

Schematics Version History Table :

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DEVICE	IDSEL	INT#	REQ#	GNT#
PCI1	16	C/D/E/F	PREQ-1	PGNT-1
PCI2	17	D/E/F/G	PREQ-2	PGNT-2
PCI3	18	E/F/G/H	PREQ-3	PGNT-3
LAN	25	F	PREQ-4	PGNT-4
1394	26	G	PREQ-0	PGNT-0

intel
P4 Processor
478 pin

BW : 3.2GB/s @ FSB : 400MHz & Freq : 100MHz
BW : 4.1GB/s @ FSB : 533MHz & Freq : 133MHz
BW : 6.4GB/s @ FSB : 800MHz & Freq : 200MHz

BW : 1.6GB/s @ DDR : 200/266MHz & Freq : 100MHz
BW : 2.1GB/s @ DDR : 200/266/333MHz & Freq : 133MHz
BW : 3.2GB/s @ DDR : 266/333/400MHz & Freq : 200MHz

BW : 1.066GB/s @ Freq : 66MHz

AGP1 Slot 132p
8X / 1.5V

VGA (G only)

intel
iSP/G
932pin FC-BGA

DDIMM1: DDR Socket 184P

DDIMM2 : DDR Socket 184P

DDIMM3: DDR Socket 184P

DDIMM4 : DDR Socket 184P

BW : 266MB/s @ Freq : 66MHz

USB1 2 ports → USB2 2 ports → USB3 2 ports → USB4 2 ports → USBLAN 8 ports

USB V2.0

IDE2 40pin
IDE1 40pin

Up to Ultra ATA/100
Two IDE Channel

intel
ICH5
460pin EPGA

BW : 133MB/s @ Freq : 33MHz

PCI1 Slot 120pin @ AD16

PCI2 Slot 120pin @ AD17

PCI3 Slot 120pin @ AD18

SATA1 7Pin
SATA2 7pin

AC' 97 & Lan I/F

Audio Codec
CMI9738
CMI9739

Mic In
Line Out
Line In

intel
FWH
32pin PLCC

Super I/O
W38637F
128pin PQFP

LPC bus

CONN/
HEADER

VIA 1394

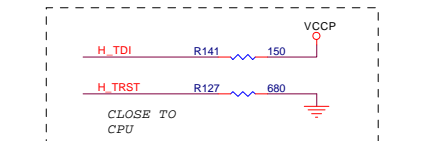
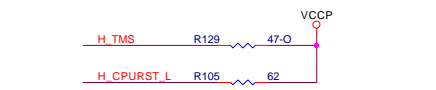
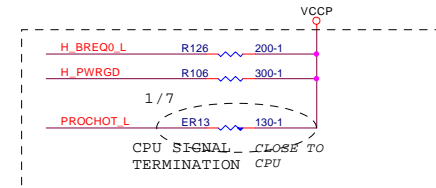
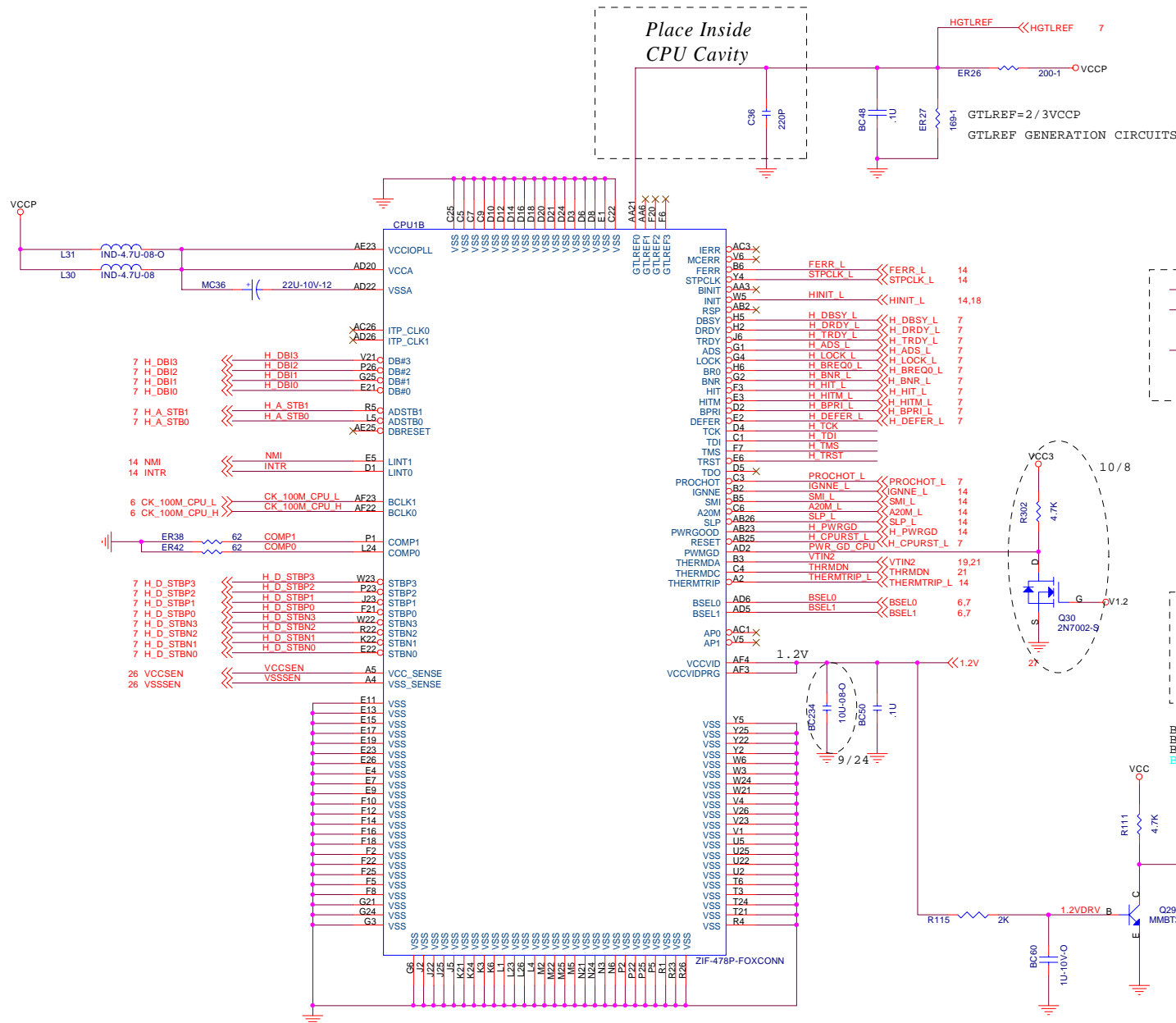
Lan Chip
RTL8101L
100pin

USBLAN
RJ45

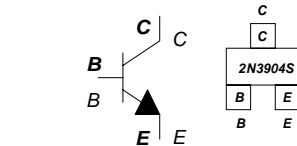


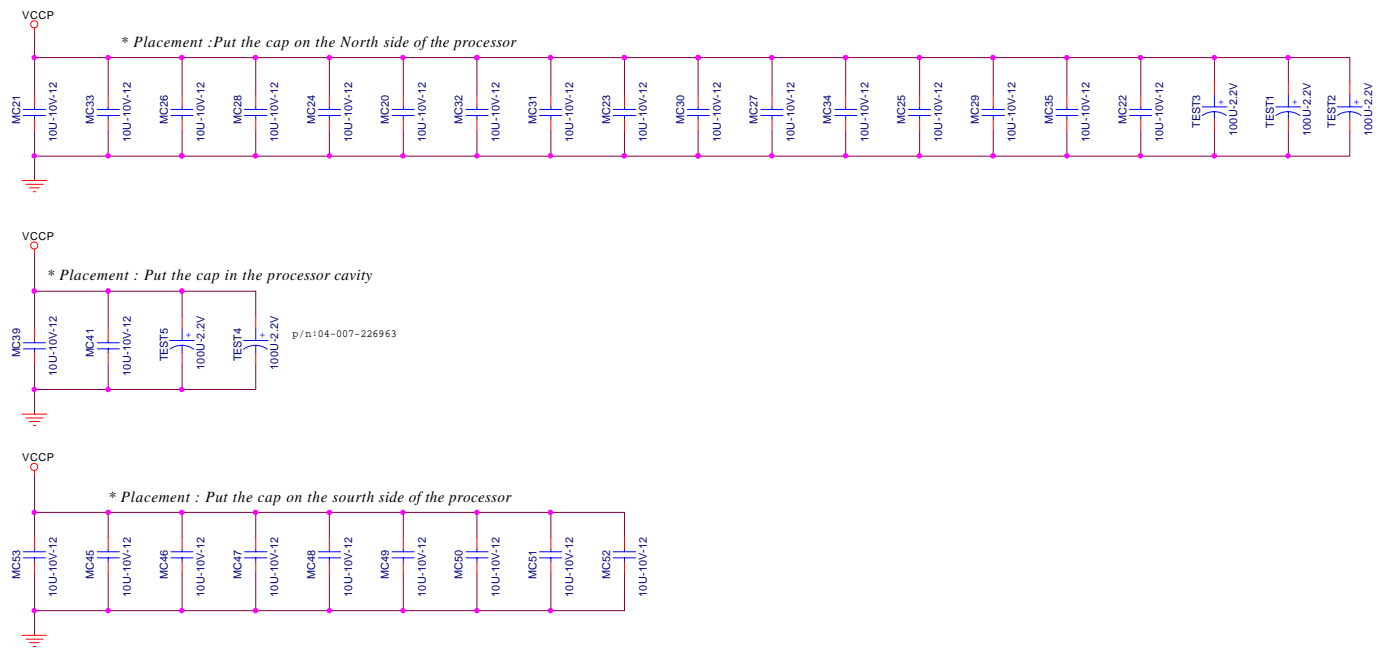
Elitegroup Computer Systems

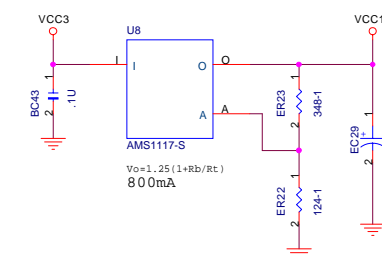
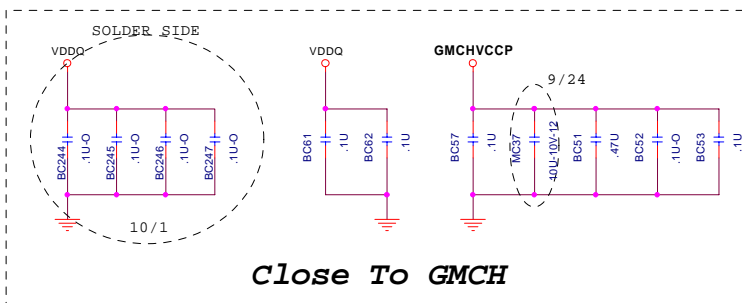
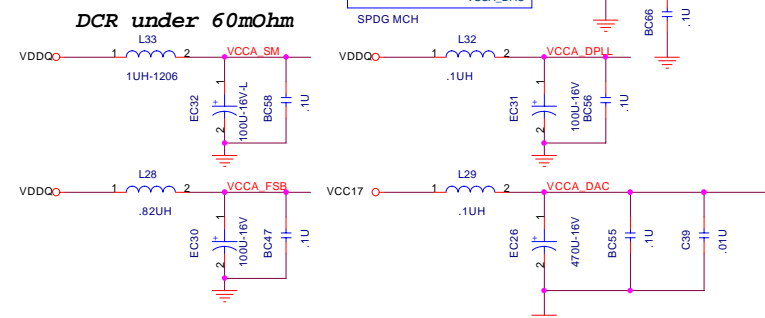
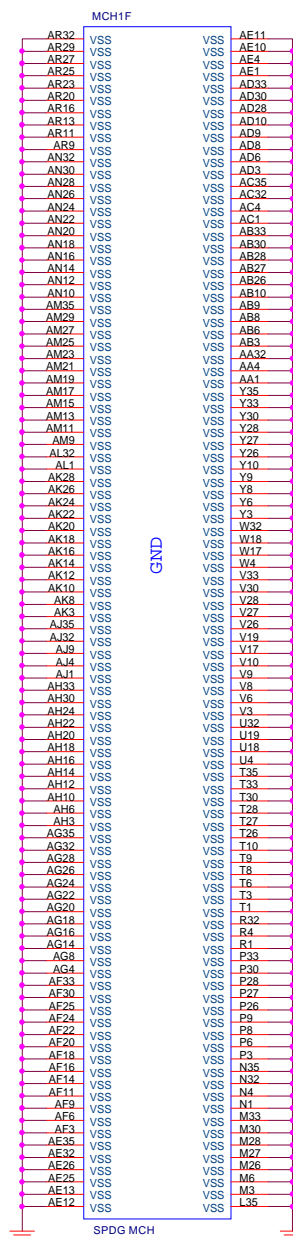
Title		
System Block Diagram		
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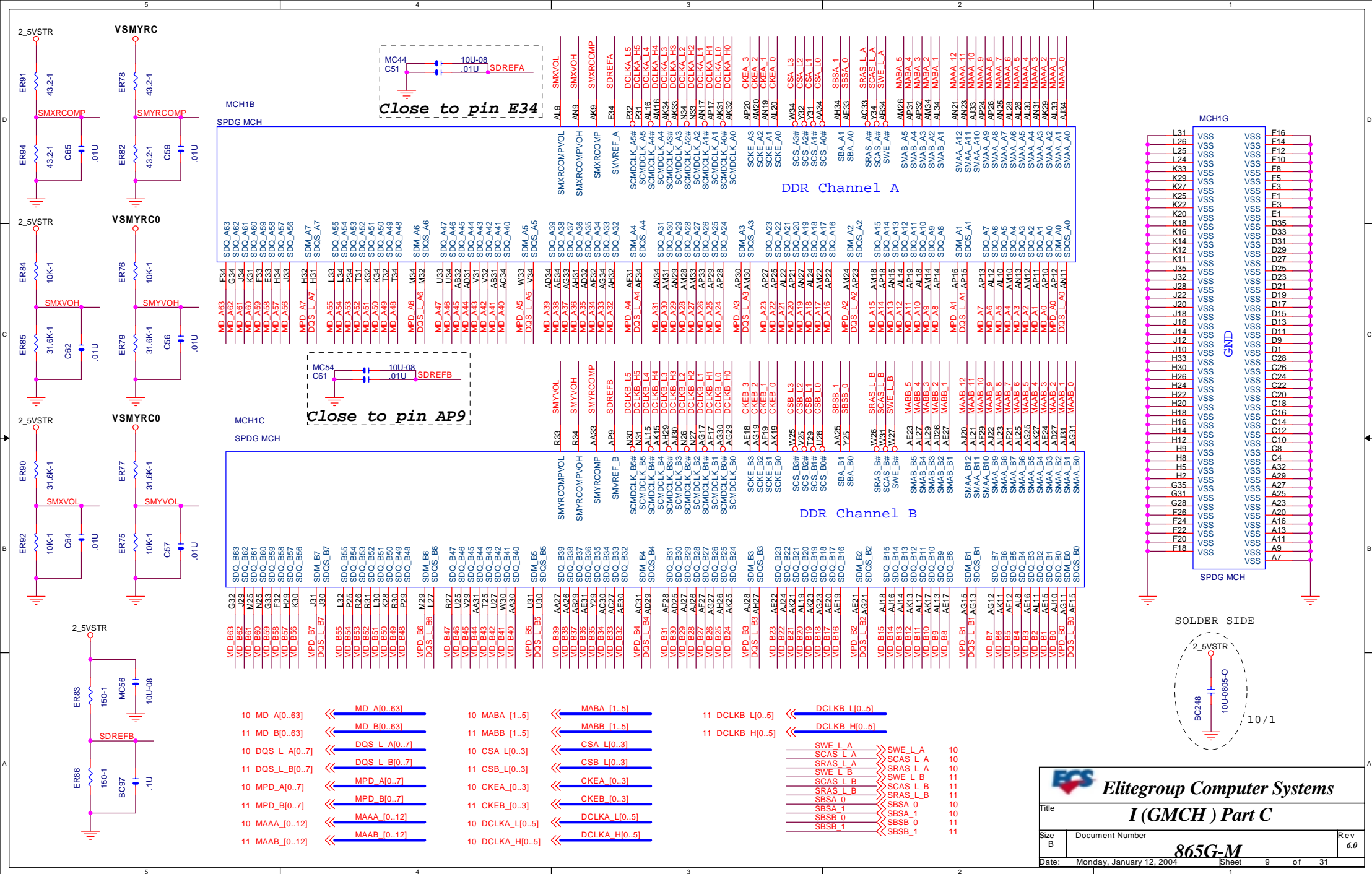


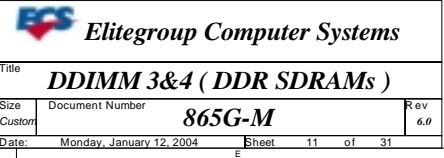
BSEL0/1 = 0/0 = 100MHZ
 BSEL0/1 = 1/0 = 133MHZ
 BSEL0/1 = 1/1 = RESERVE
 BSEL0/1 = 0/1 = 200MHZ

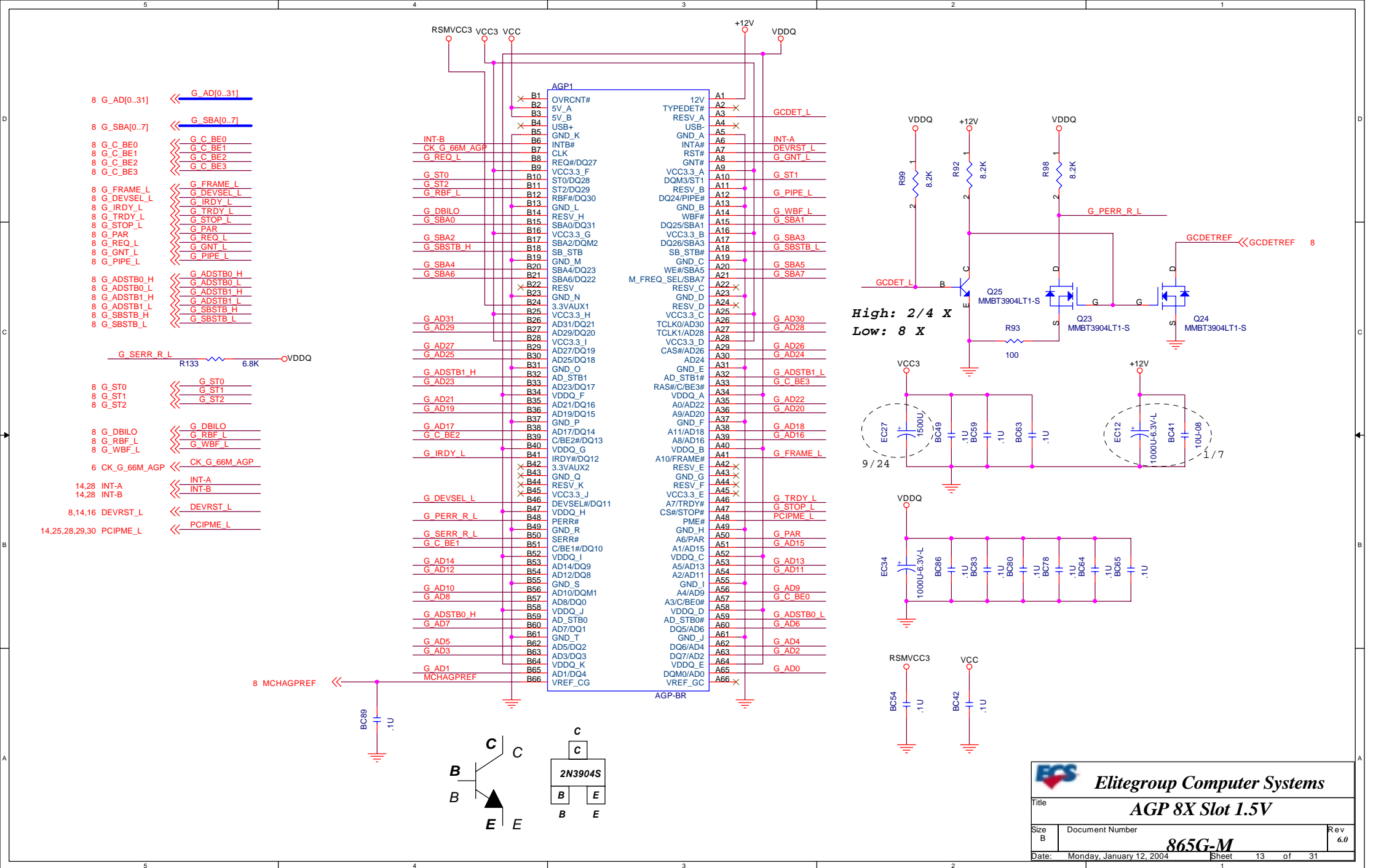


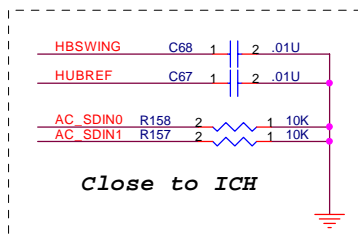
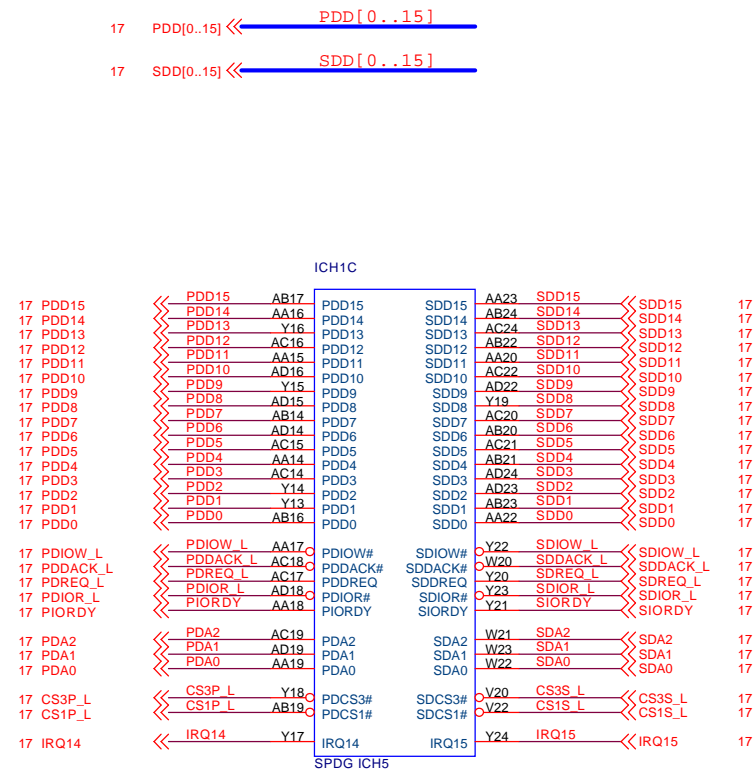
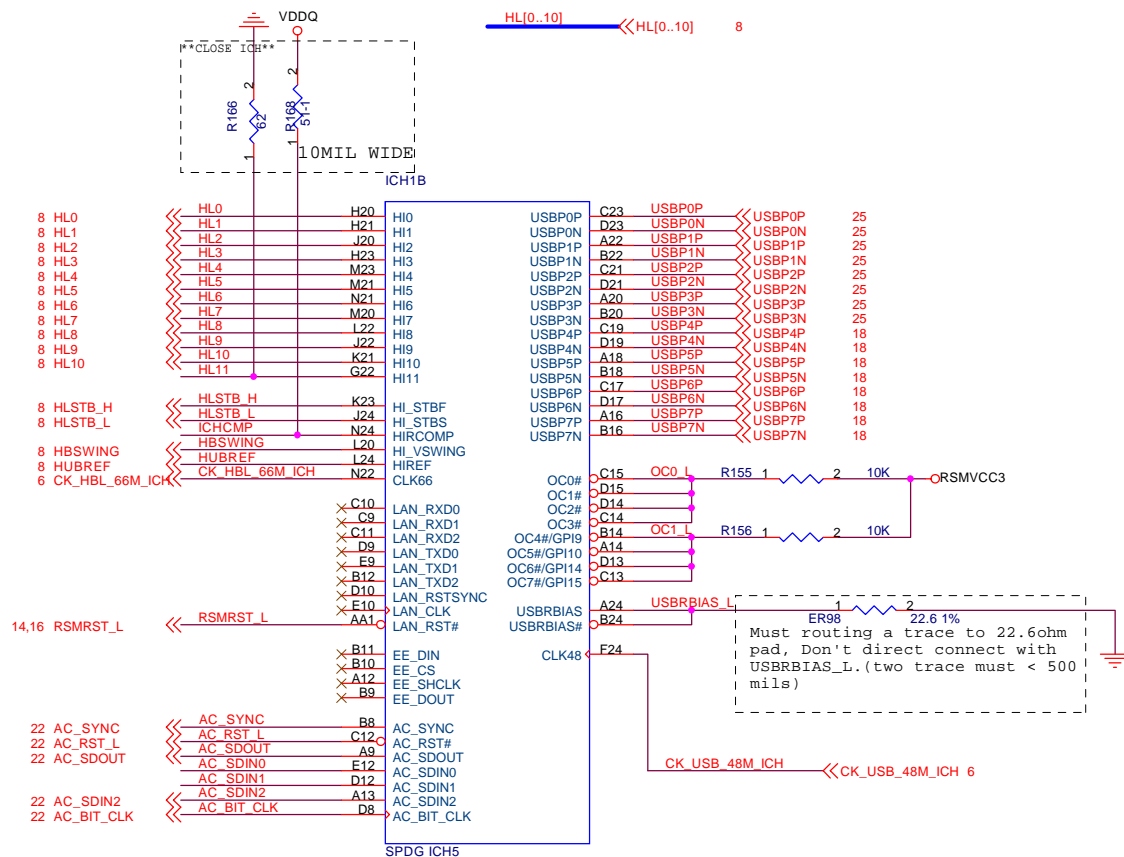


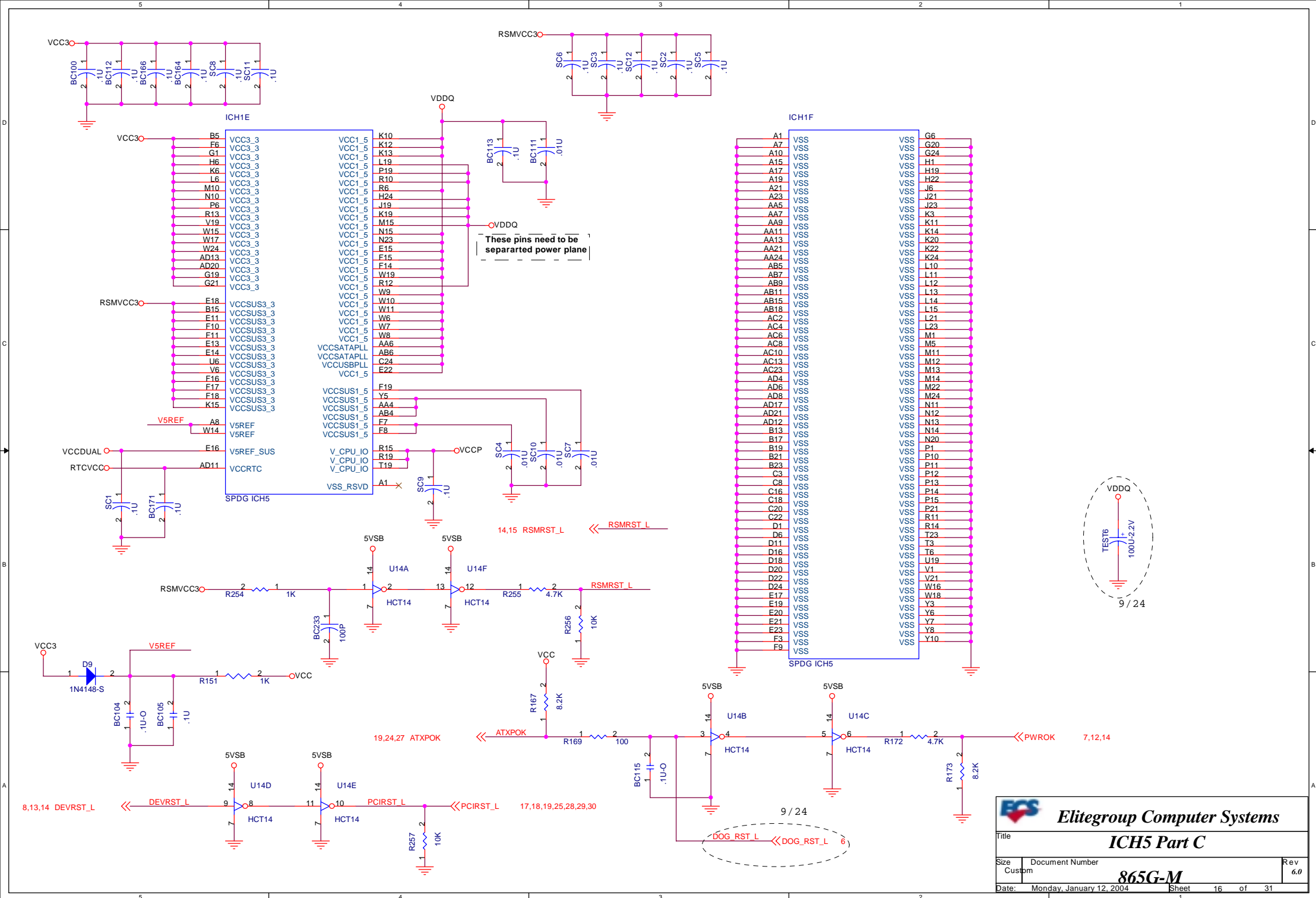


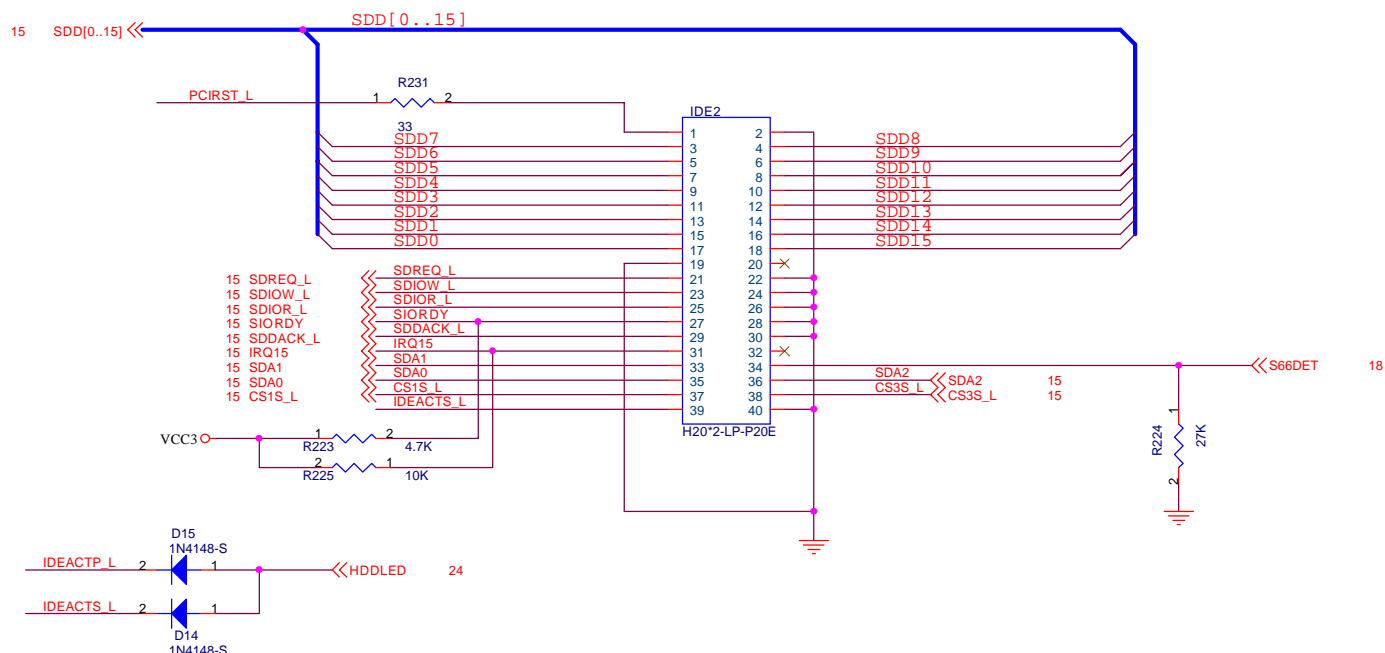
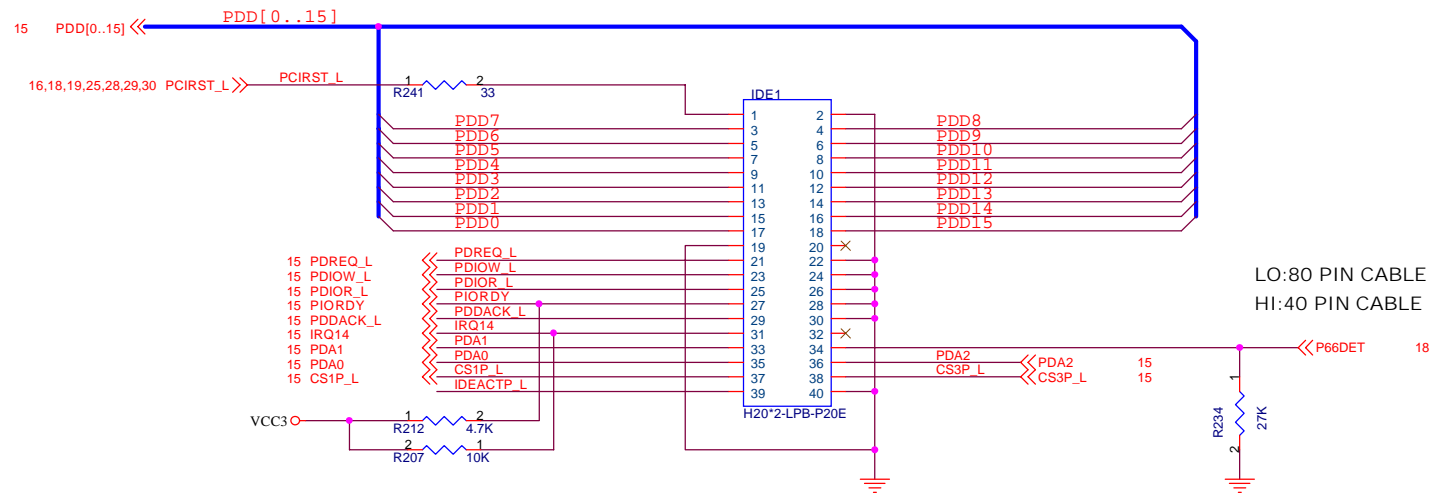








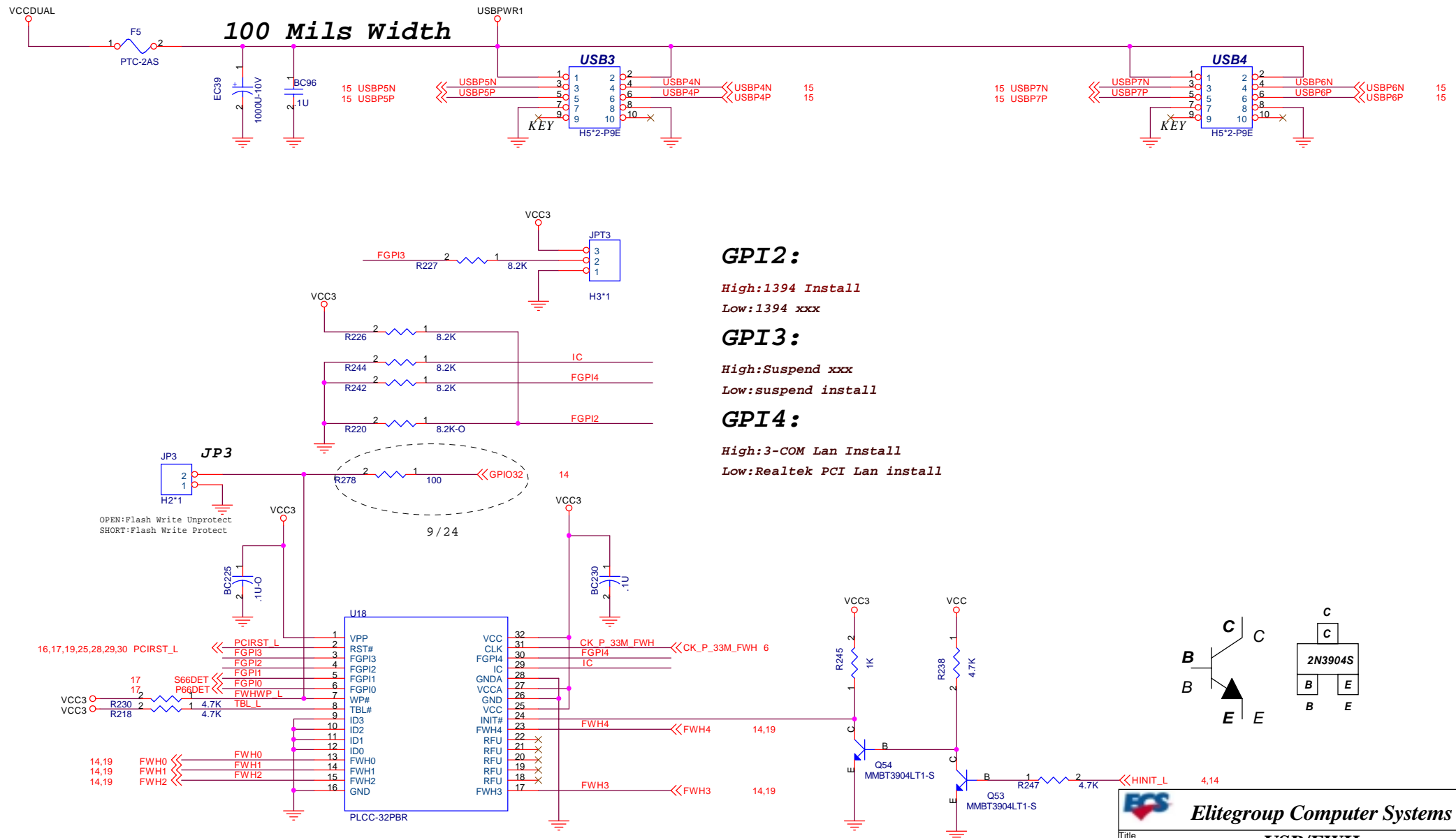




MAX TRACE LENGTH IS 8"

Elitegroup Computer Systems		
IDE Connector		
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USB PORT INTERFACE



GPI2:

High:1394 Install

Low:1394 xxx

GPI3:

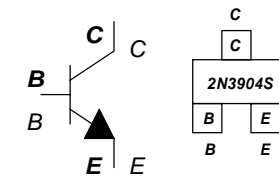
High:Suspend xxx

Low:suspend install

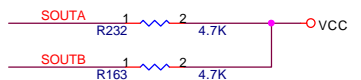
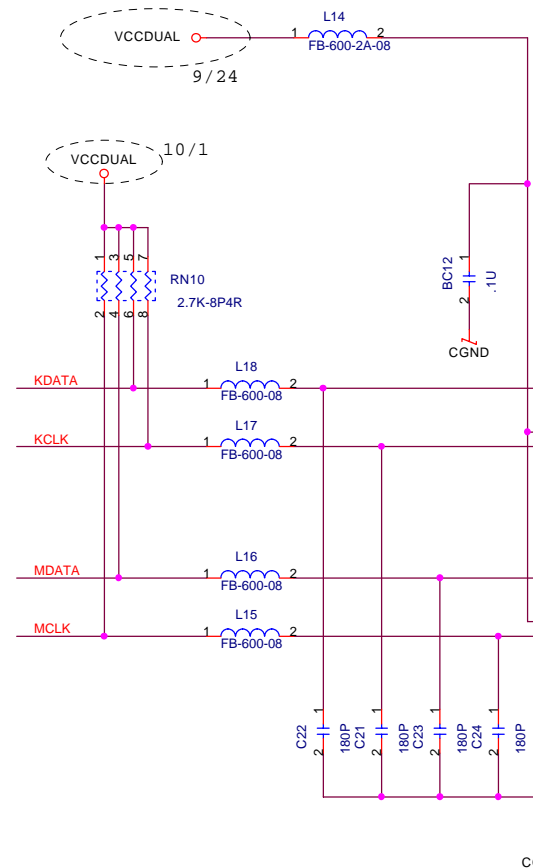
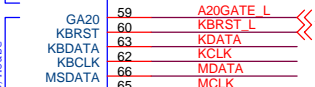
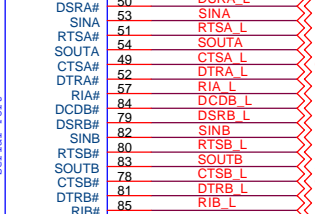
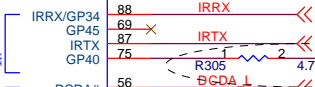
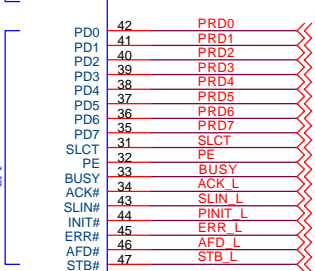
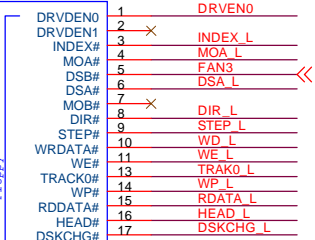
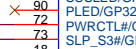
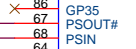
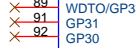
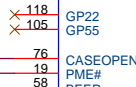
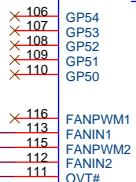
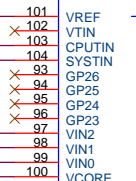
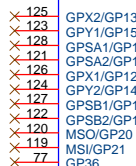
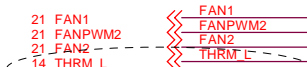
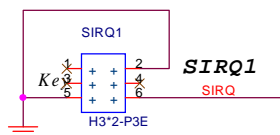
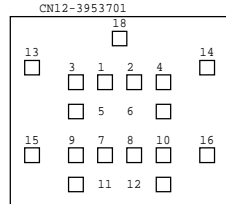
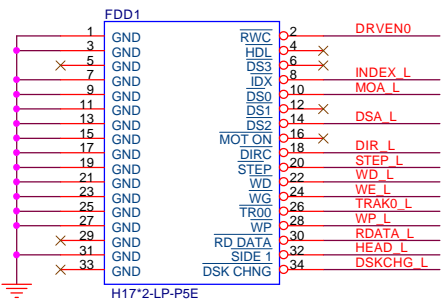
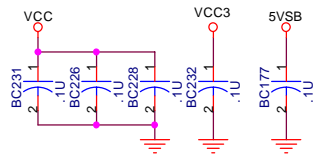
GPI4:

High:3-COM Lan Install

Low:Realtek PCI Lan install



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Title		
USB/FWH		
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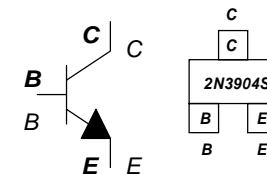
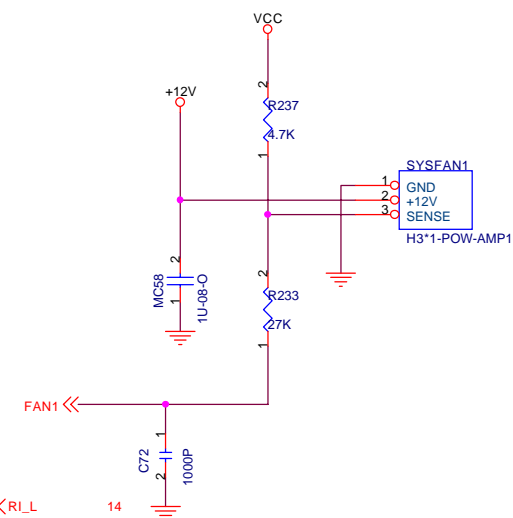
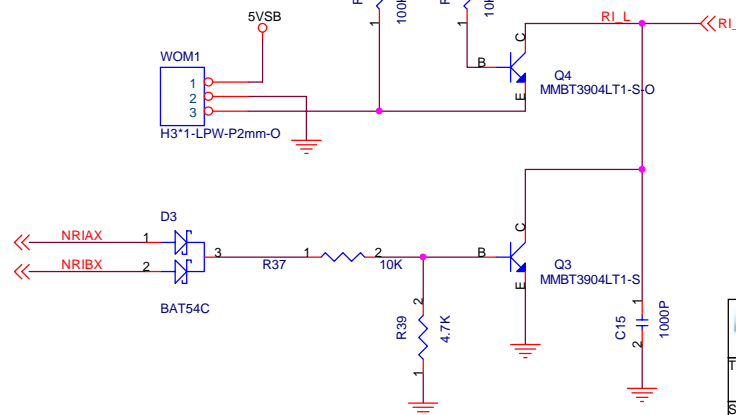
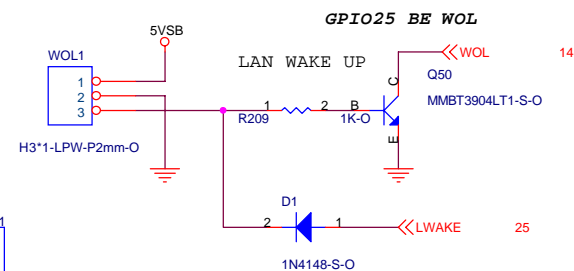


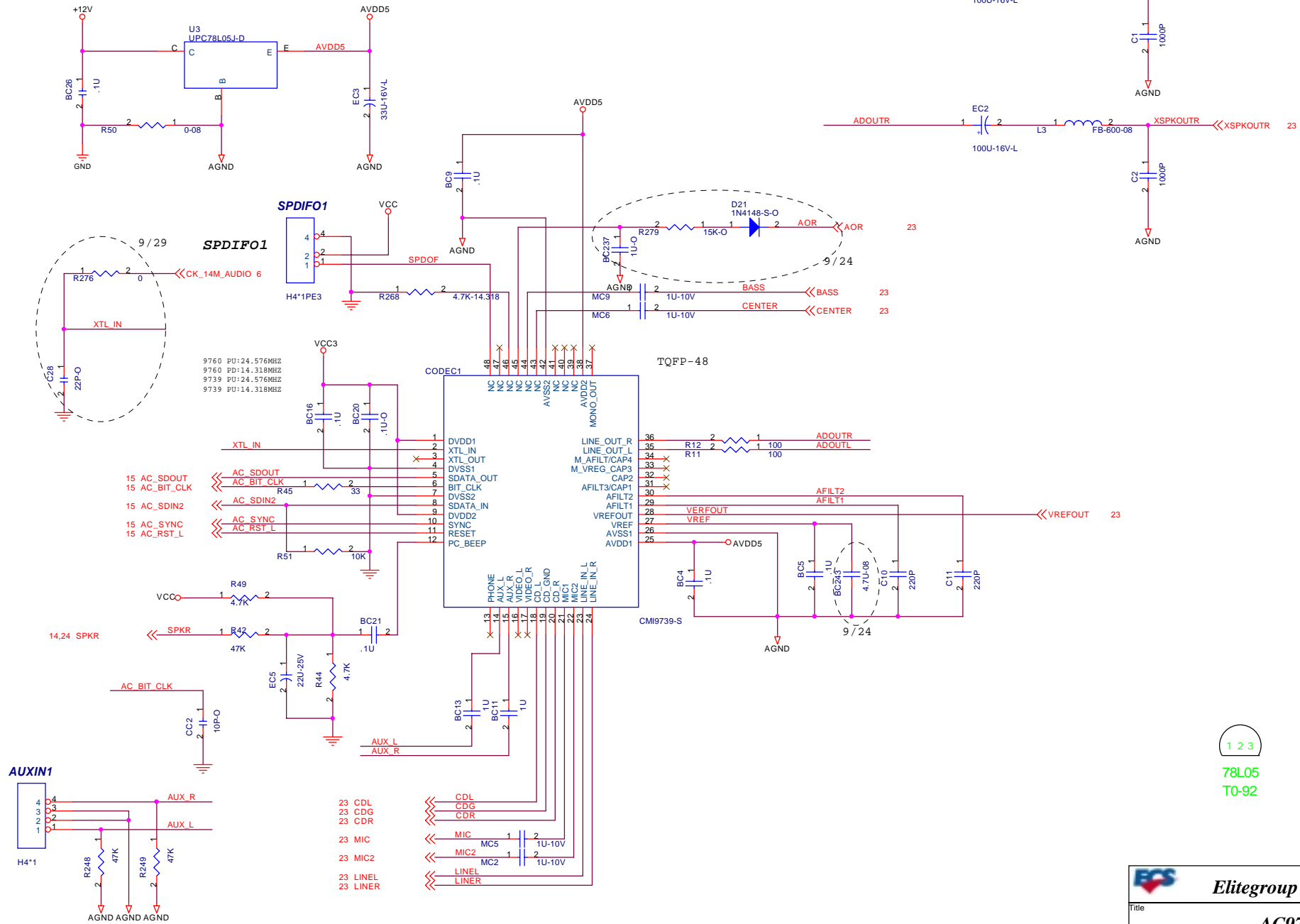
Elitegroup Computer Systems

LPC_FDD/KB/M

865G-M

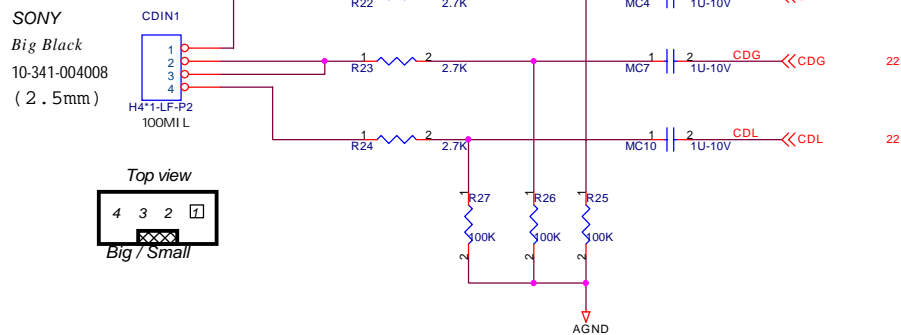
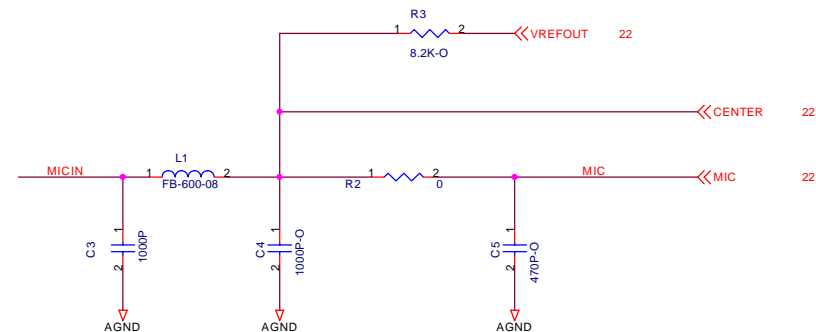
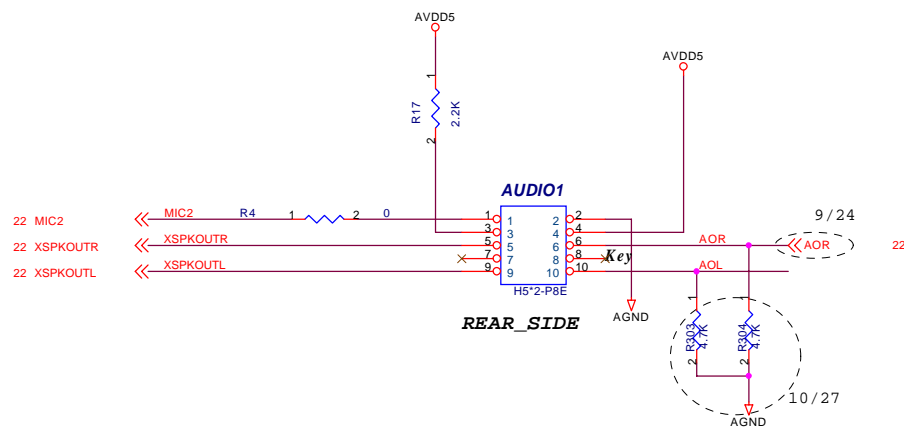
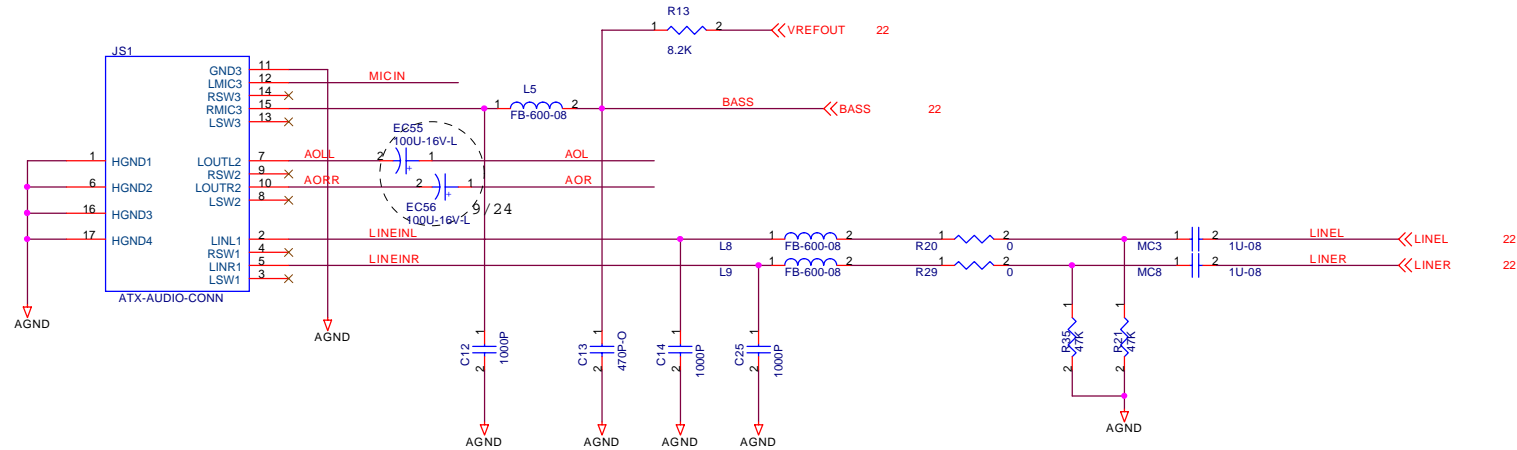
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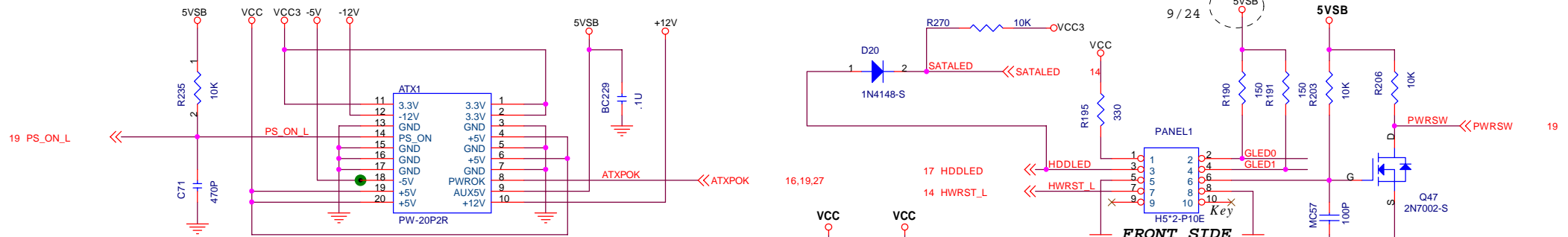




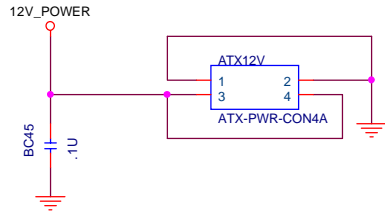
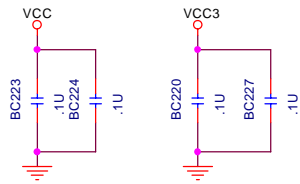
1 2 3

78L05
T0-92

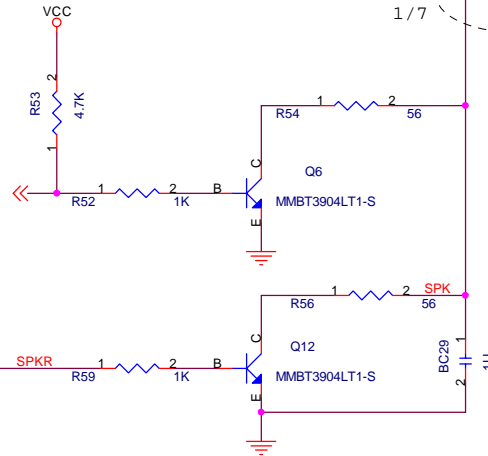




PWR CONN CAPS



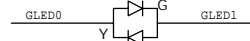
19 BEEP



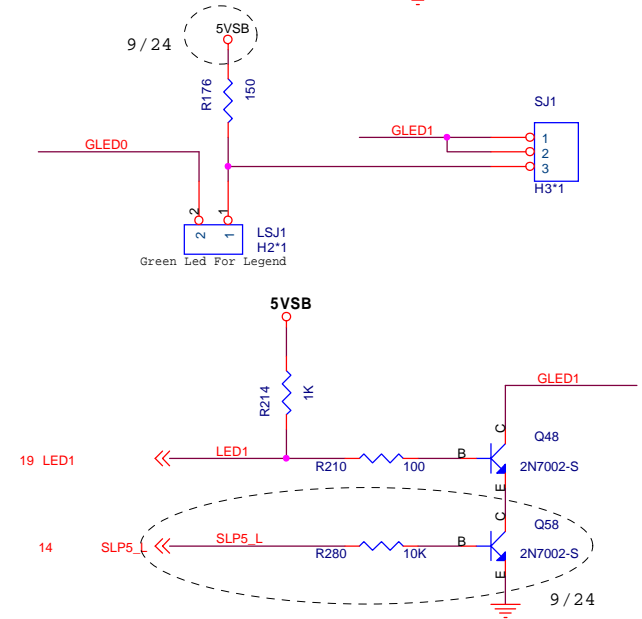
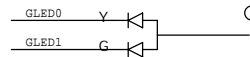
14,22 SPKR

	S0	S1	S3	S4,S5
PANEL1 (4,2)	Green	G-blinking	Y-blinking	Dark
LPANEL1 (3,5,7)	Green	G-blinking	G-blinking Yellow	Dark
LSJ1 (1,2)	Dark	Dark	Light	Dark
SJ1 (1,3) (2,3)	Light	Blinking	Blinking	Dark
GLEDO GLEDI	HIGH LOW	HIGH SWITCH	LOW SWITCH	HIGH HIGH

Intel

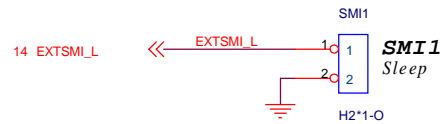
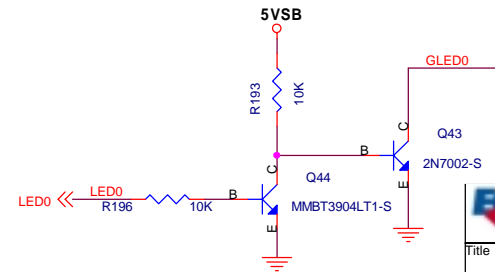


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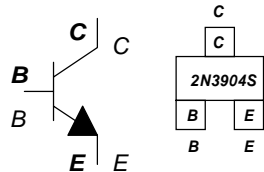


19 LED1

14 SLP5_L

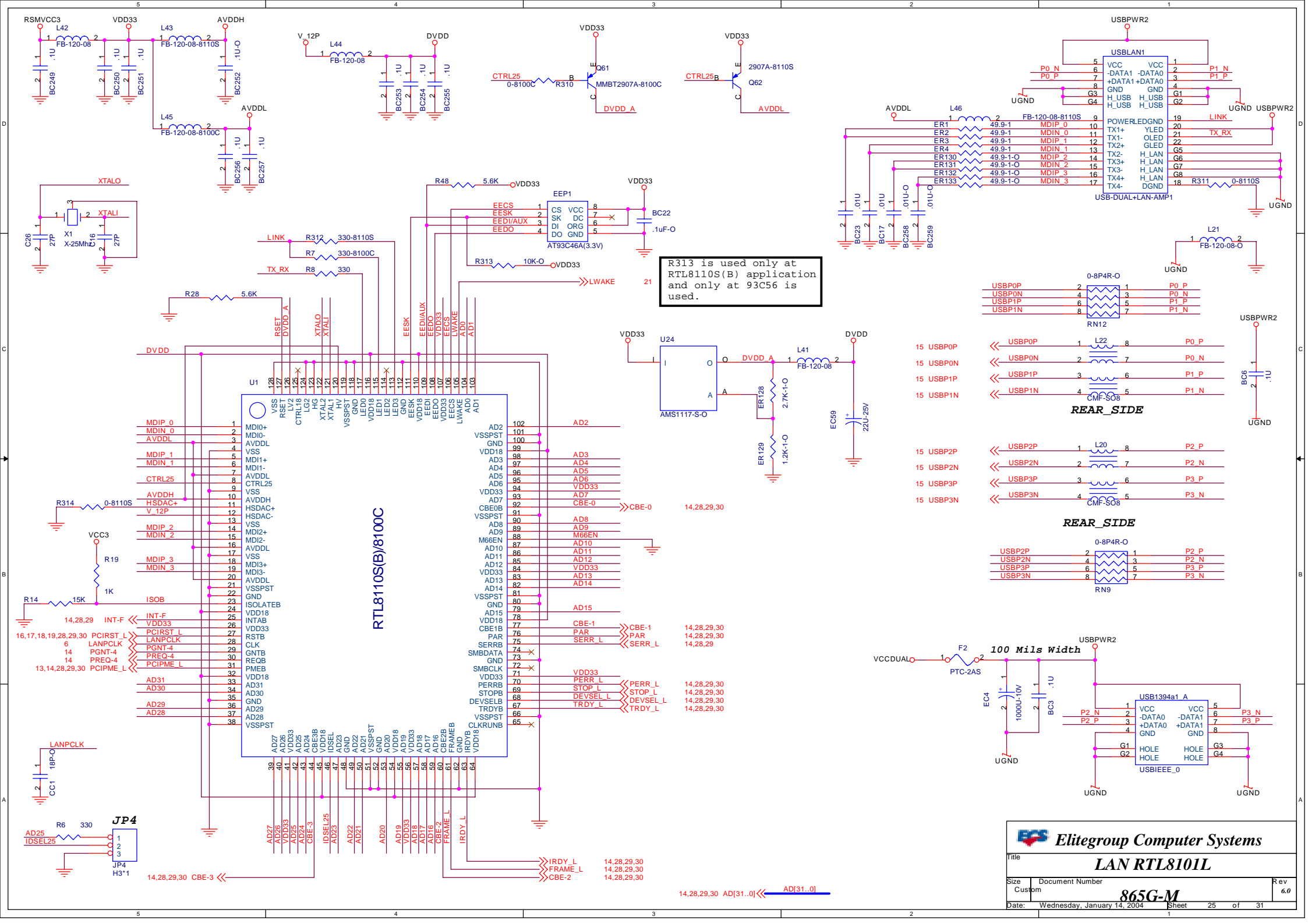


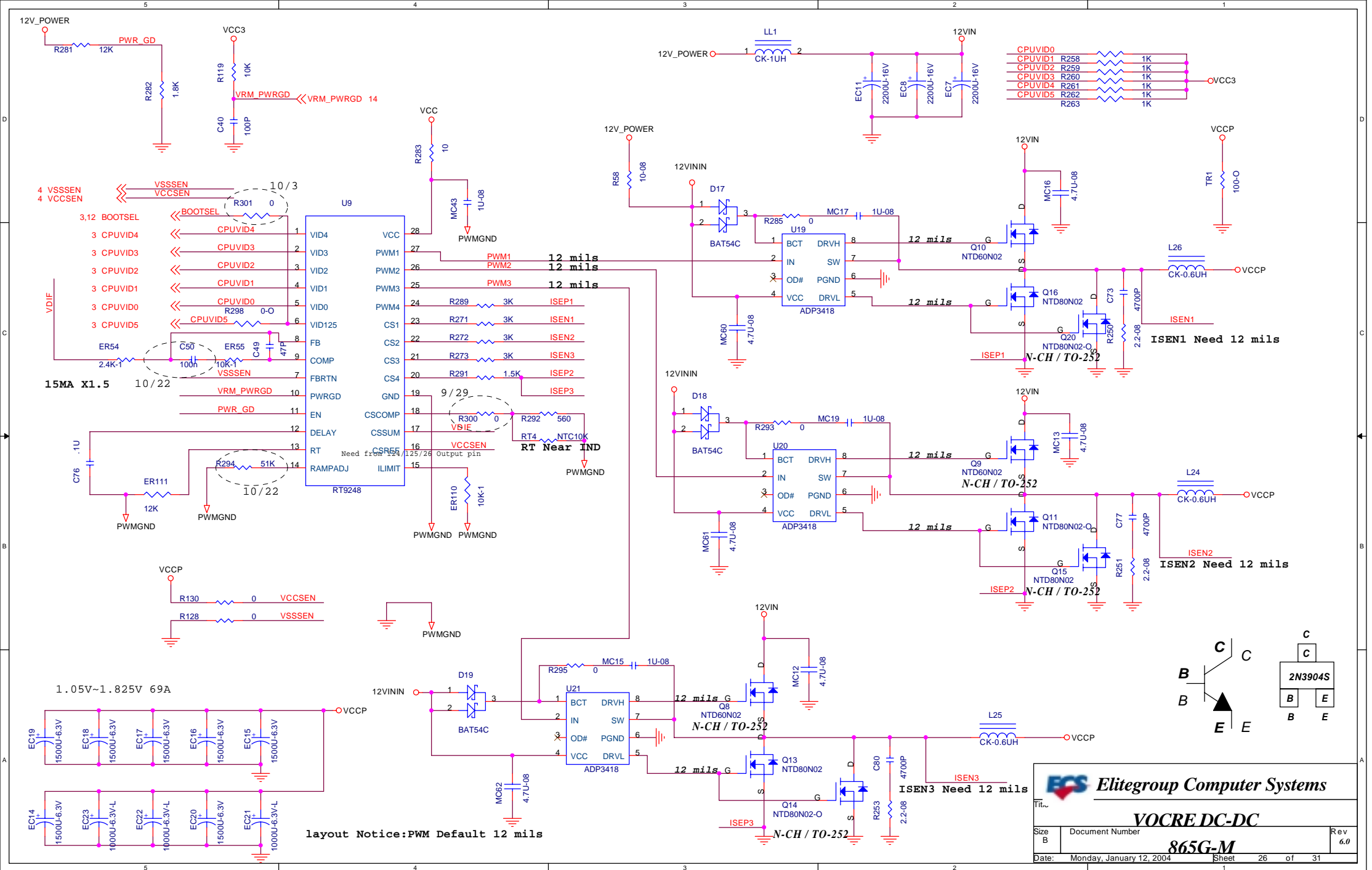
14 EXTSMI_L

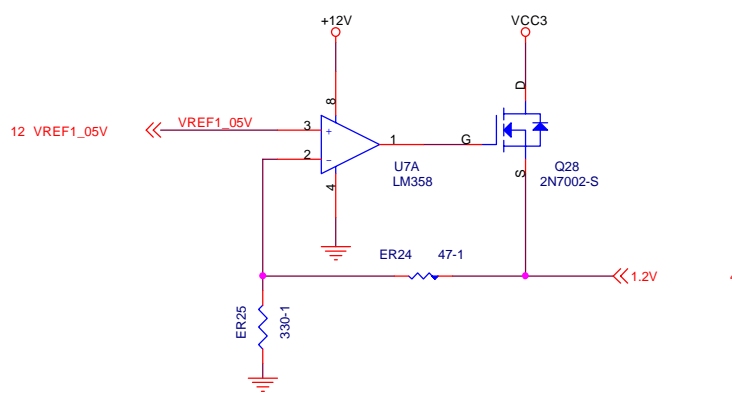
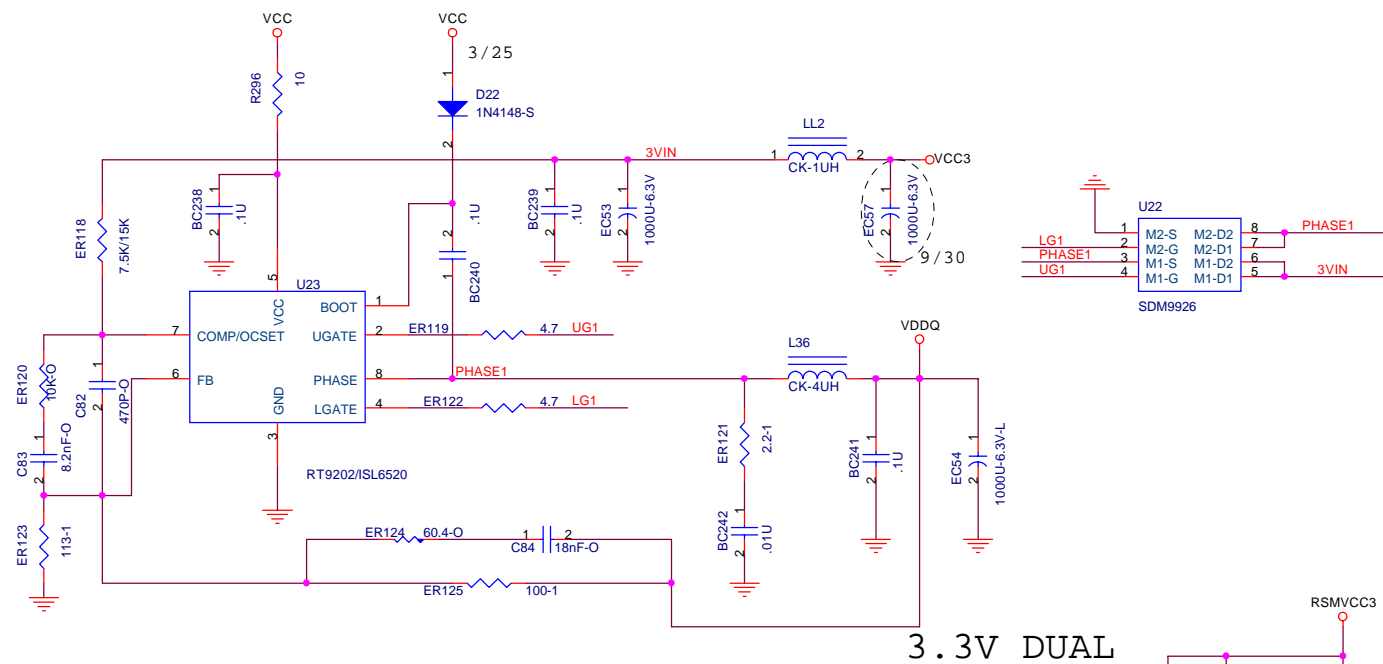
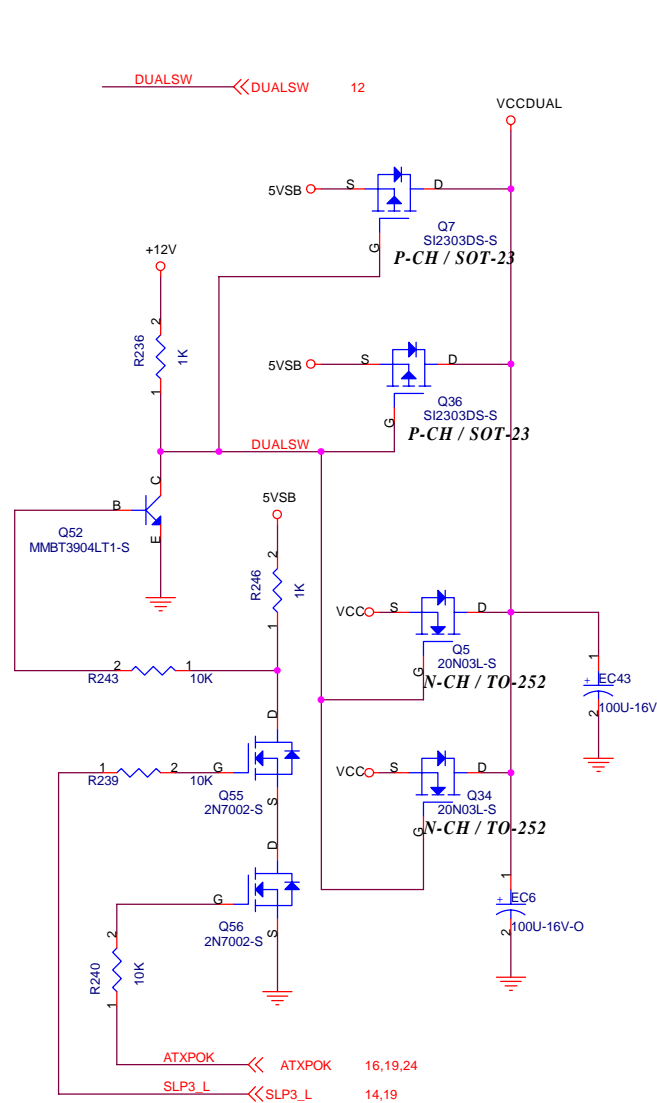


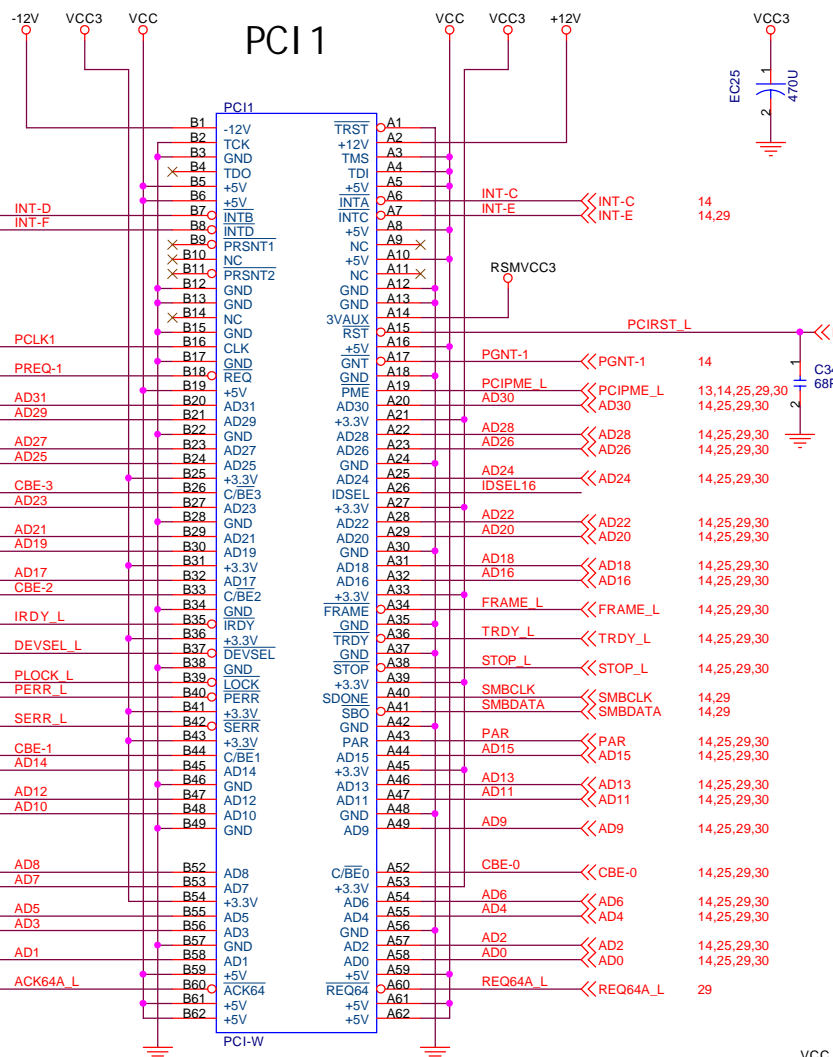
Elitegroup Computer Systems

Title		
ATX Power & Front Panel		
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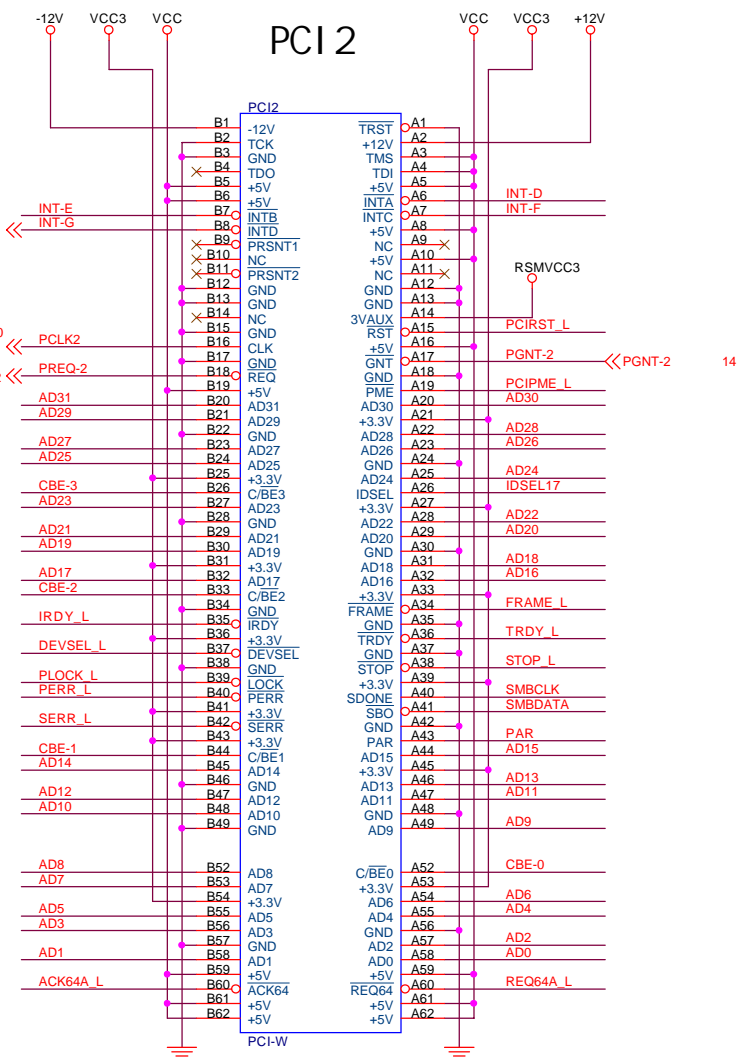
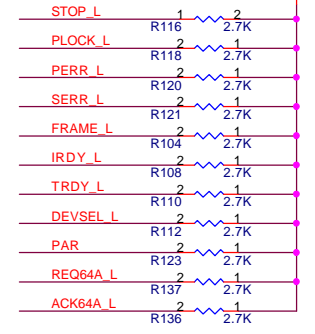
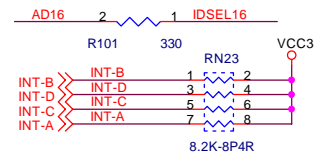




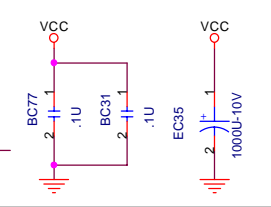
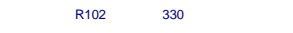




PCI1-INT:
 INTA:INTC
 INTB:INTD
 INTC:INTE
 INTD:INTF



PCI2-INT:
 INTA:INTD
 INTB:INTE
 INTC:INTF
 INTD:INTG



Elitegroup Computer Systems

Title: **PCI Slot 1&2**

Size: Custom

Document Number: **865G-M**

Date: Monday, January 12, 2004

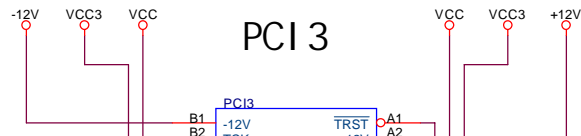
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14,25,28,30 AD[31..0]

AD[31..0]

PCI 3



14,25,28 INT-F
14 INT-H

INT-F
INT-H

6 PCLK3

14 PREQ-3

14,25,28,30 AD31
14,25,28,30 AD29

14,25,28,30 AD27
14,25,28,30 AD25

14,25,28,30 CBE-3
14,25,28,30 AD23

14,25,28,30 AD21
14,25,28,30 AD19

14,25,28,30 AD17
14,25,28,30 CBE-2

14,25,28,30 IRDY_L

14,25,28,30 DEVSEL_L

14,28 PLOCK_L
14,25,28,30 PERR_L

14,25,28 SERR_L

14,25,28,30 CBE-1
14,25,28,30 AD14

14,25,28,30 AD12
14,25,28,30 AD10

14,25,28,30 AD8
14,25,28,30 AD7

14,25,28,30 AD5
14,25,28,30 AD3

14,25,28,30 AD1

28 ACK64A_L

PCI3-INT:

INTA: INTE

INTB: INTF

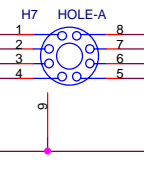
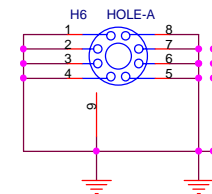
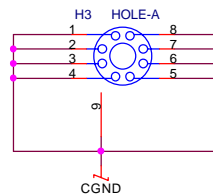
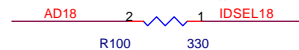
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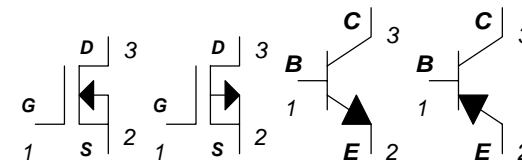
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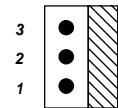


Top View

SOT-23

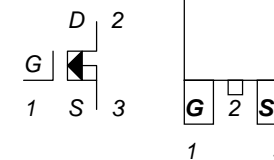


Fan Header

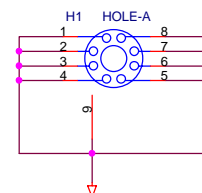
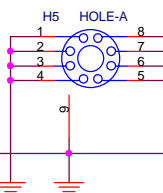
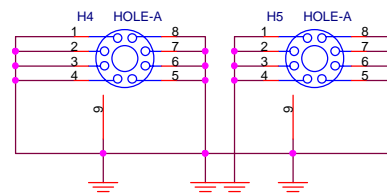
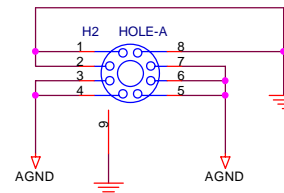
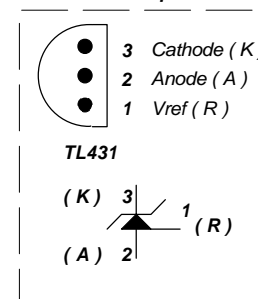


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TO-263 / TO-252



Top View



Elitegroup Computer Systems

PCI Slot 3

865G-M

Monday, January 12, 2004

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