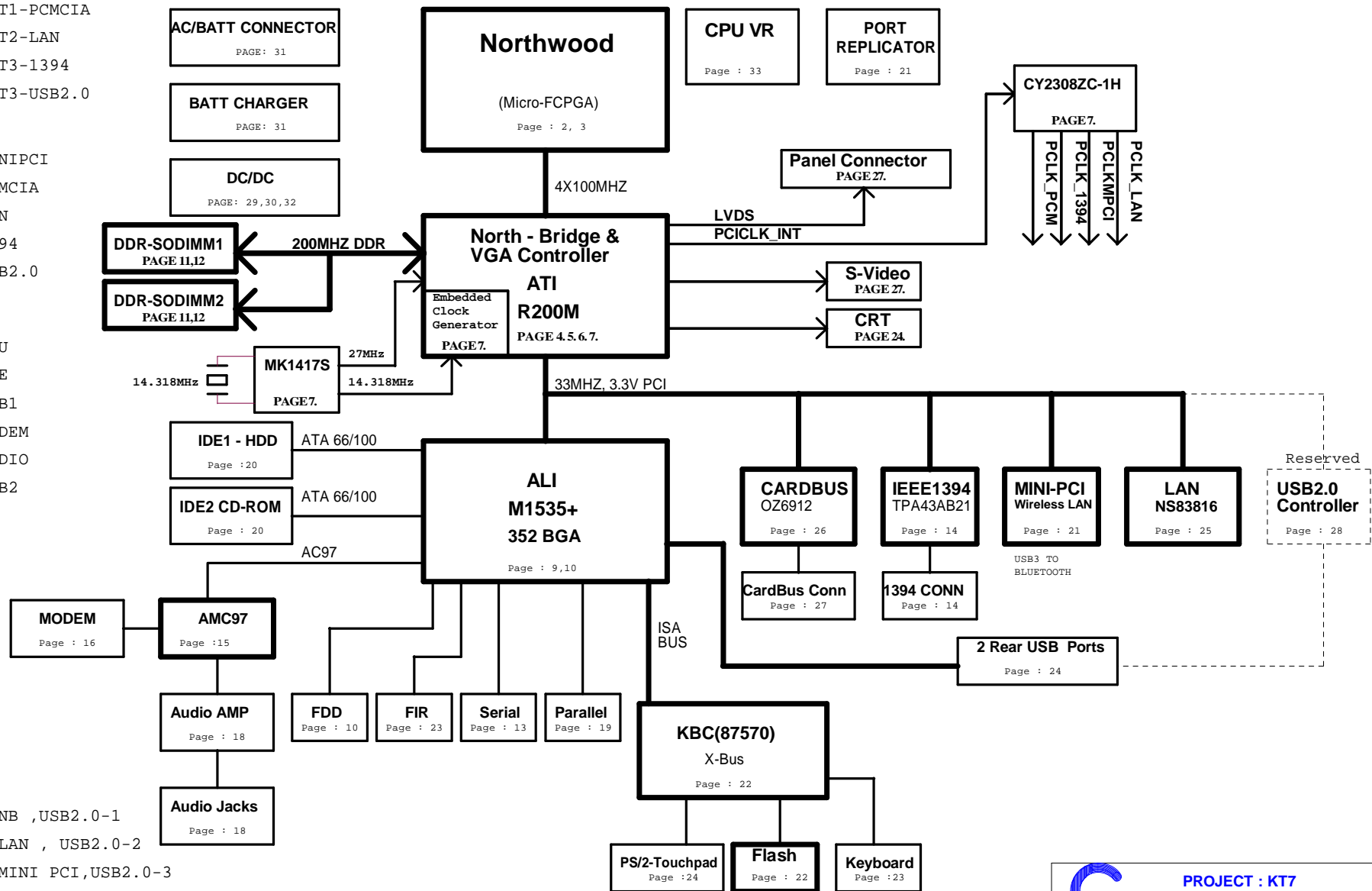


GREQ, GGNT-VGA
 REQ0, GNT0-MINIPCI
 REQ1, GNT1-PCMCIA
 REQ2, GNT2-LAN
 REQ3, GNT3-1394
 REQ3, GNT3-USB2.0

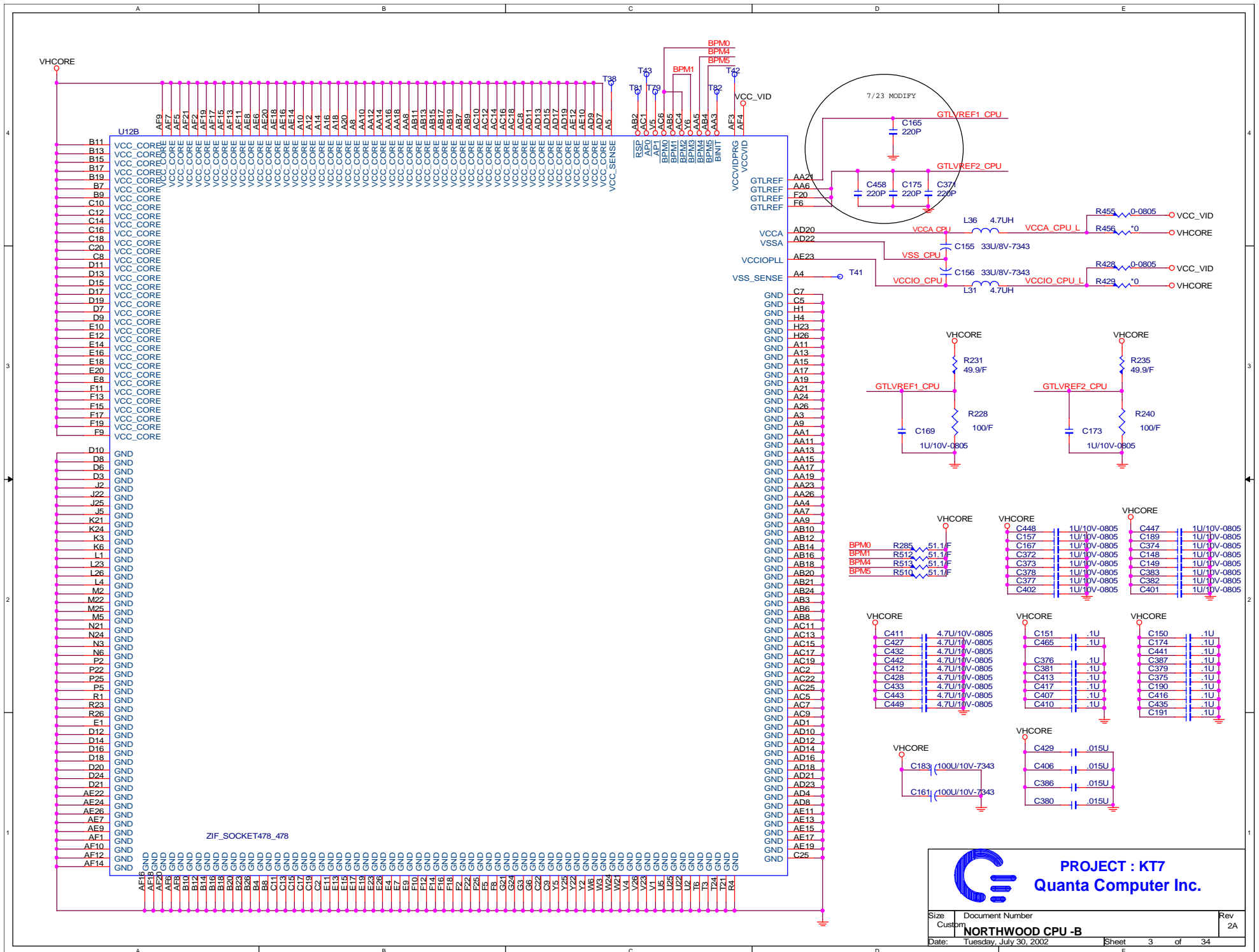
AD20-MINIPCI
 AD22-PCMCIA
 AD29-LAN
 AD23-1394
 AD25-USB2.0
 AD18-SB
 AD28-PMU
 AD27-IDE
 AD31-USB1
 AD19-MODEM
 AD17-AUDIO
 AD26-USB2

-INTA: NB ,USB2.0-1
 -INTB: LAN , USB2.0-2
 -INTC: MINI PCI,USB2.0-3
 -INTD:MINI PCI,CARDBUS
 -INTF: CARDBUS,1394

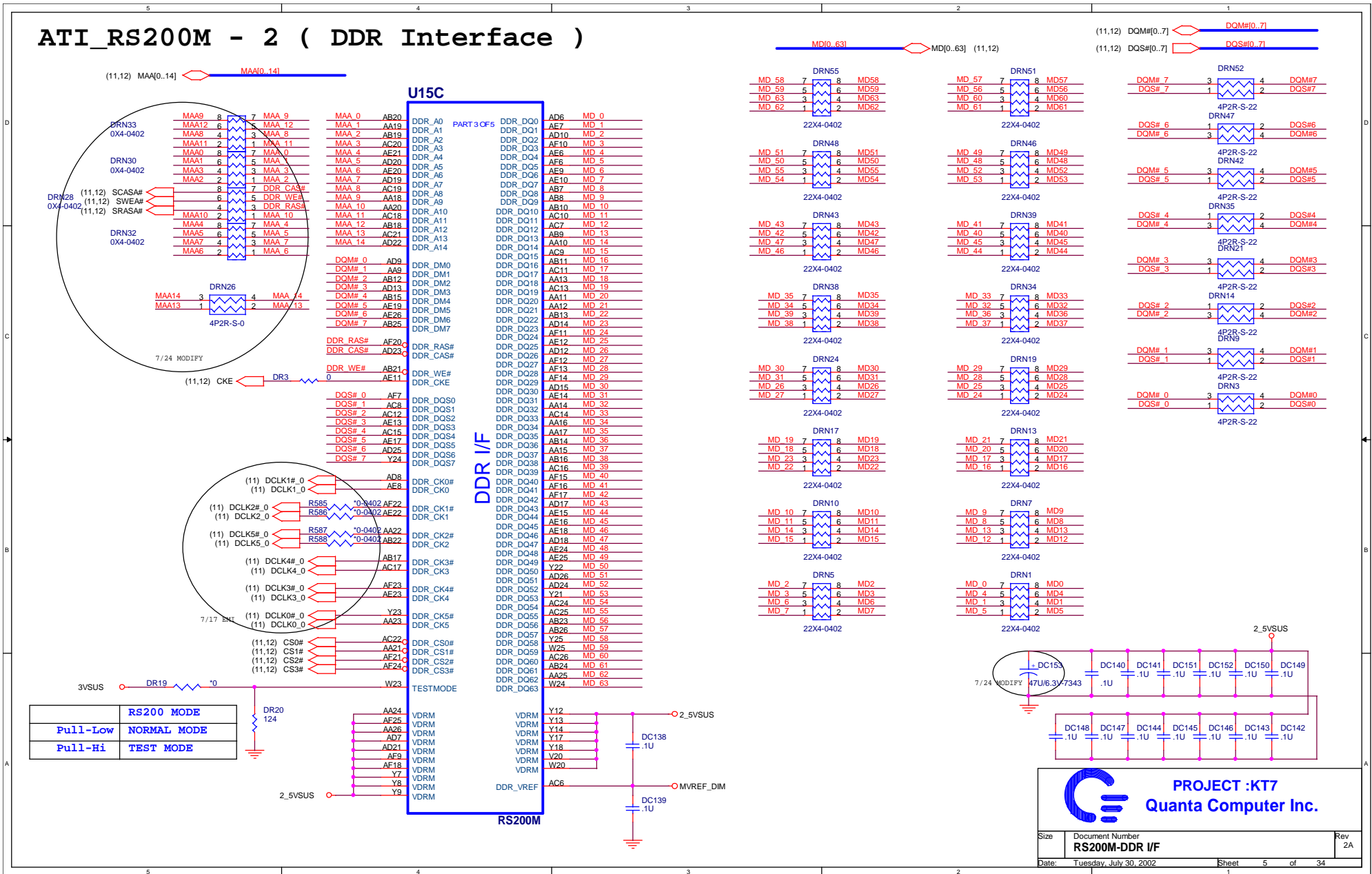
KT7

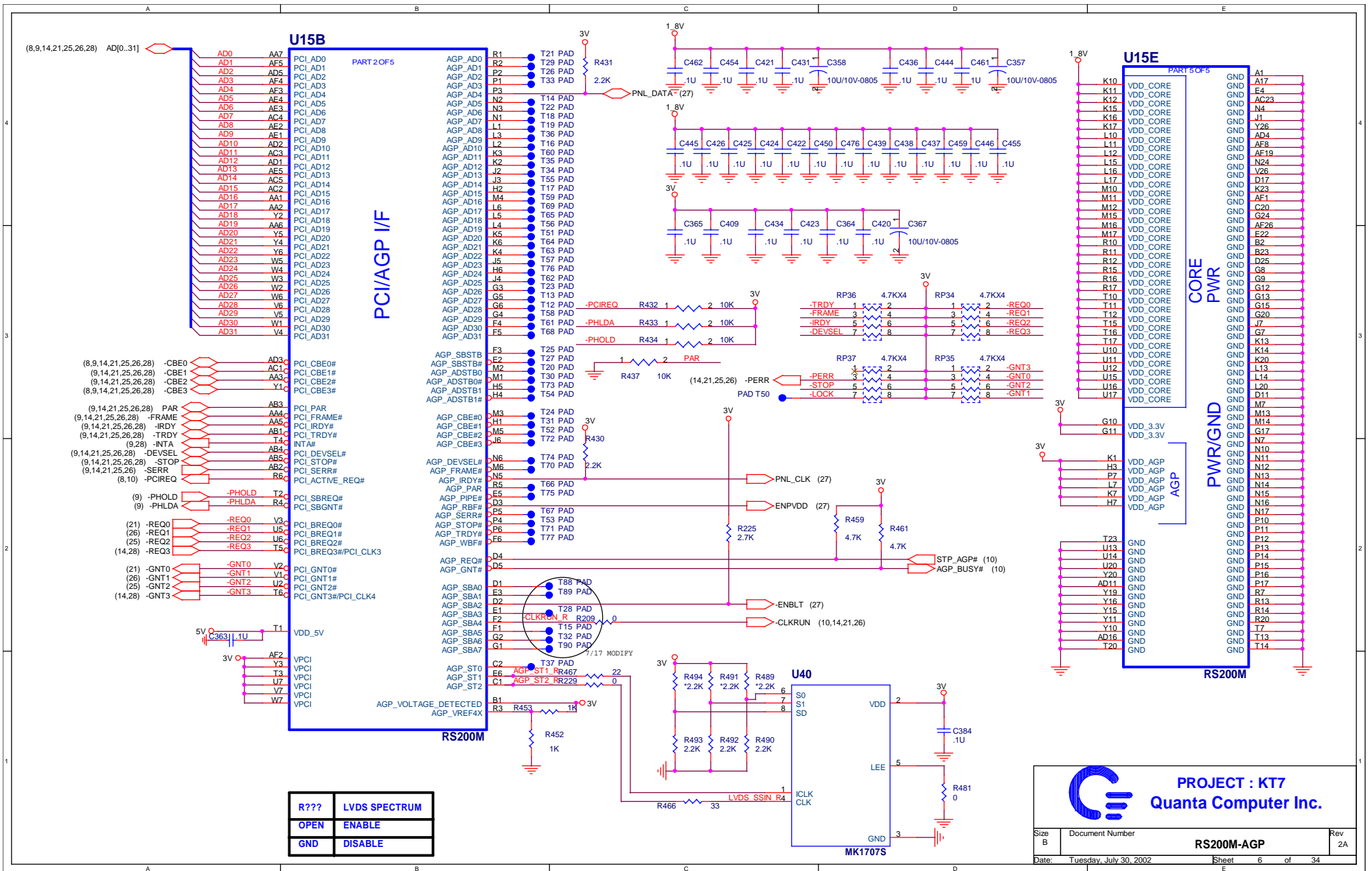






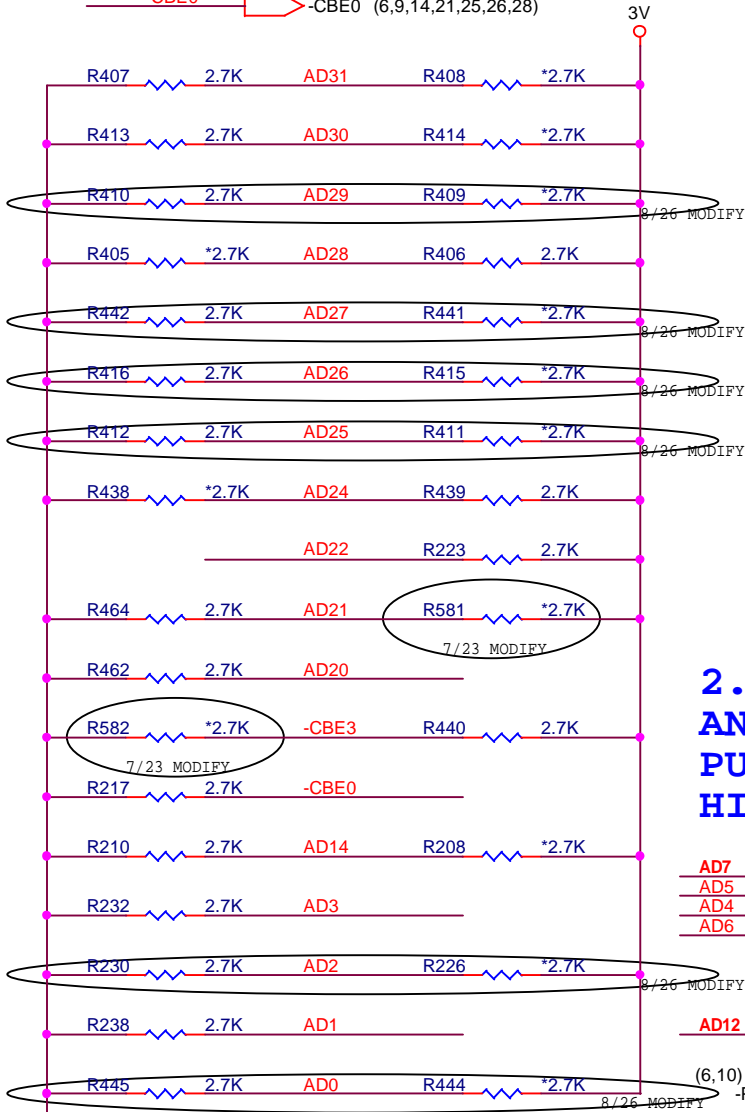
ATI_RS200M - 2 (DDR Interface)





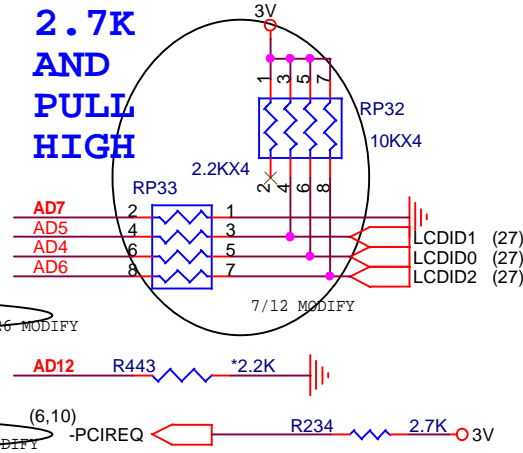
SYSTEM CONFIG. & N.B H/W STRAPPING

AD[0..31] (6,9,14,21,25,26,28)
 -CBE3 (6,9,14,21,25,26,28)
 -CBE0 (6,9,14,21,25,26,28)



| | | | |
|--|---|--------------------------|--|
| AD[30..31] : CLK SPEED DEFAULT: 00 | 00: 100 MHZ 01: 133 MHZ | 10: 166MHZ 11: 66 MHZ | AD15 : RESERVED |
| AD29: RS200M FULL CONFIGURATION DEFAULT: 1 | 0: FULL CONFIGURATION 1: USES DEFAULT VALUES | | AD14 : AGTL+ VDDQ DEFAULT: 0 |
| AD28: SPREAD SPECTRUM ENABLE DEFAULT: 0 | 0: DISABLE 1: ENABLE | | AD13: RESERVED |
| AD27: MCERR OBSERVATION DEFAULT: 1 | 0: DISABLE 1: ENABLE | | AD[12] : FLAT PANEL ID MSB |
| AD26: QUICK START SELECT DEFAULT: 1 | 0: DISABLE 1: ENABLE | | AD10 : RESERVED |
| AD25: INIT OBSERVATION DEFAULT: 1 | 0: DISABLE 1: ENABLE | | AD09 : RESERVED |
| AD24: IOQ ENABLE DEFAULT: 1 | 0: DISABLE 1: ENABLE | | AD[7..4] : FLAT PANEL ID |
| AD23 : RESERVED | | | AD3: PCI66 MODE DEFAULT: 0 |
| AD22: 27MHz/33 MHz CLOCK SELECTION DEFAULT: 1 | 0: 33 MHz CLOCK OUTPUT 1: 27 MHz CLOCK INPUT | 0: 33MHz 1: 66MHz | AD2: CAL DEFAULTS FOR CPU DEFAULT: 1 (FOR BRING UP) |
| AD21 : RESERVED | 0: PLL Bypass mode disable(Normal mode) 1: PLL Bypass mode enable(Debug only) | | AD1: FrcShortReset DEFAULT: 0 |
| AD20 : PCICLK EXPANSION DEFAULT: 0 | 1: PCI_REQ#3, PCI_GNT#3 USED AS PCICLK 0: PCI_REQ#3, PCI_GNT#3 USED AS REQ/GNT | 0: DISABLE 1: ENABLE | AD0: PCI/AGP CONFIG. DEFAULT: 1 |
| CBE#3: PROD TEST DEFAULT: 1 | 0: SHORT TIMERS 1: NORMAL OPERATION | | PCI_PREQACT#: INTERNAL CLOCK GEN. DEFAULT: 1 |
| | | | 0: DISABLE 1: ENABLE |

2.7K
AND
PULL
HIGH

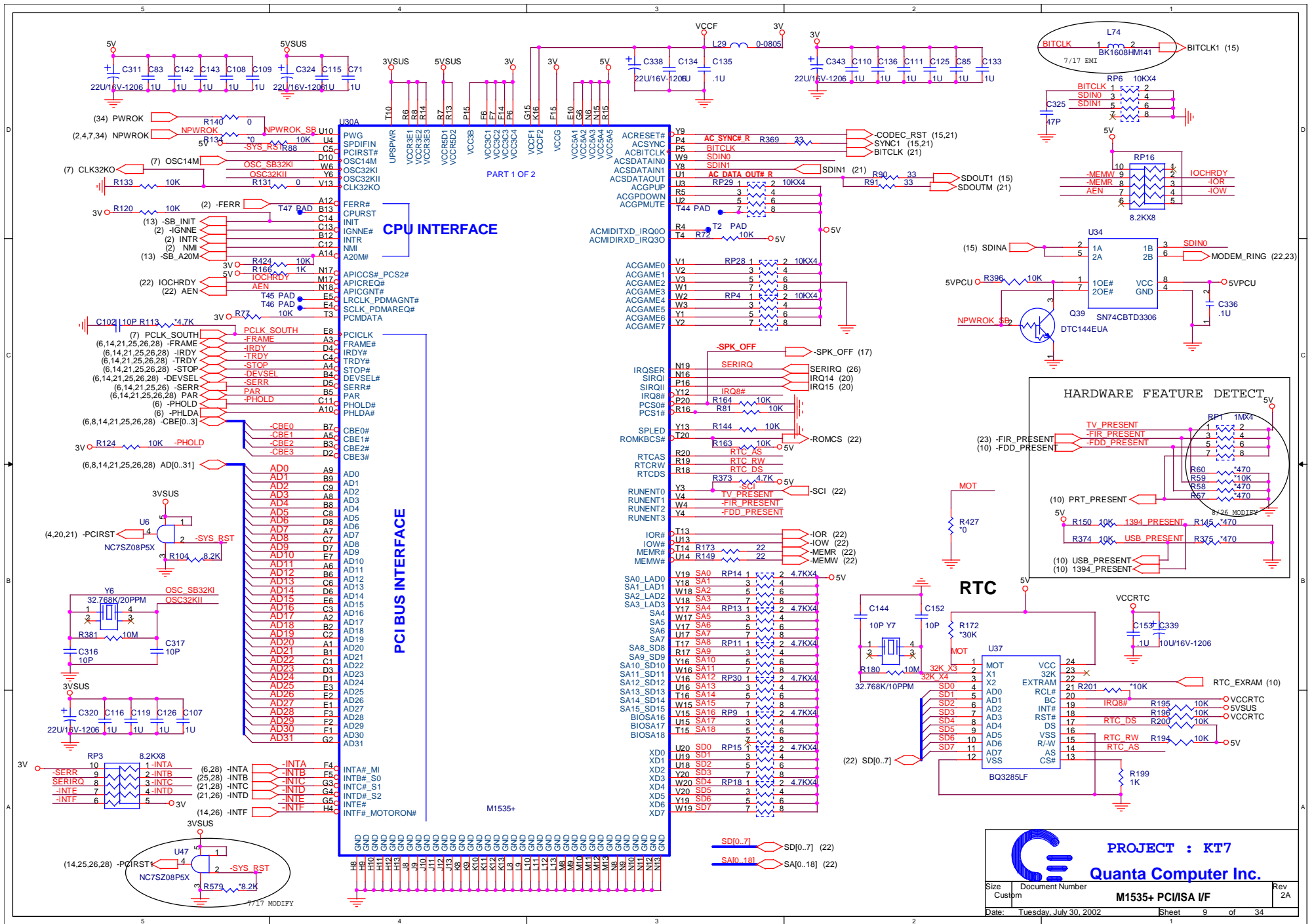


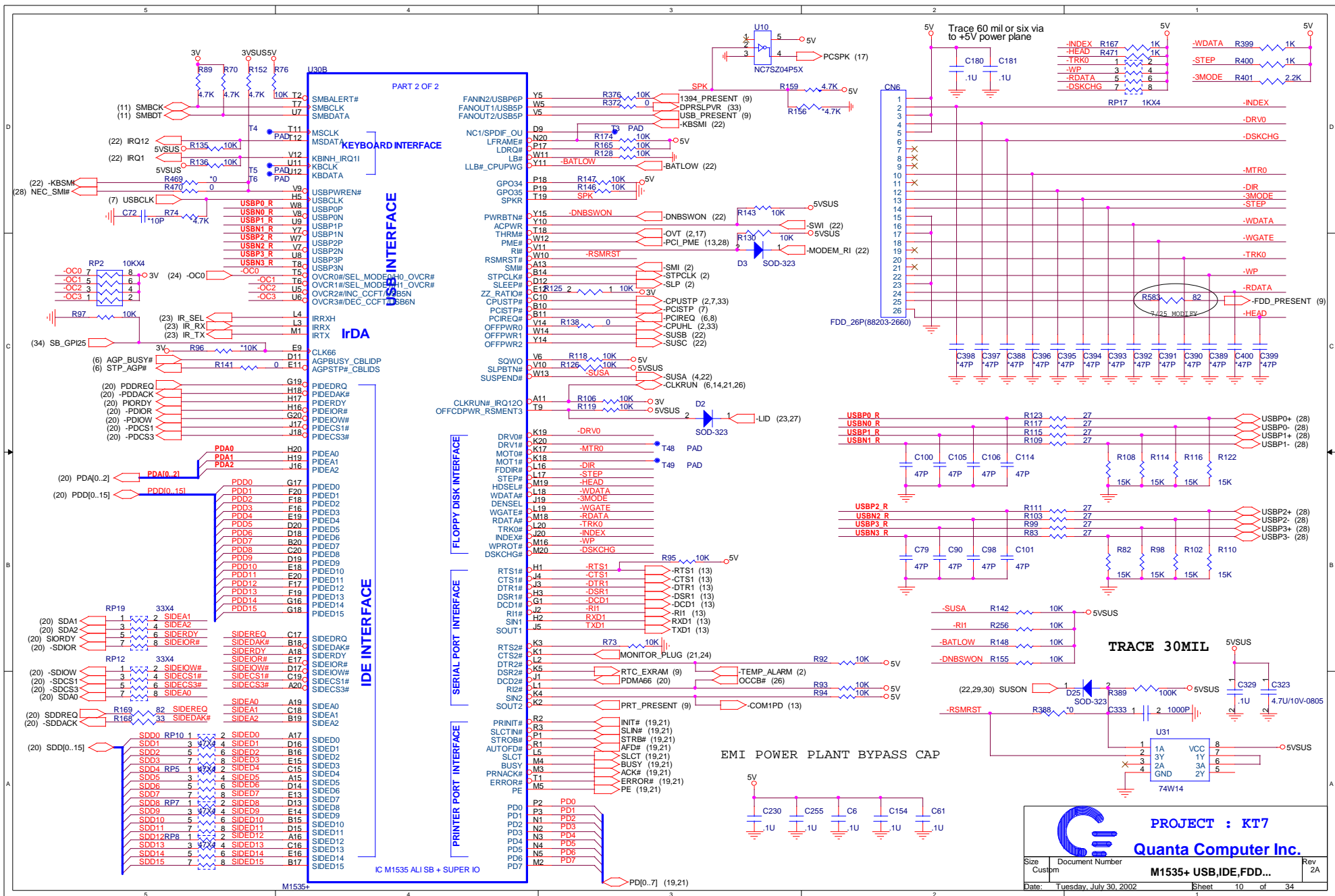
Panel IDs



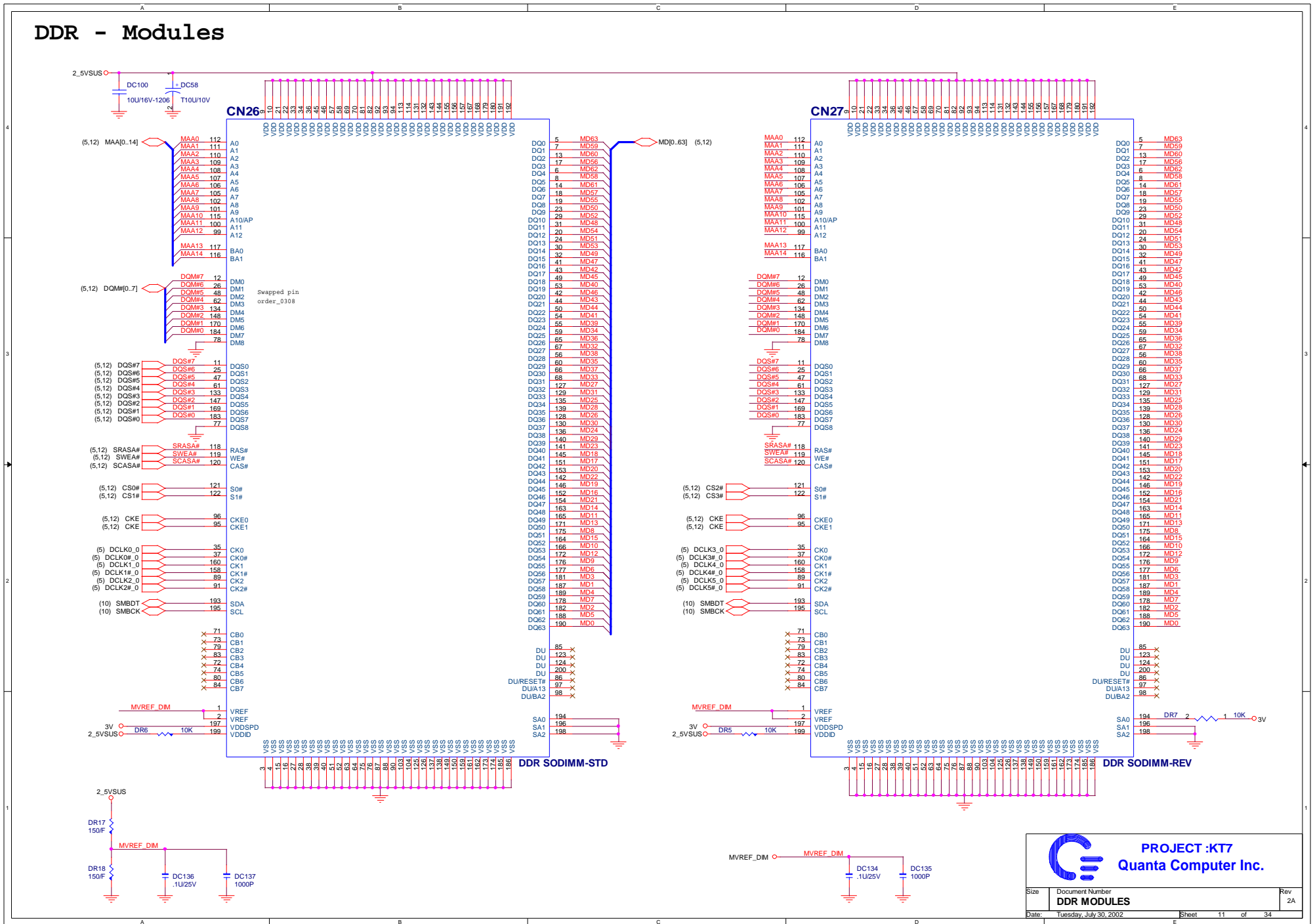
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| | | |
|------------------------------|-----------------------|--------|
| Size Custom | Document Number | Rev 2A |
| | RS200M config setting | |
| Date: Tuesday, July 30, 2002 | Sheet 8 of 34 | |

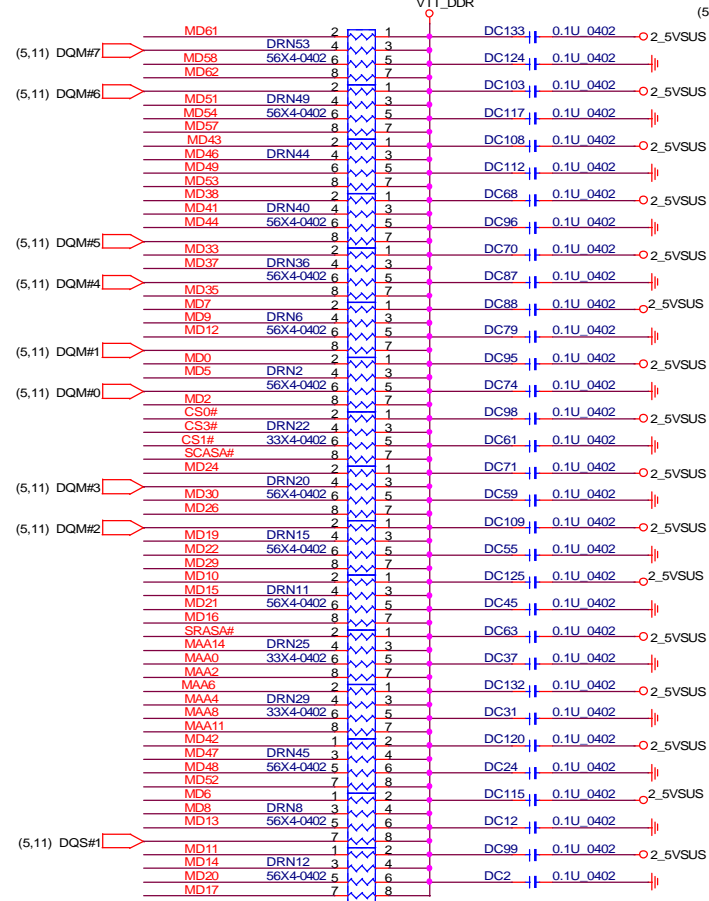




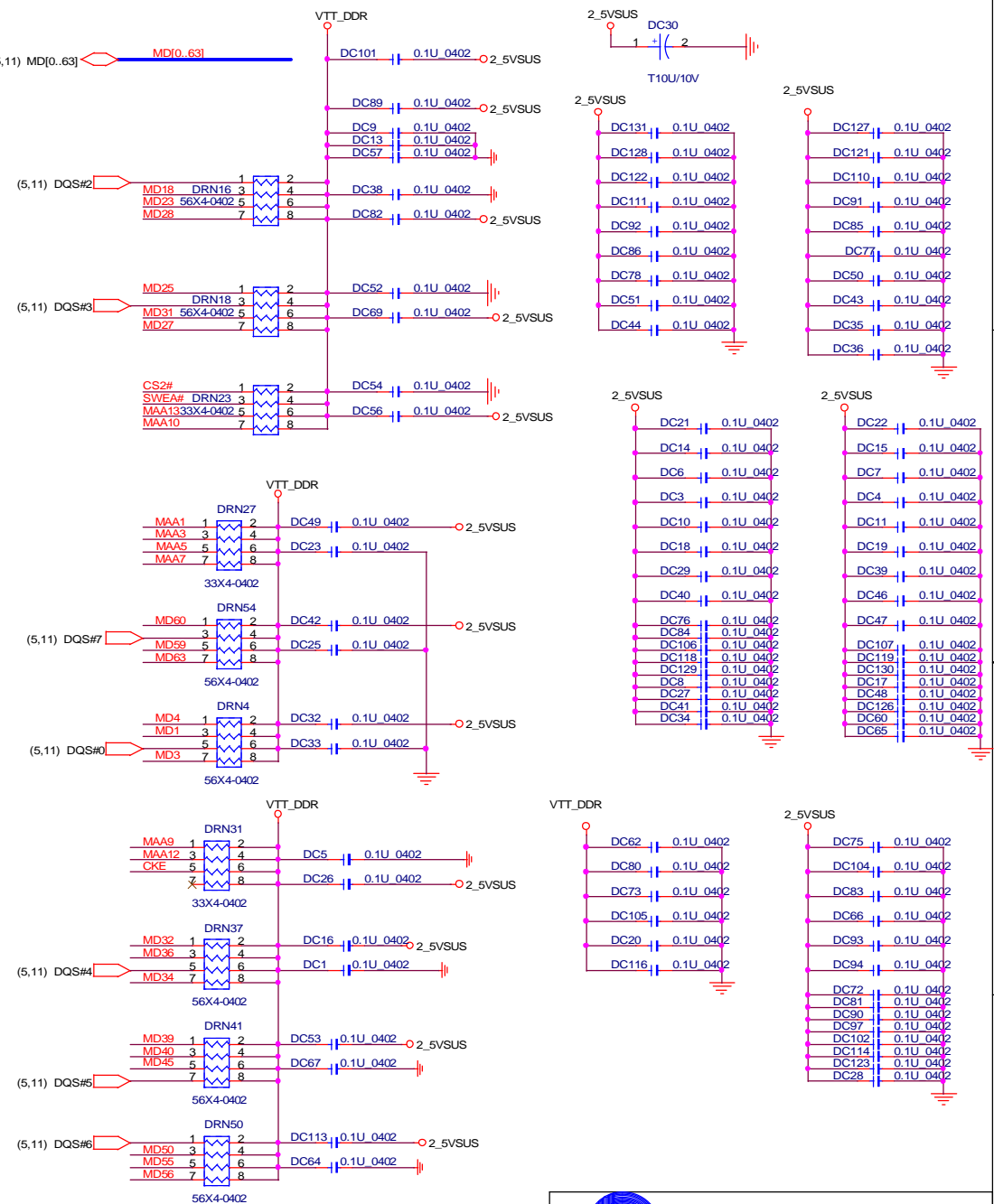
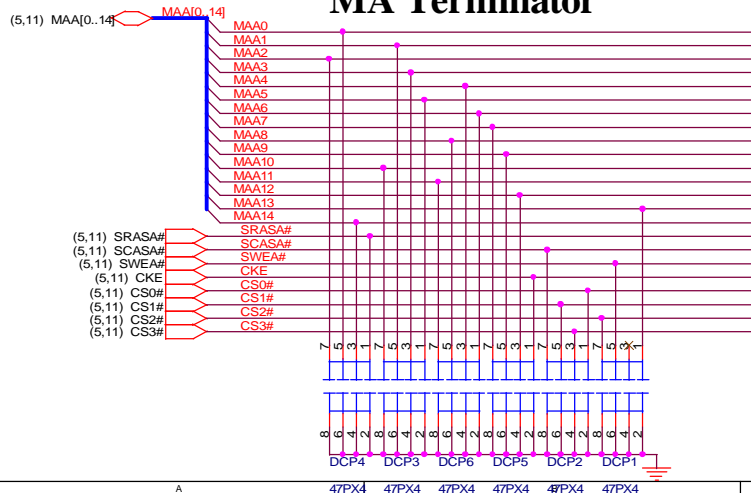
DDR - Modules



MD & DQM & DQS Terminator



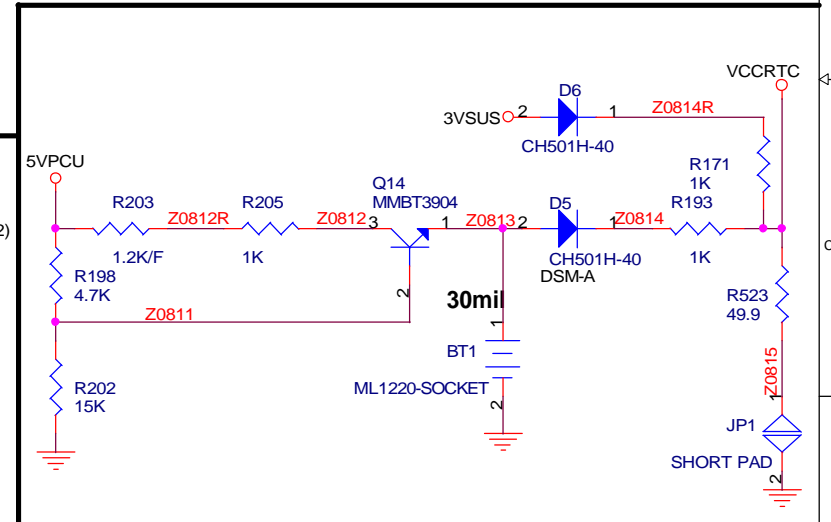
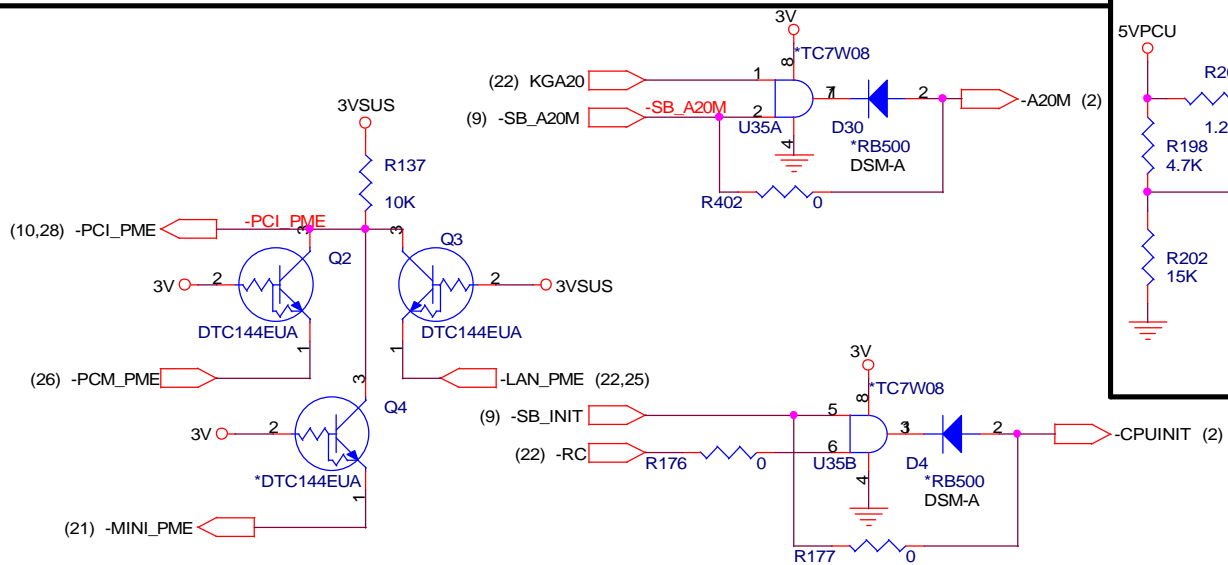
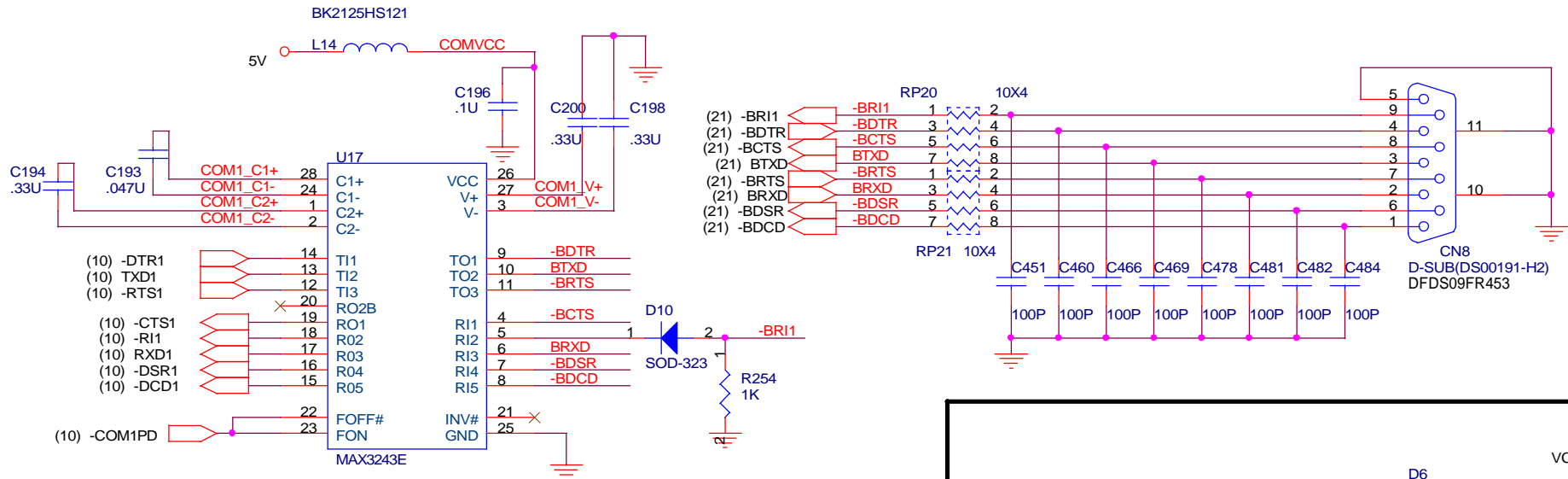
MA Terminator



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| | | |
|-------|------------------------|----------------|
| Size | Document Number | Rev |
| | DDR TERMINATOR | 2A |
| Date: | Tuesday, July 30, 2002 | Sheet 12 of 34 |

SERIAL PORT



PROJECT : KT7

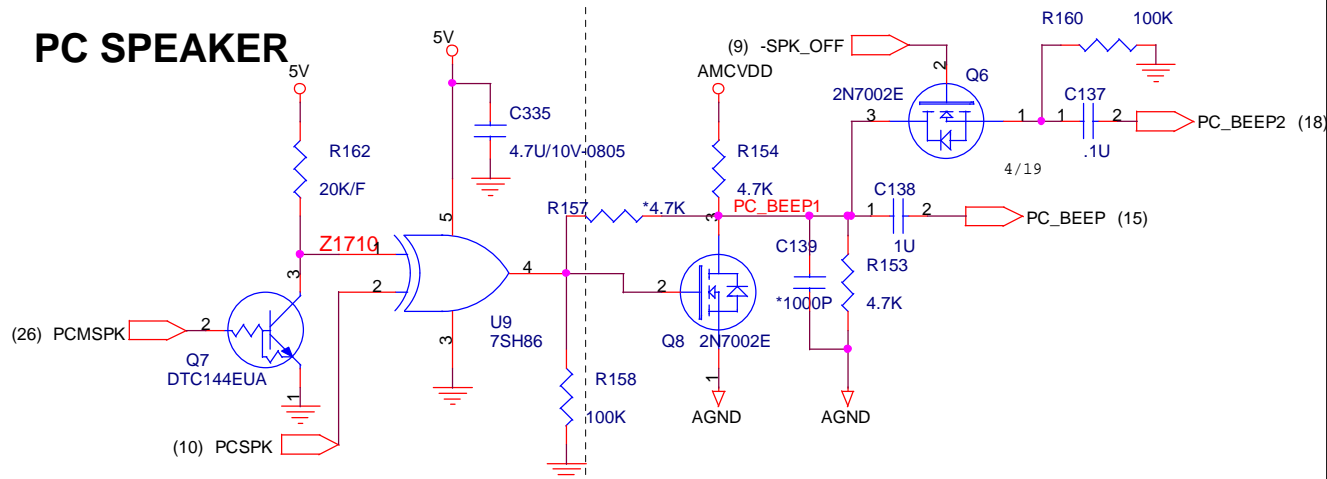
Quanta Computer Inc.

| | | |
|------------------------------|---------------------------------|----------------|
| Size Custom | Document Number SERIAL PORT&RTC | Rev 2A |
| Date: Tuesday, July 30, 2002 | | Sheet 13 of 34 |

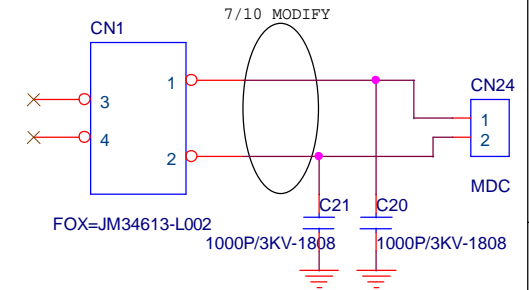
[illegible]



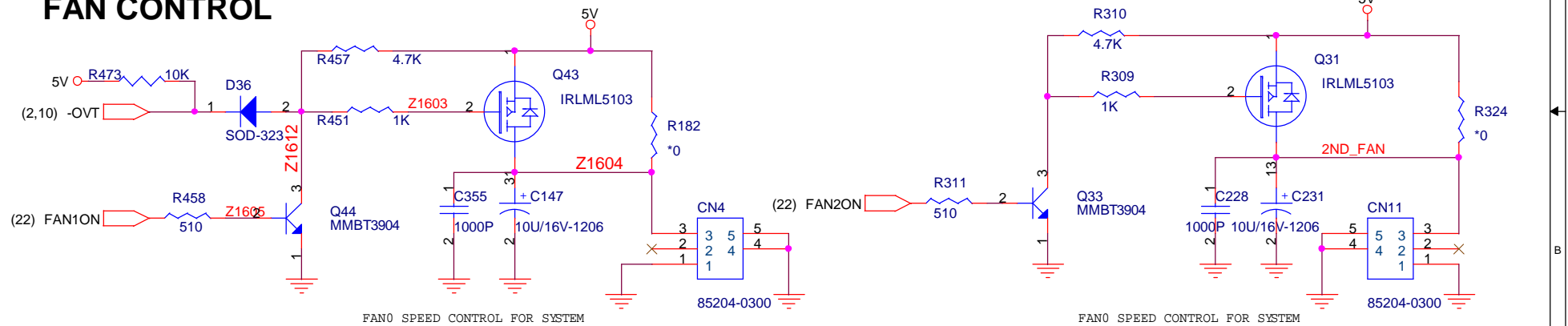
PC SPEAKER



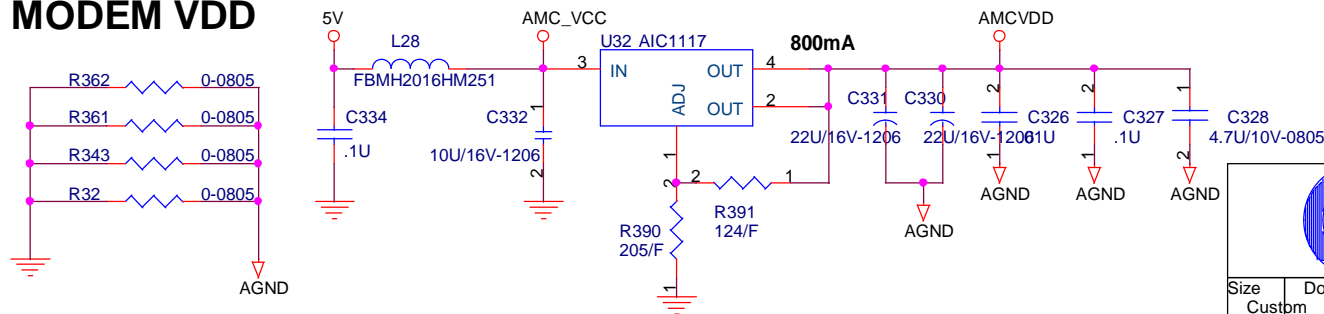
RJ11 CONNECTOR



FAN CONTROL



MODEM VDD



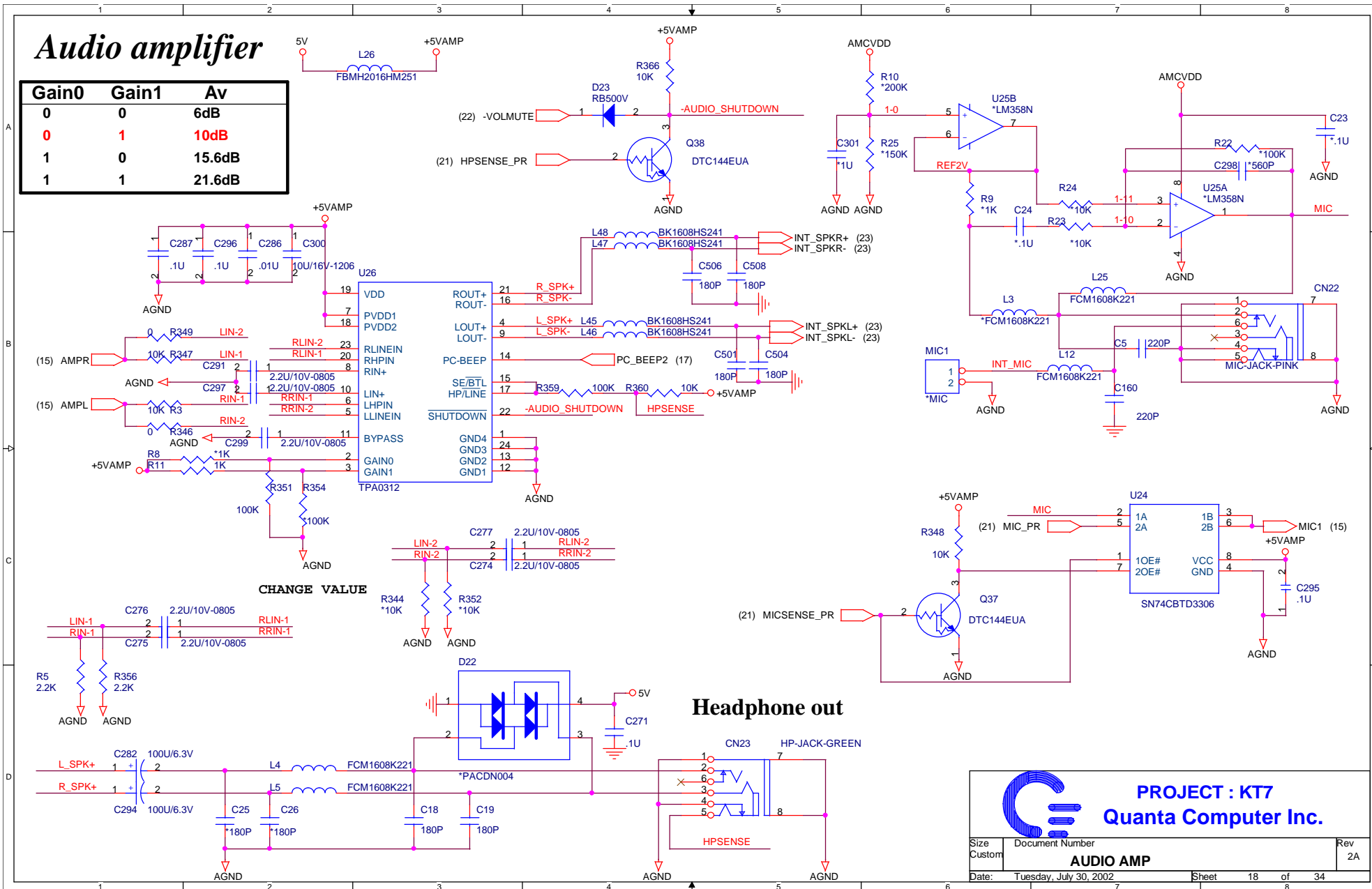
$$V_{out} = 1.25 * (R_{429}/R_{428} + 1) + 55u * R_{429} = 3.3V$$



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| | | |
|---------------------------------|---|------------------|
| Size Custom | Document Number FAN/RJ11/BEEP | Rev 2A |
| Date: Tuesday, July 30, 2002 | Sheet 17 | of 34 |

| Gain0 | Gain1 | Av |
|-------|-------|--------|
| 0 | 0 | 6dB |
| 0 | 1 | 10dB |
| 1 | 0 | 15.6dB |
| 1 | 1 | 21.6dB |



PARALLEL PORT

(10,21) STRB# → STRB#
(10,21) AFD# → AFD#
(10,21) ERROR# → ERROR#
(10,21) INIT# → INIT#
(10,21) SLIN# → SLIN#

(10,21) PD[0..7] → PD[0..7]

(10,21) ACK# → ACK#
(10,21) BUSY → BUSY
(10,21) PE → PE
(10,21) SLCT → SLCT

SCREW HOLES

HOLE21 *SCREW
HOLE5 *SCREW
HOLE12 *SCREW
HOLE2 *SCREW
HOLE22 *SCREW

HOLE8 *SCREW
HOLE19 *SCREW
HOLE3 *SCREW
HOLE6 *SCREW
HOLE9 *SCREW

HOLE13 *SCREW
HOLE1 *SCREW
HOLE15 *SCREW
HOLE23 *SCREW
HOLE18 *SCREW

HOLE24 *SCREW
HOLE10 *SCREW
HOLE7 *SCREW
HOLE11 *SCREW
HOLE14 *SCREW

EMI FENSES

P12, P15, P6, P50, P8, P9, P41, P17, P38, P54, P51, P62, P64, P37, P42, P11, P47, P27, P32, P66, P22, P19, P16, P10, P74, P73, P77, P29, P48, P63, P4, P49, P72, P75, P7, P20, P76, P18, P25, P23, P24, P14, P31, P28, P43, P21, P13, P44, P3, P36, P65

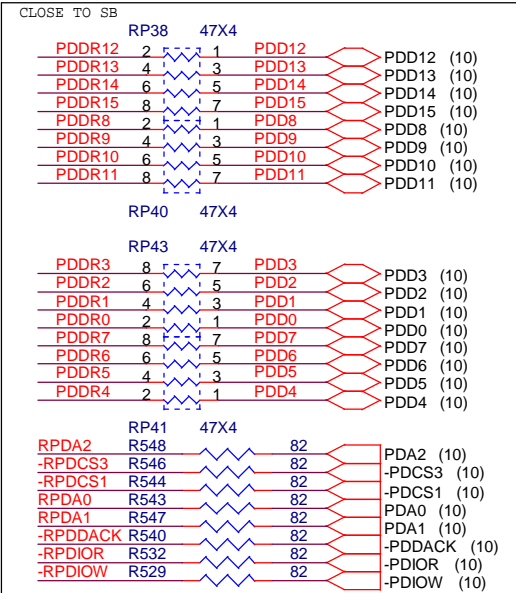
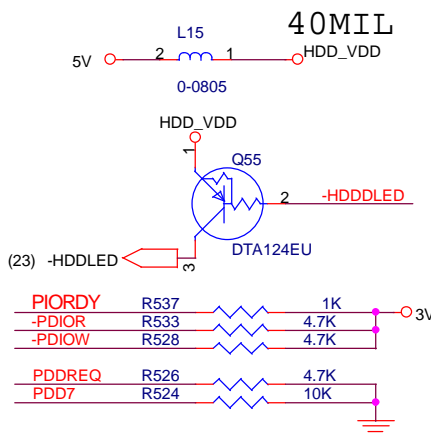
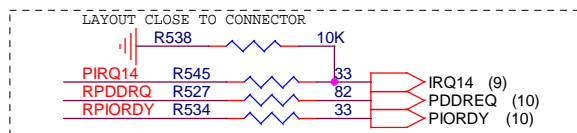
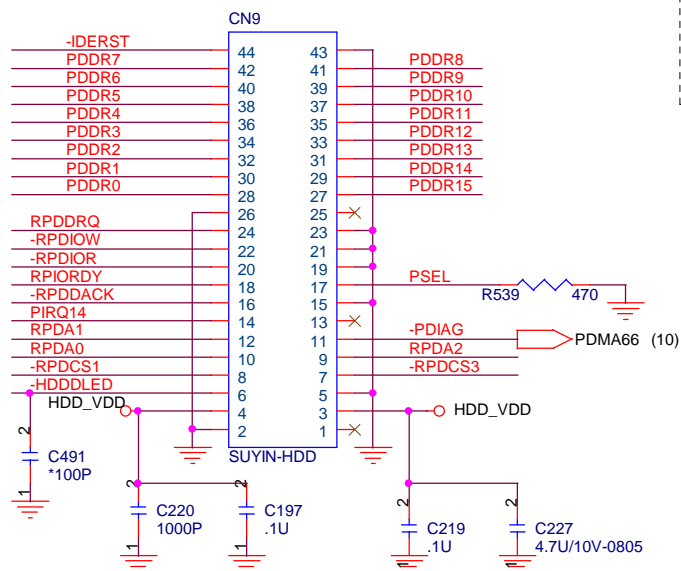
THERMAL MODULE NUT

HOLE4 *SCREW
HOLE20 *SCREW
HOLE16 *SCREW
HOLE17 *SCREW

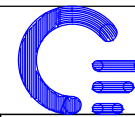
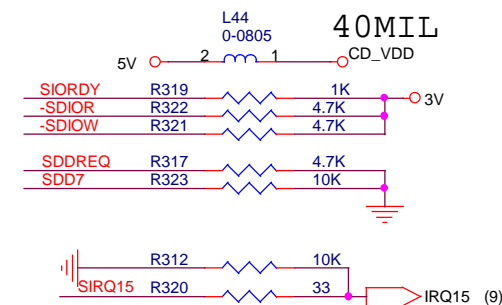
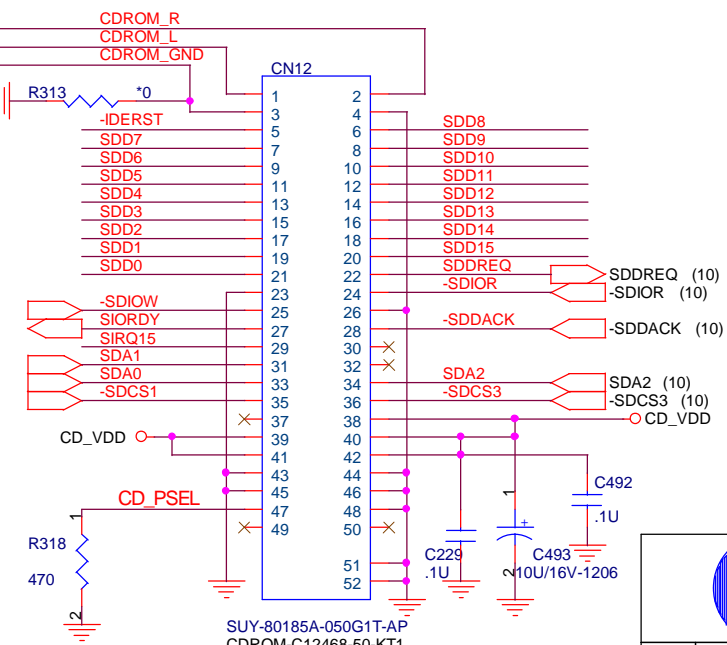
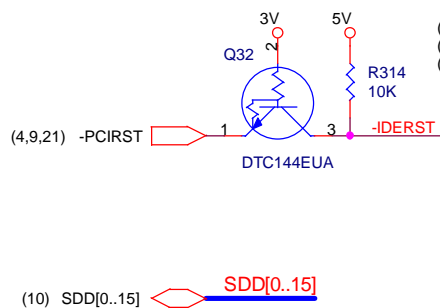
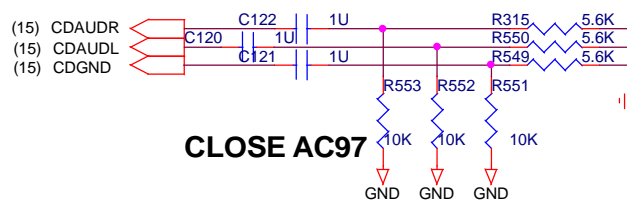
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Date: Tuesday, July 30, 2002 Sheet 19 of 34 Rev 2A

HDD CONNECTOR



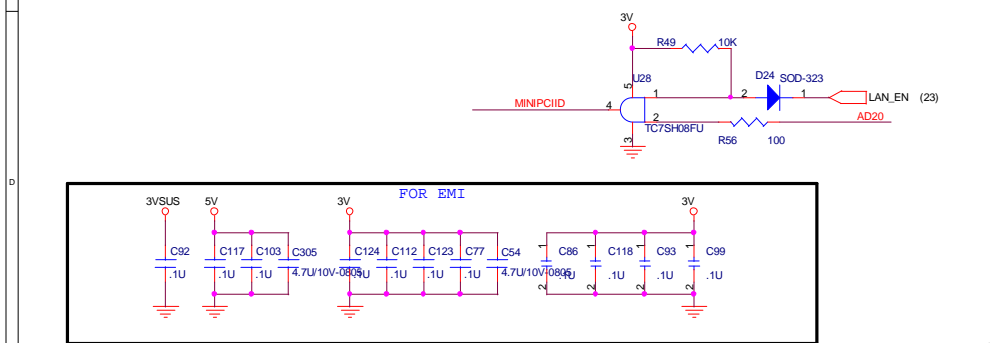
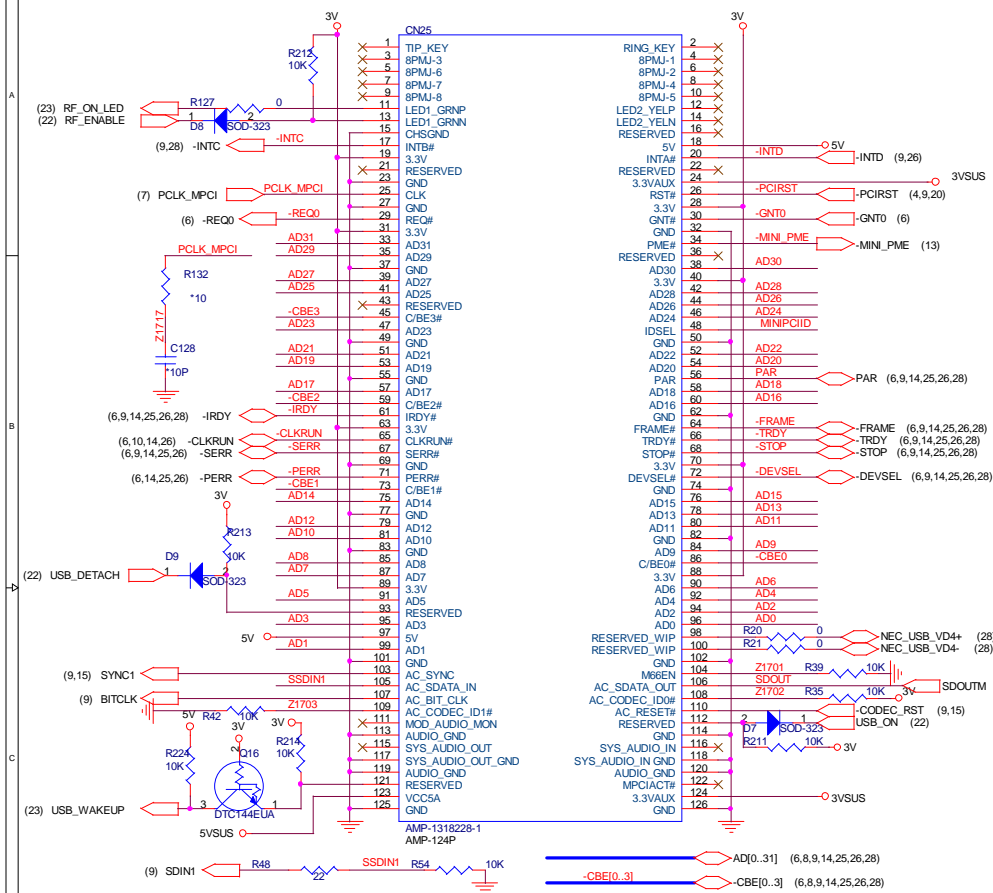
CD-ROM CONNECTOR



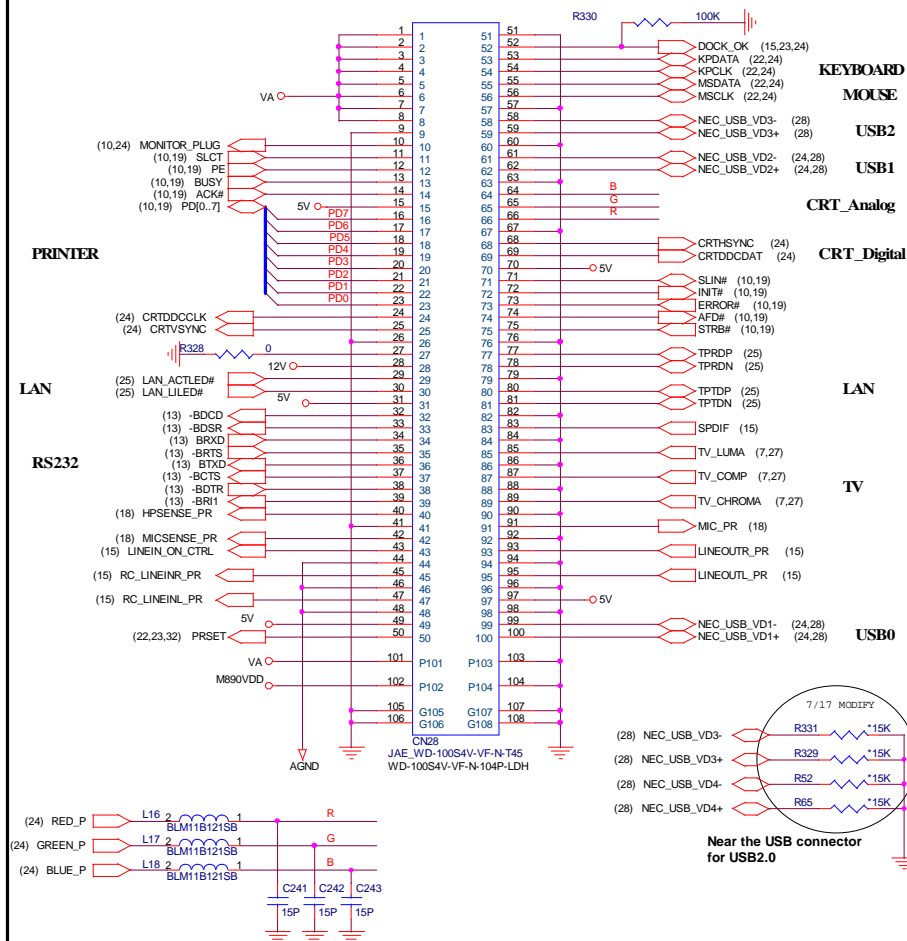
PROJECT : KT7
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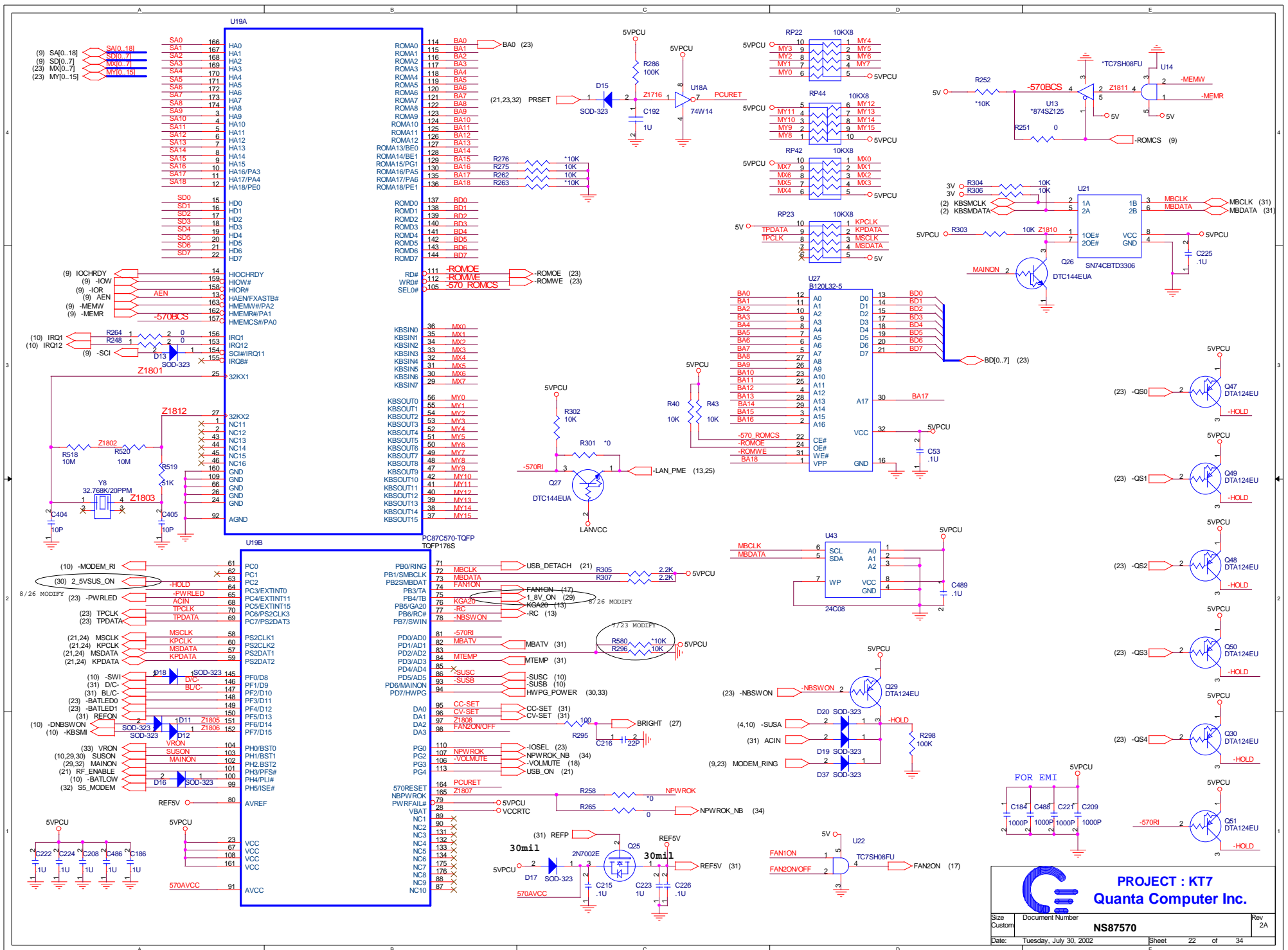
| | | |
|--------|------------------------|----------------|
| Size | Document Number | Rev |
| Custom | CD-ROM/HDD CONNECTOR | 2A |
| Date: | Tuesday, July 30, 2002 | Sheet 20 of 34 |

TYPE III MINI PCI SOCKET

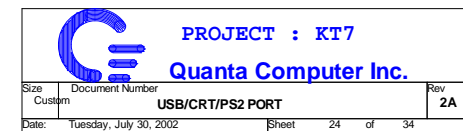
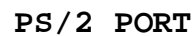
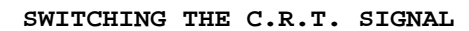


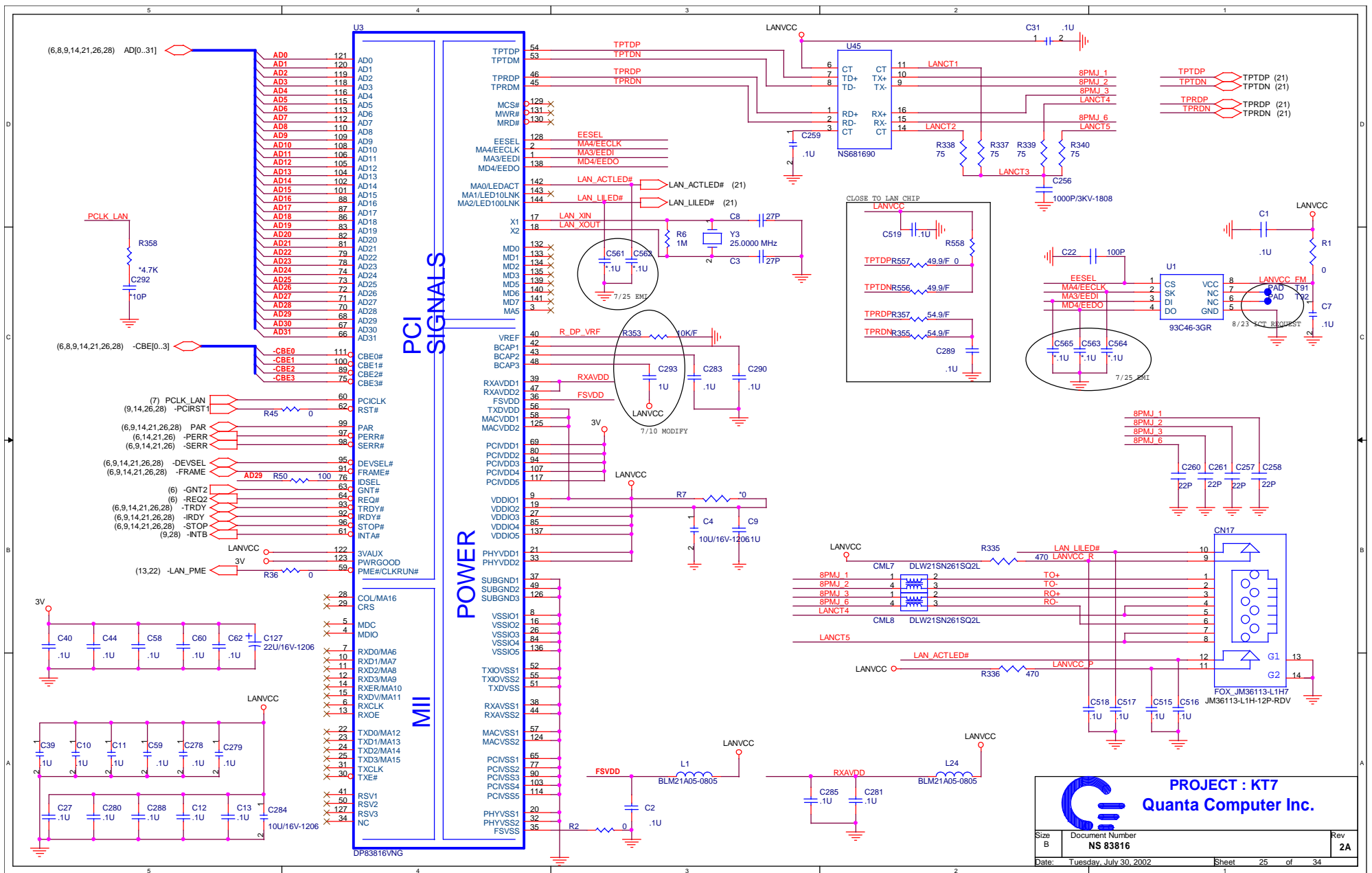
PORT REPLICATOR Connector

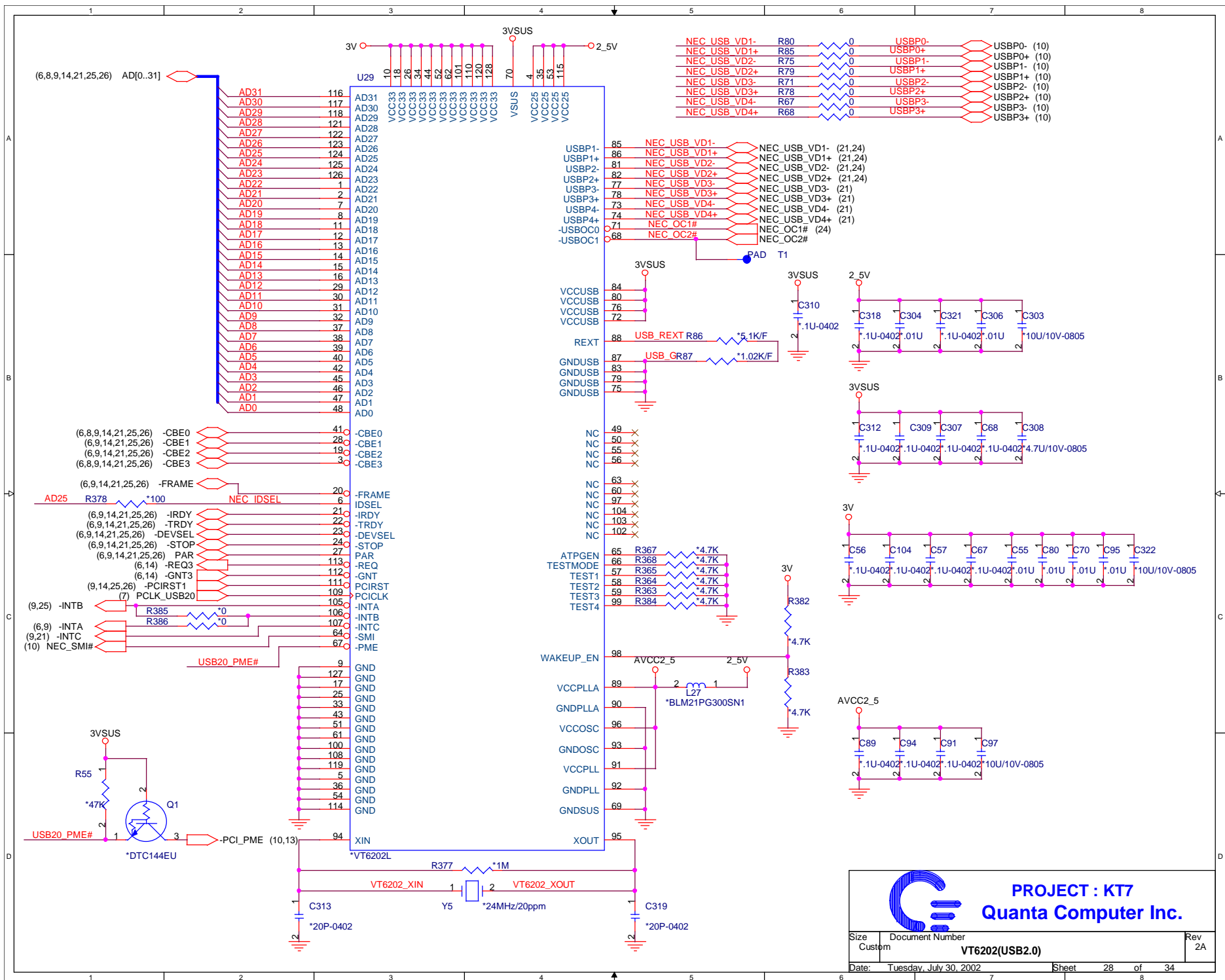


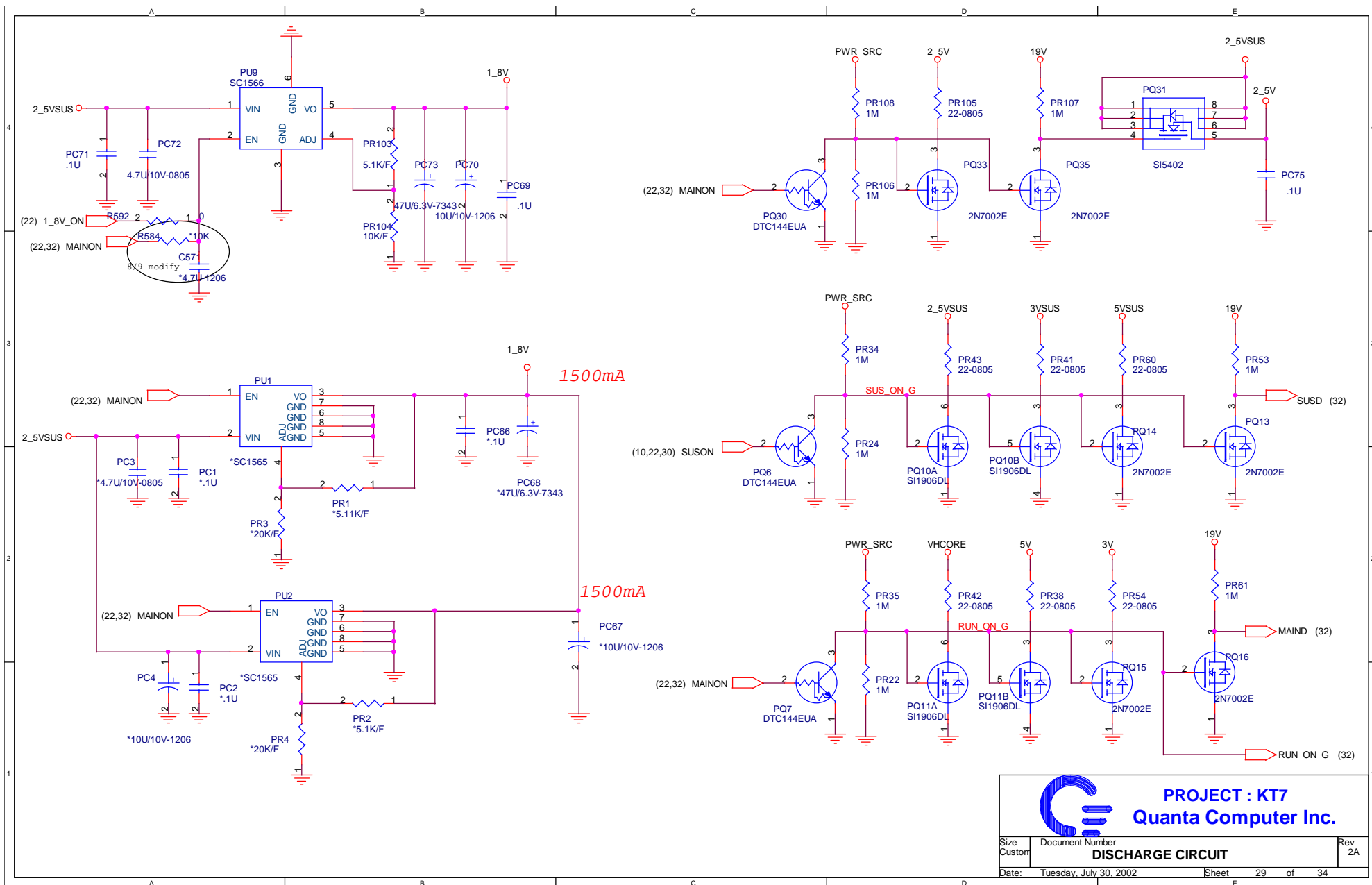


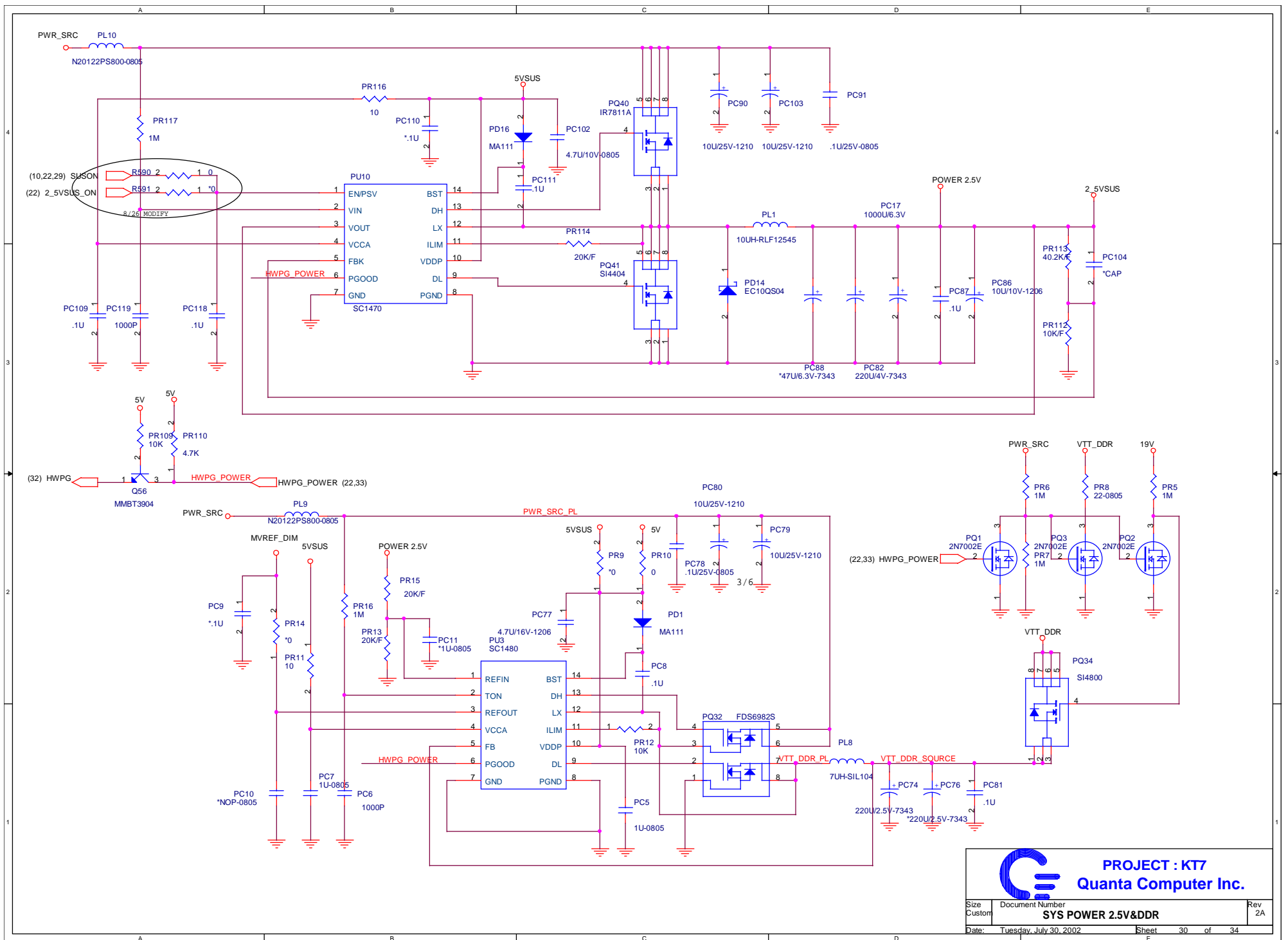
USB POWER

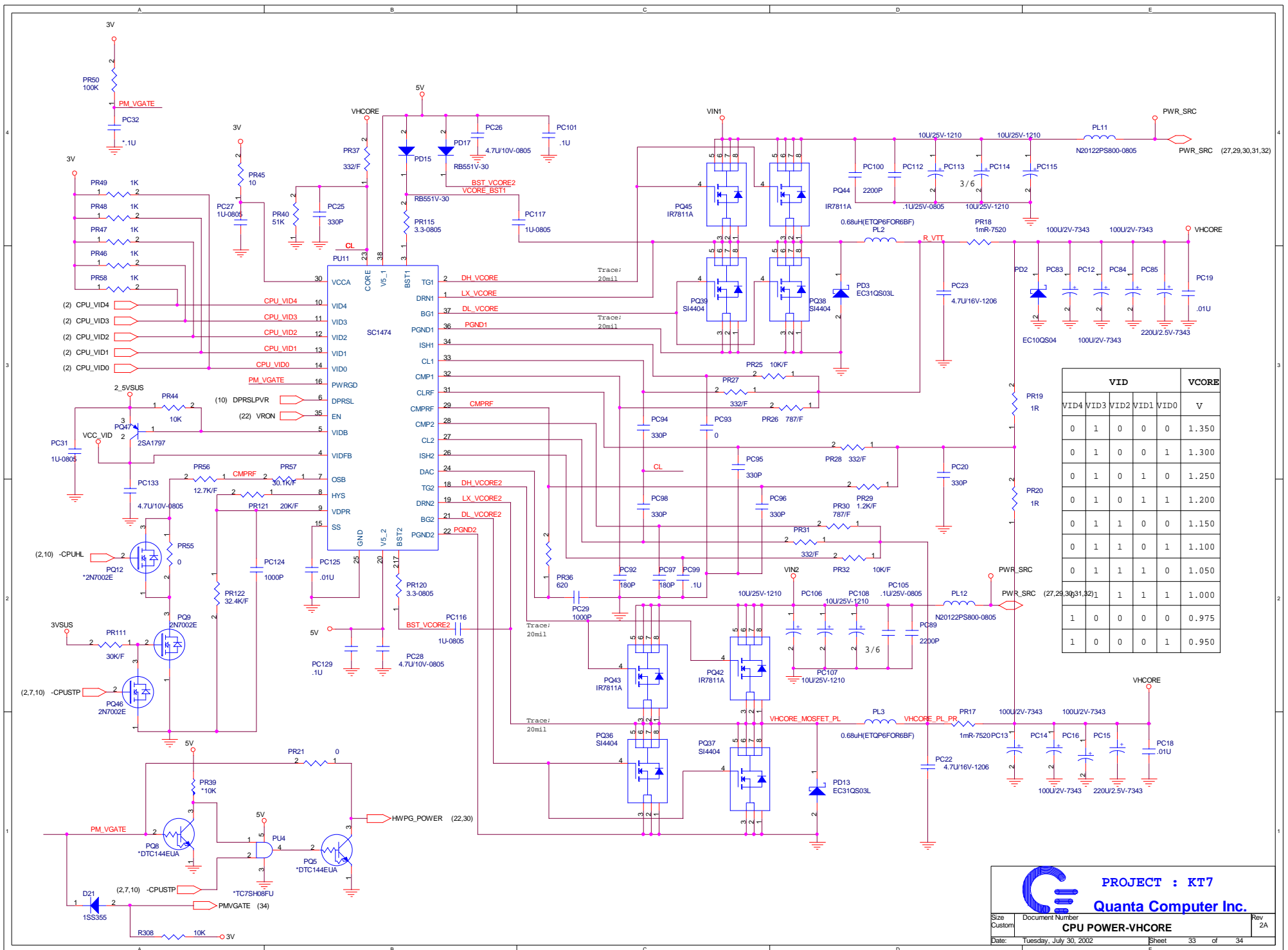


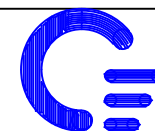
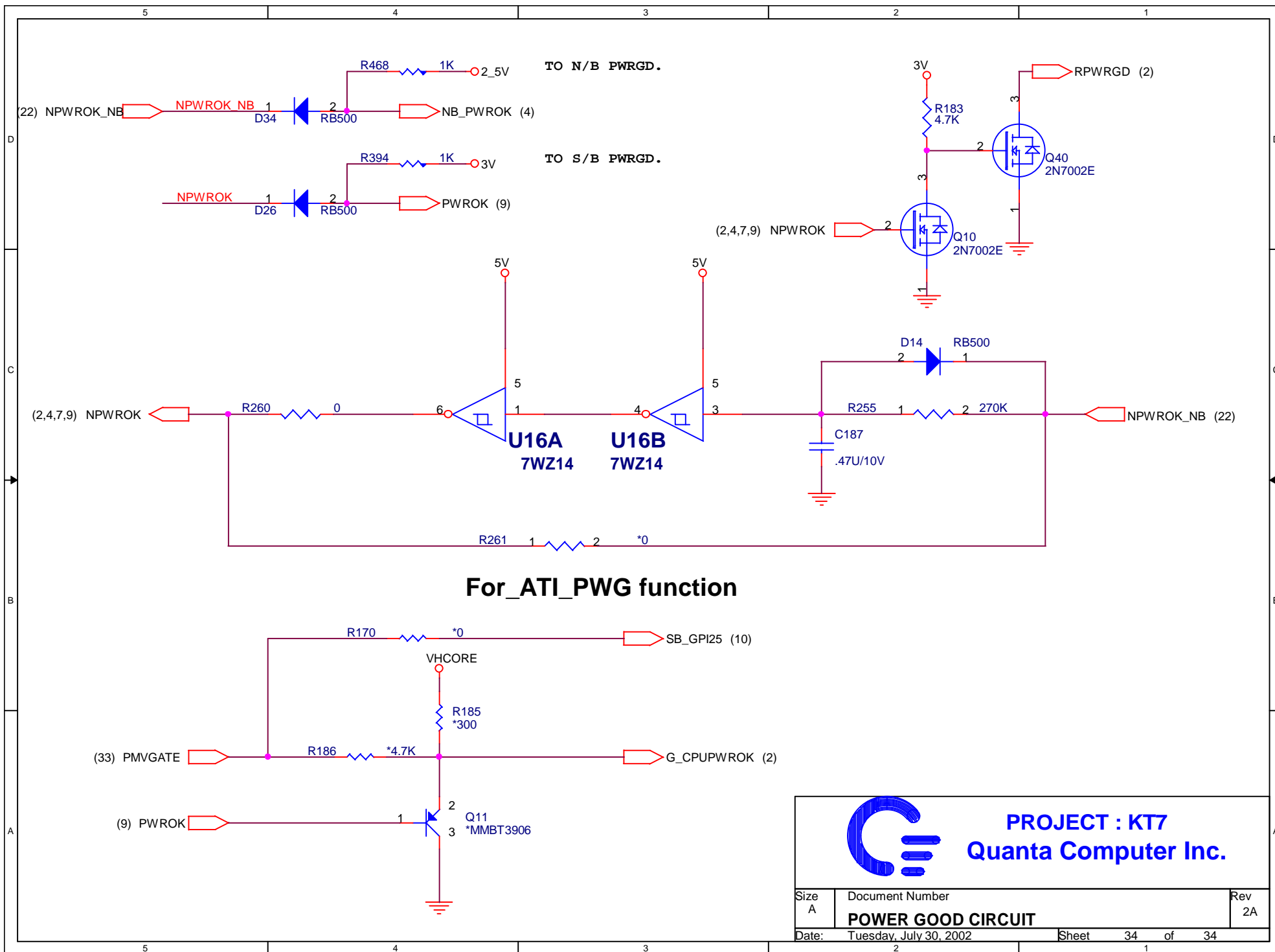












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| | | |
|---------------------------------|--|-----------|
| Size A | Document Number POWER GOOD CIRCUIT | Rev 2A |
| Date: Tuesday, July 30, 2002 | Sheet 34 | of 34 |