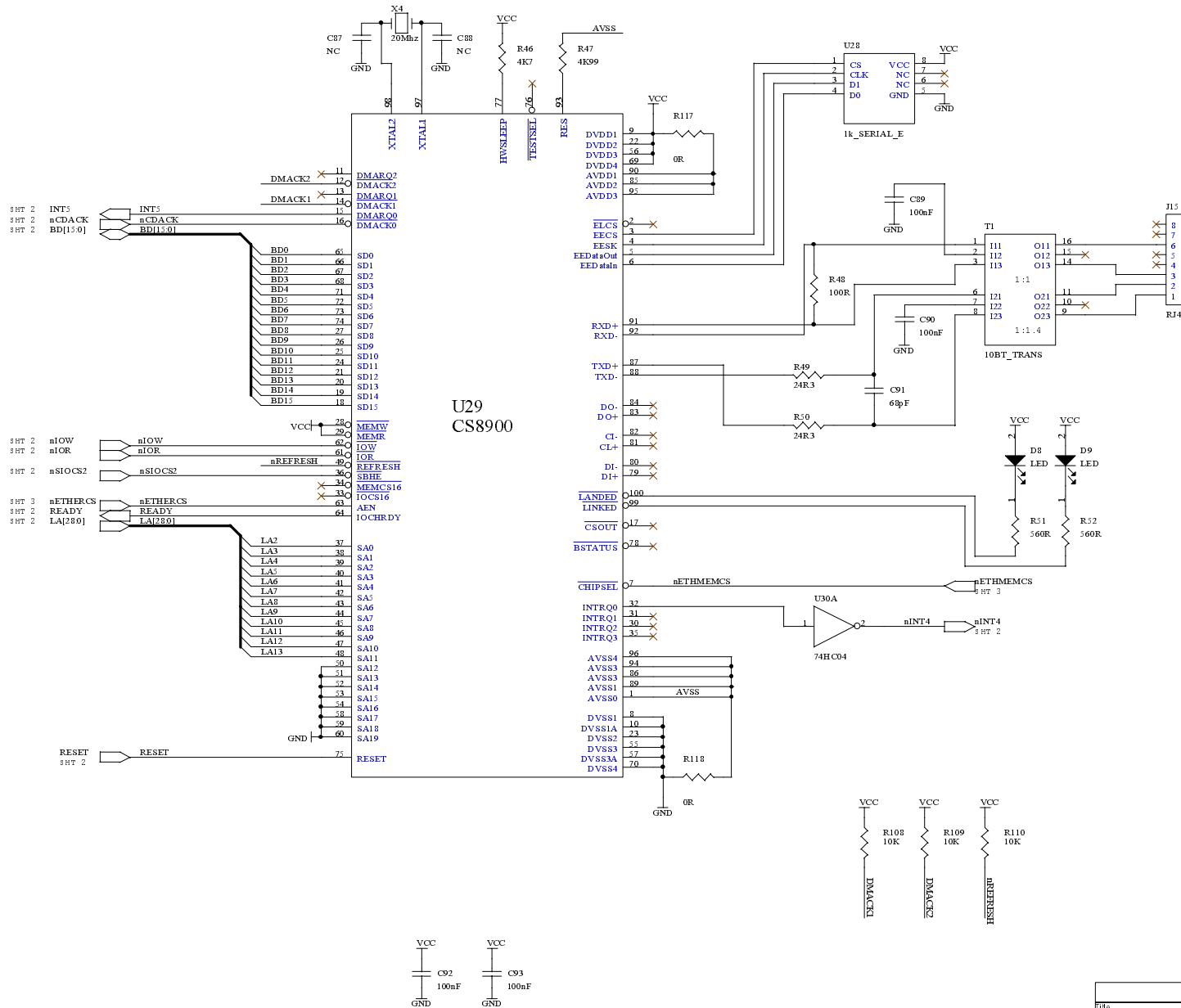


DRAM SIMMs do not generally require any external bypassing, but it never hurts...

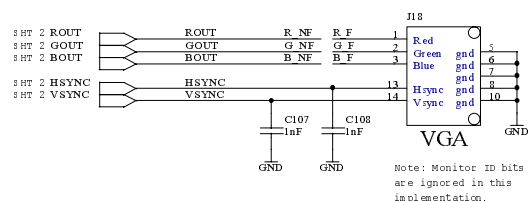
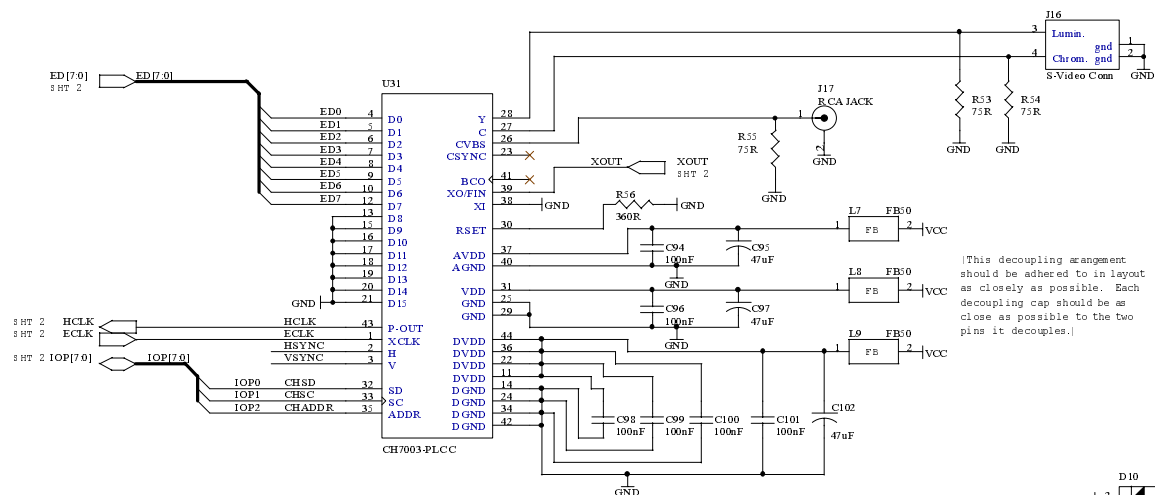


DRAM DIMM SOCKETS				
Size	Examined	Material	SAY	
B	7500	Brass 1.2	1.2	
Date:	Friday, January 15, 1999	Sheet	4	of 11

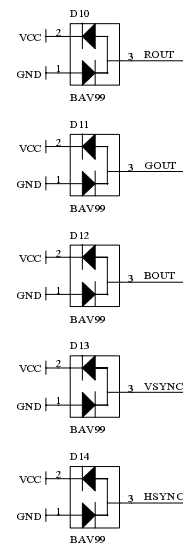
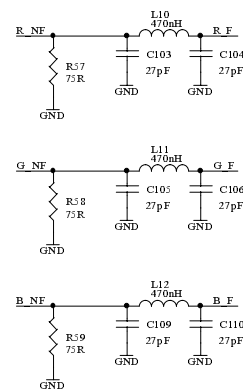
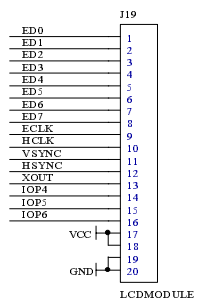




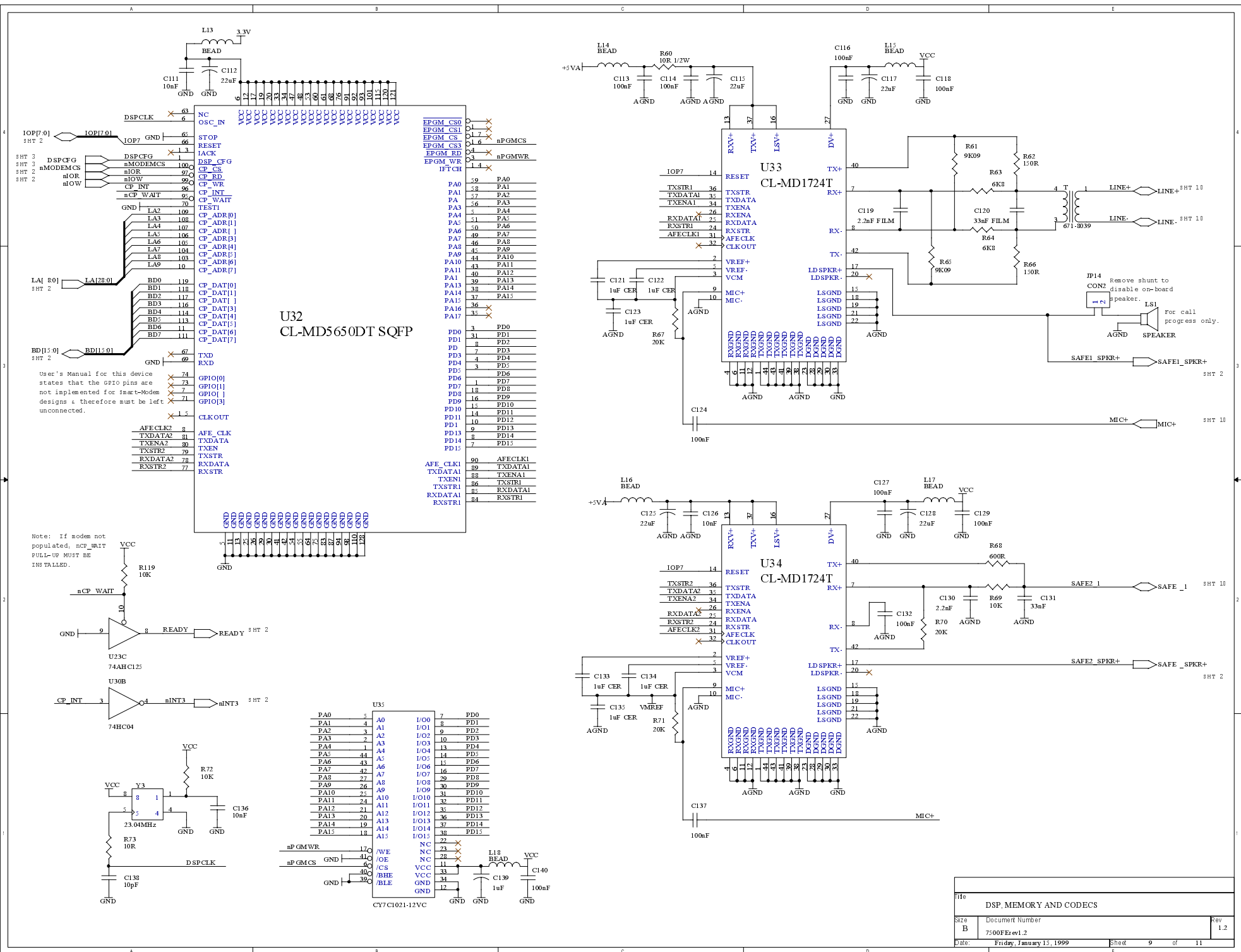
Title			ETHERNET INTERFACE
Size	Document Number	Rev	
B	7500Erev1.2	1.2	
Date:	Friday, January 15, 1999	Sheet	7 of 11



LCD Control board module port.

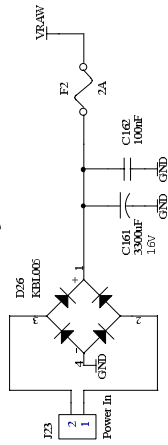


Title			
VGA, SVIDEO, LCD MODULE CONNECTOR			
Size	Document Number	Rev	
B	7500FErev1.2	1.2	
Date:	Friday, January 13, 1999	Sheet	8 of 11

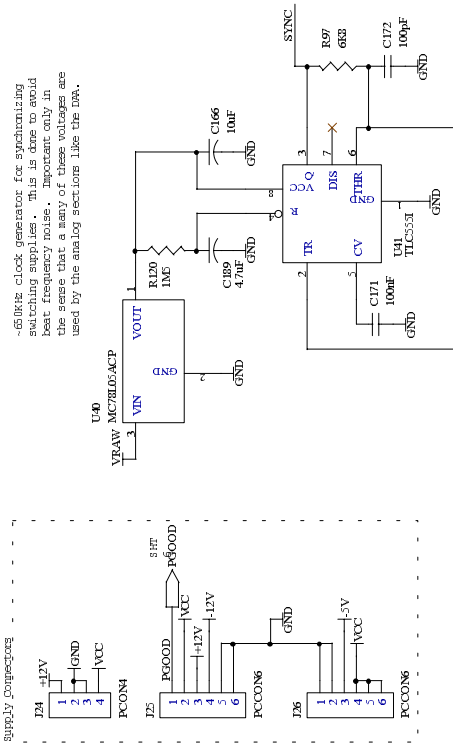


12VAC Power Plug

A suitable power supply for North America is a Magnetek D012-1210



Standard AT Power Supply Connections



-65kHz clock generator for synchronizing switching supplies. This is done to avoid beat frequency noise. Important only in the sense that a many of these voltages are used by the analog sections like the D/A.

