

5V / 3.3V / 12V

Page : 35

1.8V / 0.9V

Page : 36

1.5V / 1.05V / 1.8V

Page : 37

CPU CORE

Page : 34

+1.2V

Page : 38

BATTERY CHARGER

Page : 39

BATTERY SELECT

Page : 40

5VPCU
3V_ALWAYS
+12V
+5V
3V_S5

3VSUS
5VSUS

2.5VSUS
+2.5V

+1.8V
MVREF_DM

SMDDR_VTERM

1.5V_S5
+1.5V

AGP_VCC (+1.5V)

1.2VCCT
VTT

VCC_CORE

VGA_CORE

2.5V_VGA

CLOCK GEN
ICS

ICS954217

Page : 2

Centrino

DOTHAN
CELEROM-M

INTEL Mobile 479 CPU Page : 3 , 4

CRANE3 (ZL7)

ED@ INT. VGA WITH DOCK
ID@ INT. VGA WITH DOCK
ND@ W/O DOCKING要打

BOM MARK

E@ EXT VGA 要打
I@ INTVGA 要打
SA@ SATA 要打
F@ FIXED ODD要打
SW@ SWAPPABLE ODD 要打
3@ 3in1 要打
N@ NEW CARD 要打
4@ 4401 要打
5@ 5788M 要打
D@ DOCKING 要打

SWITCH
CIRCUIT

CRT
Page:17

LVDS
Page:16

TV-OUT
Page:16

ALVISO
1257 BGA

Page : 5 ~ 8

DDR2-SODIMM1
Page:9~10

DDR2-SODIMM2
Page:9~10

SATA - HDD
Page:21

IDE - HDD
Page:21

IDE-ODD
Page:21

MEDIA BAY
Page:21

AUDIO CODEC
CONEXANT

20468-31
Page:27

AMP
MAX9755

Page:28

MODEM
CONEXANT

20493-21
Page:27

MIC IN
Page:27

LINE IN
Page:27

SPEKER
Page:28

LINE OUT
Page:28

RJ11
Page:27

DOCKING
PS2
Page:33

Touchpad
Page:30

Keyboard
Page:30

IrDA
Page:31

DOCKING
Print Port
Page:33

DOCKING
COM Port
Page:33

CIR
Page:33

SYSTEM 3
USB PORT
Page : 22

DOCKING 2
USB PORT
Page : 22

MINI-USB
Page: 22

PCI ROUTING TABLE

IDSEL

INTERUPT

DEVICE

REQ0# / GNT0#
REQ2# / GNT2#
REQ1# / GNT1#
REQ3# / GNT3#

AD24 INTA#
AD19 INTB# , INTD#
AD17 INTC#, INTD#, INTA#
AD18 INTB# , INTD#

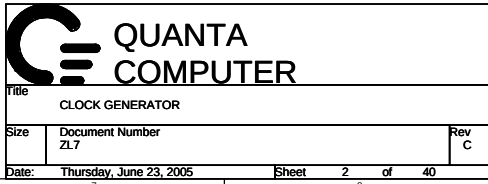
BROADCOM LAN
MINI-PCI
TI 7411
MINI-PCI(TV Tuner)

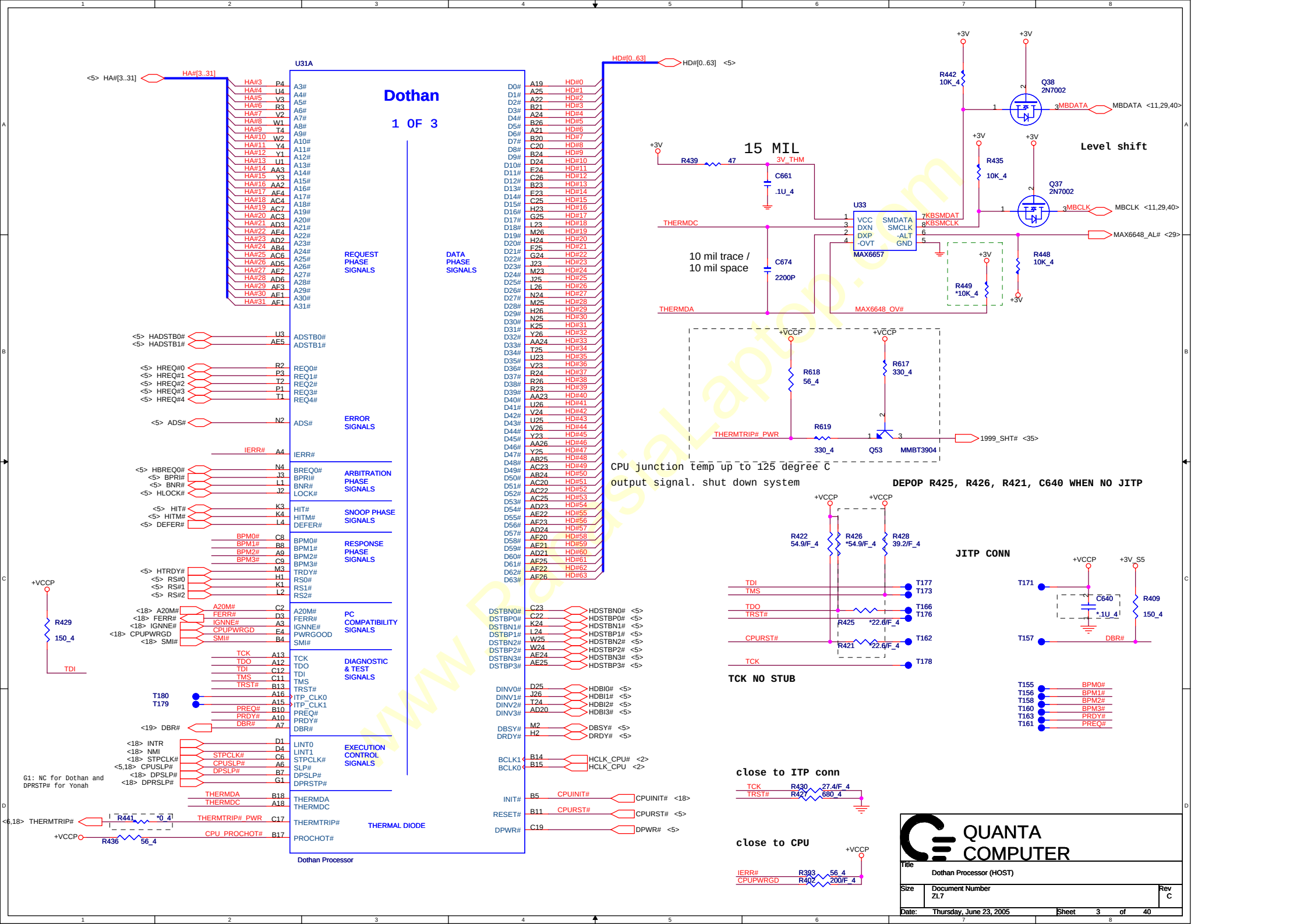
REV. C

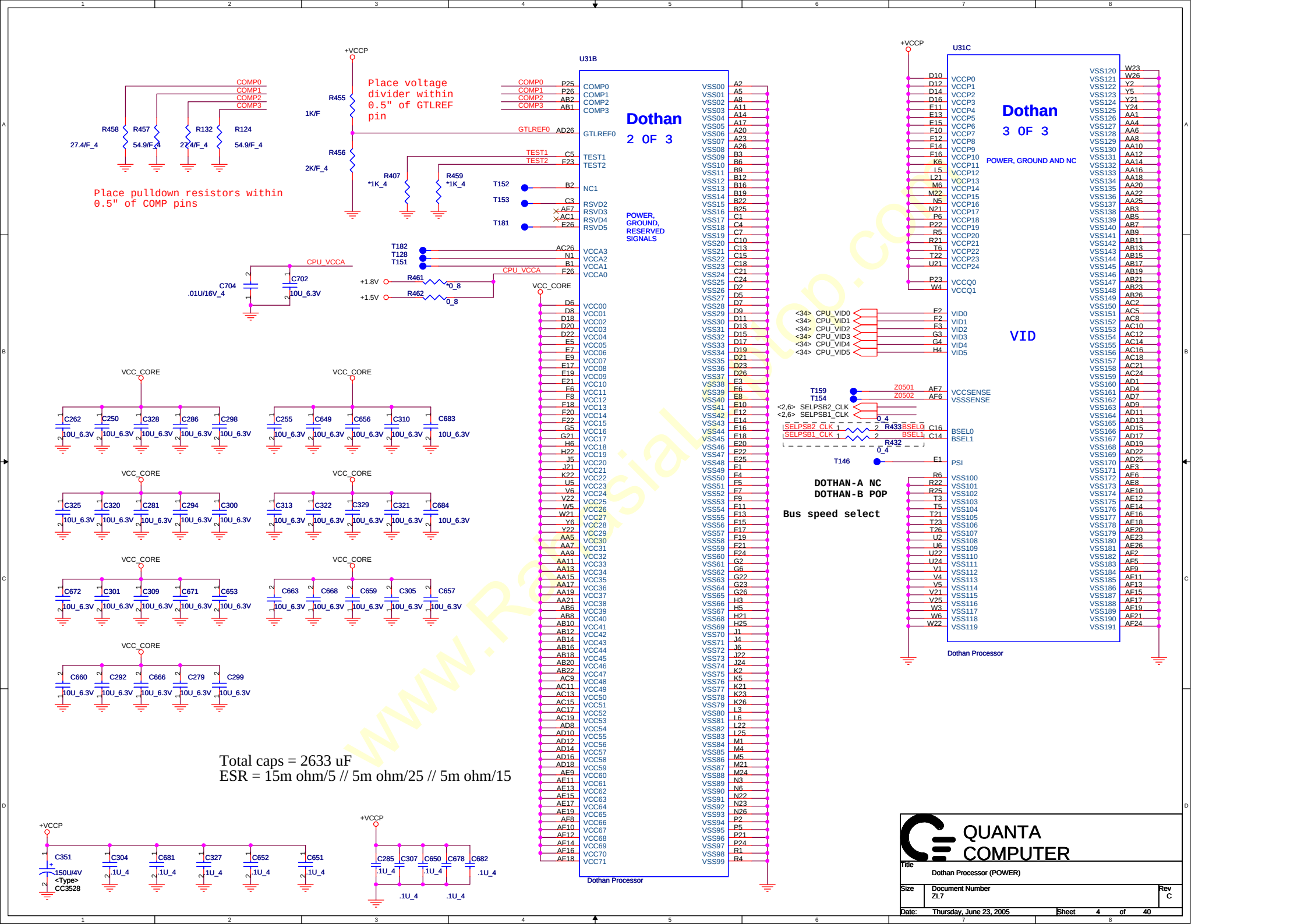


PROJECT : ZL7
Quanta Computer Inc.

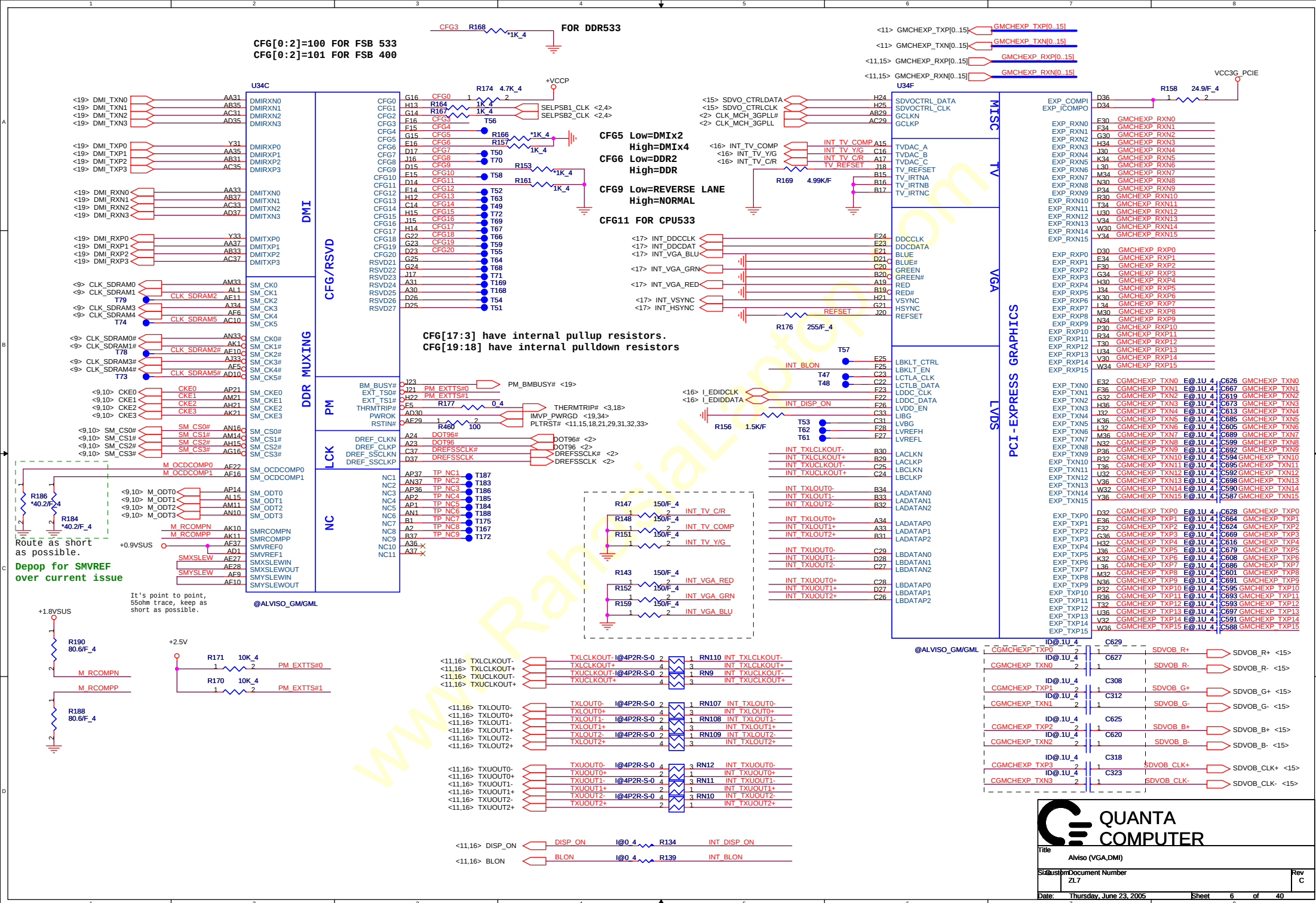
Size Document Number
BLOCK DIAGRAM
Date: Thursday, June 23, 2005 Sheet 1 of 40 Rev C







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AF23	VSS136	AC37
H23	VSS137	Y37
AL22	VSS138	V37
AM22	VSS139	T37
J22	VSS140	P37
E22	VSS141	M37
D22	VSS142	K37
A22	VSS143	H37
AN21	VSS144	E37
AF21	VSS145	AN36
F21	VSS146	AL36
C21	VSS147	AJ36
AK20	VSS148	AE36
V20	VSS149	AC36
G20	VSS150	AD36
F20	VSS151	AB36
E20	VSS152	AA36
D20	VSS153	CA36
AD0	VSS154	CB36
AN19	VSS155	AE35
AG19	VSS156	Y35
W19	VSS157	W35
T19	VSS158	V35
J19	VSS159	U35
H19	VSS160	T35
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U18	VSS163	N35
B18	VSS164	M35
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AN17	VSS166	K35
AJ17	VSS167	J35
AF17	VSS168	I35
G17	VSS169	H35
C17	VSS170	G35
K16	VSS171	F35
H16	VSS172	E35
D16	VSS173	D35
A16	VSS174	C35
K15	VSS175	B35
C15	VSS176	AN34
AN14	VSS177	AH34
AL14	VSS178	AD34
AG14	VSS179	AC34
J14	VSS180	AB34
B14	VSS181	AA34
A14	VSS182	AL33
D12	VSS183	AD33
B12	VSS184	W33
U12	VSS185	U33
D12	VSS186	T33
B12	VSS187	R33
U11	VSS188	P33
AG11	VSS189	N33
AL11	VSS190	M33
Y11	VSS191	L33
H11	VSS192	K33
F11	VSS193	J33
AA10	VSS194	I33
Y10	VSS195	H33
L10	VSS196	G33
D10	VSS197	F33
AN9	VSS198	E33
AH9	VSS199	D33
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AC9	VSS201	AJ32
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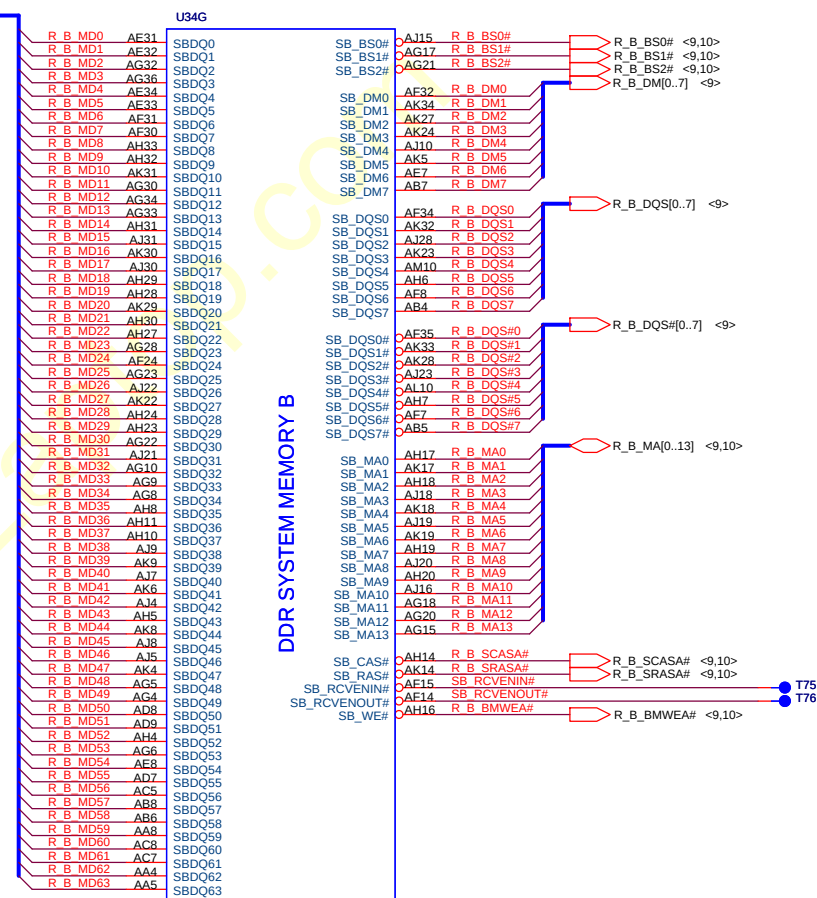
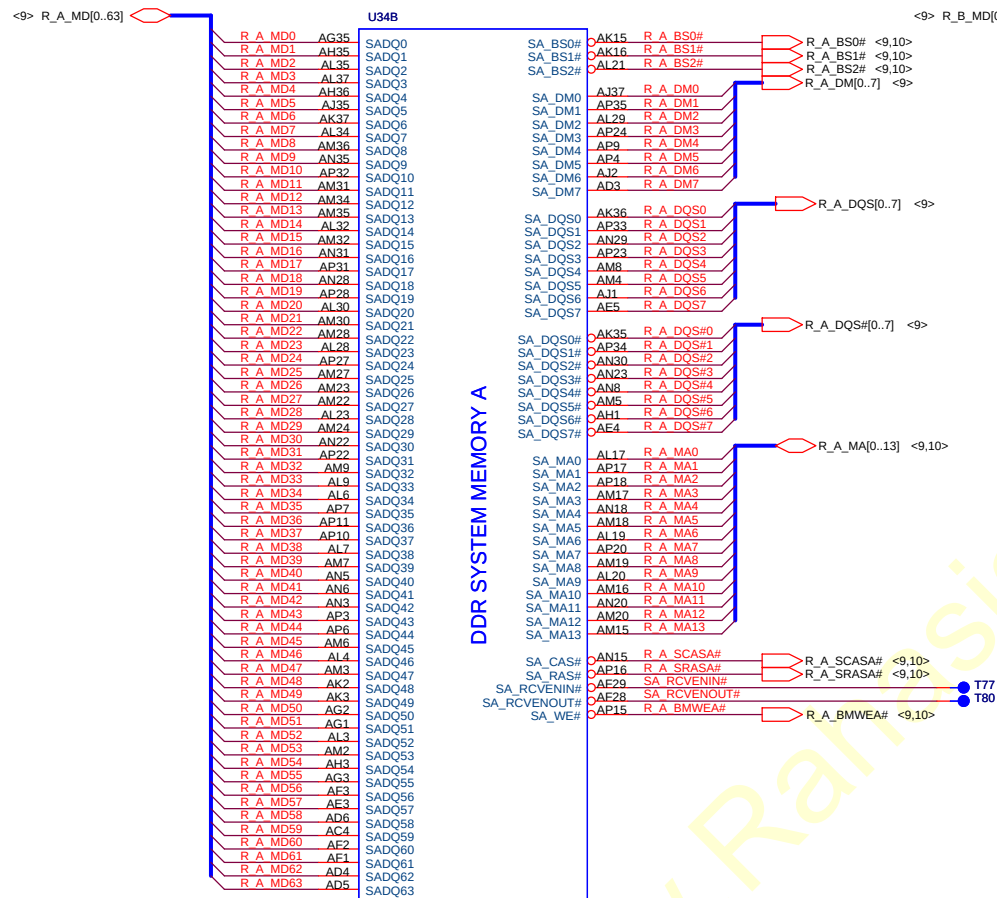


Title	Alviso (VGA.DMI)
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Date: Thursday, June 23, 2005

Rev
C



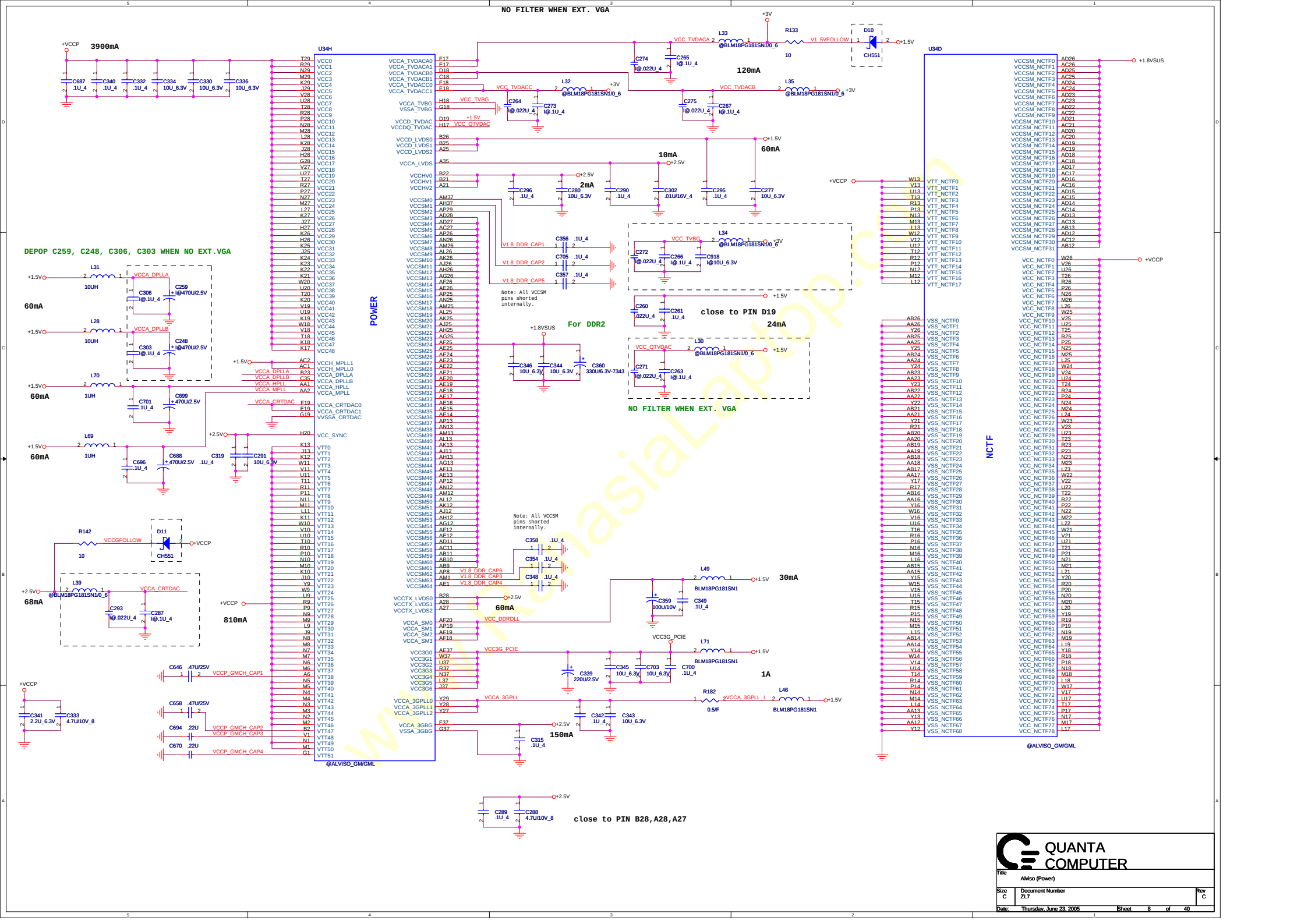
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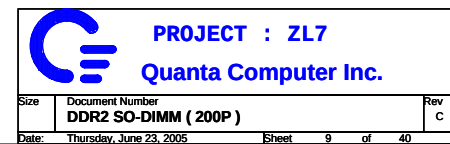
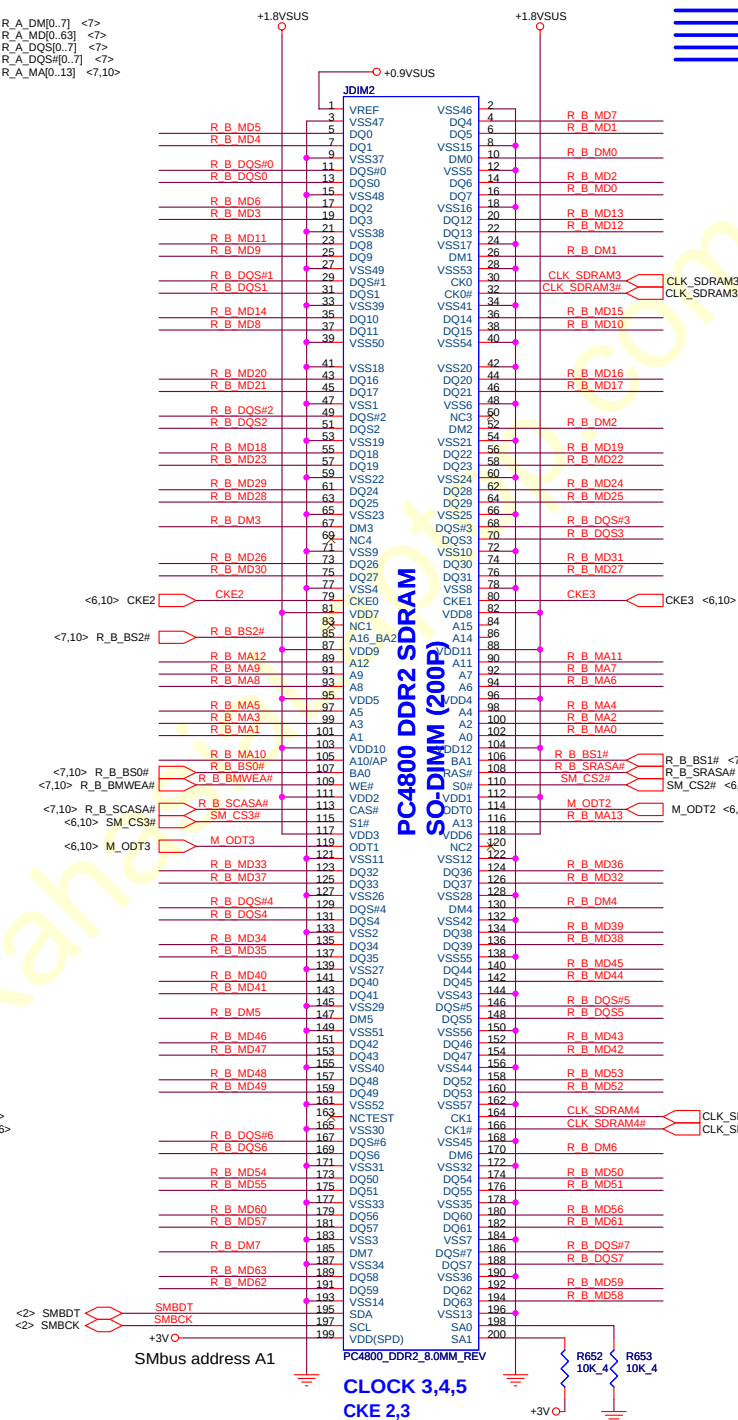
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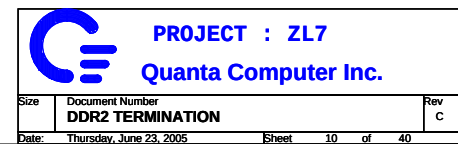
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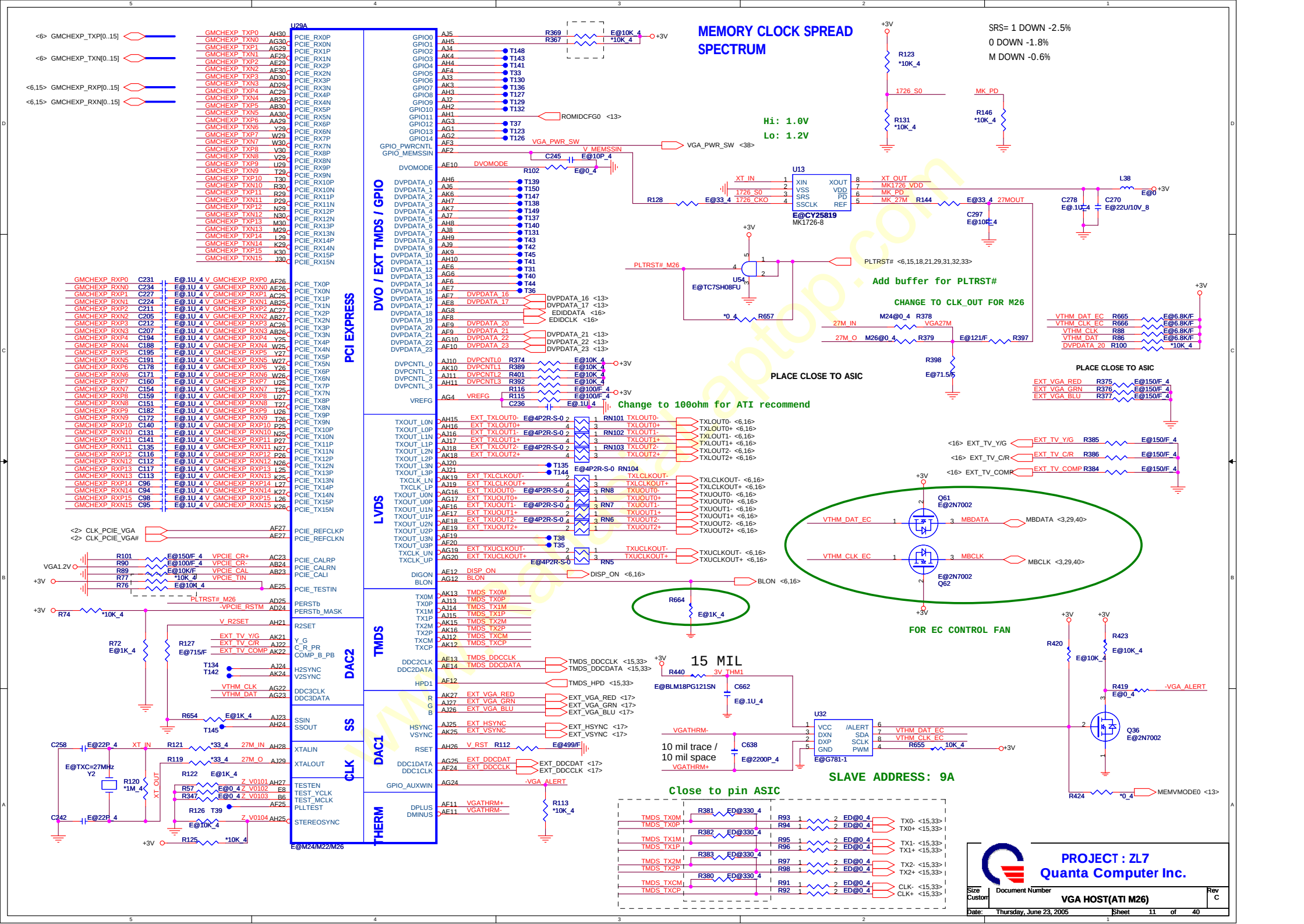
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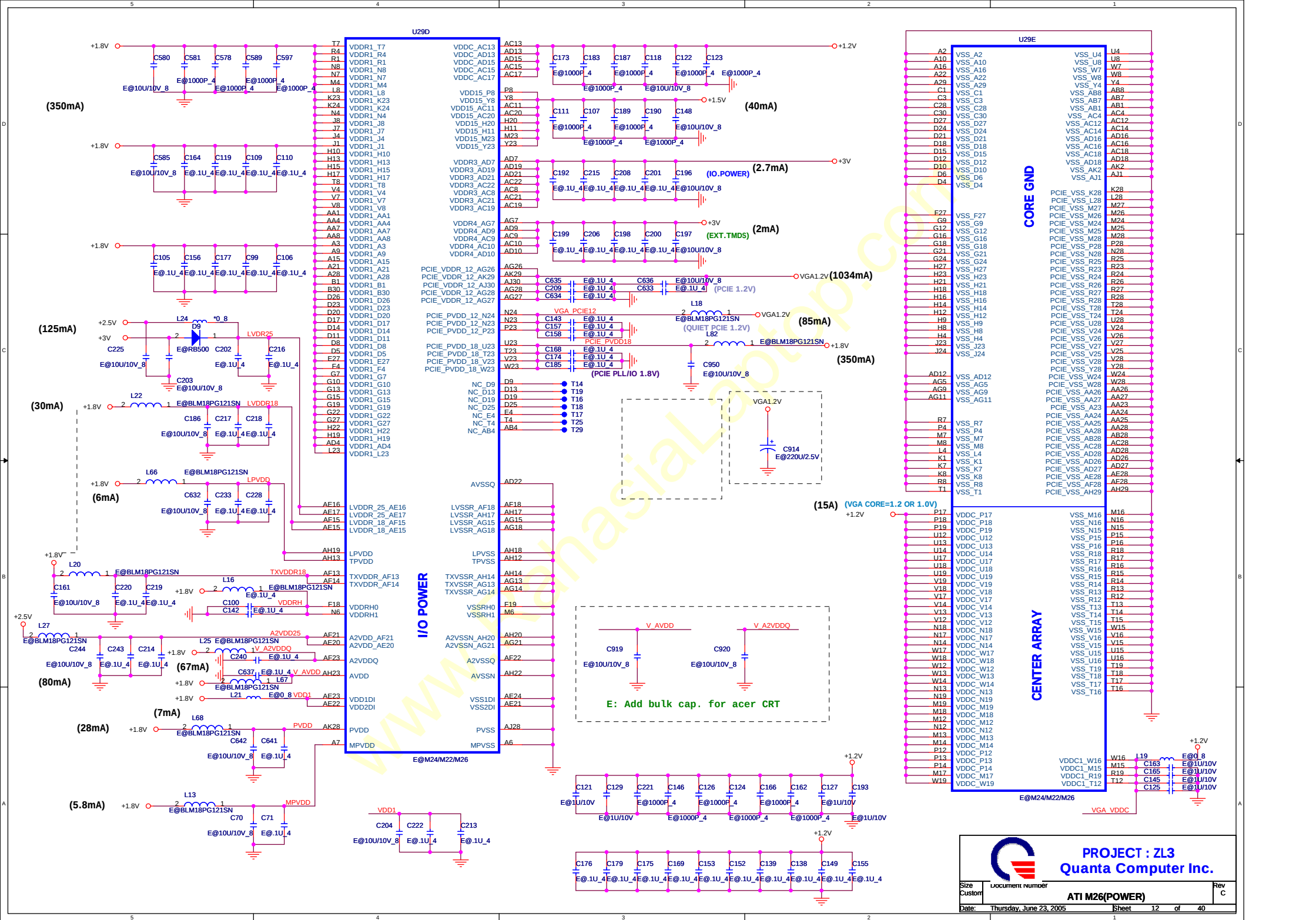
Rev C

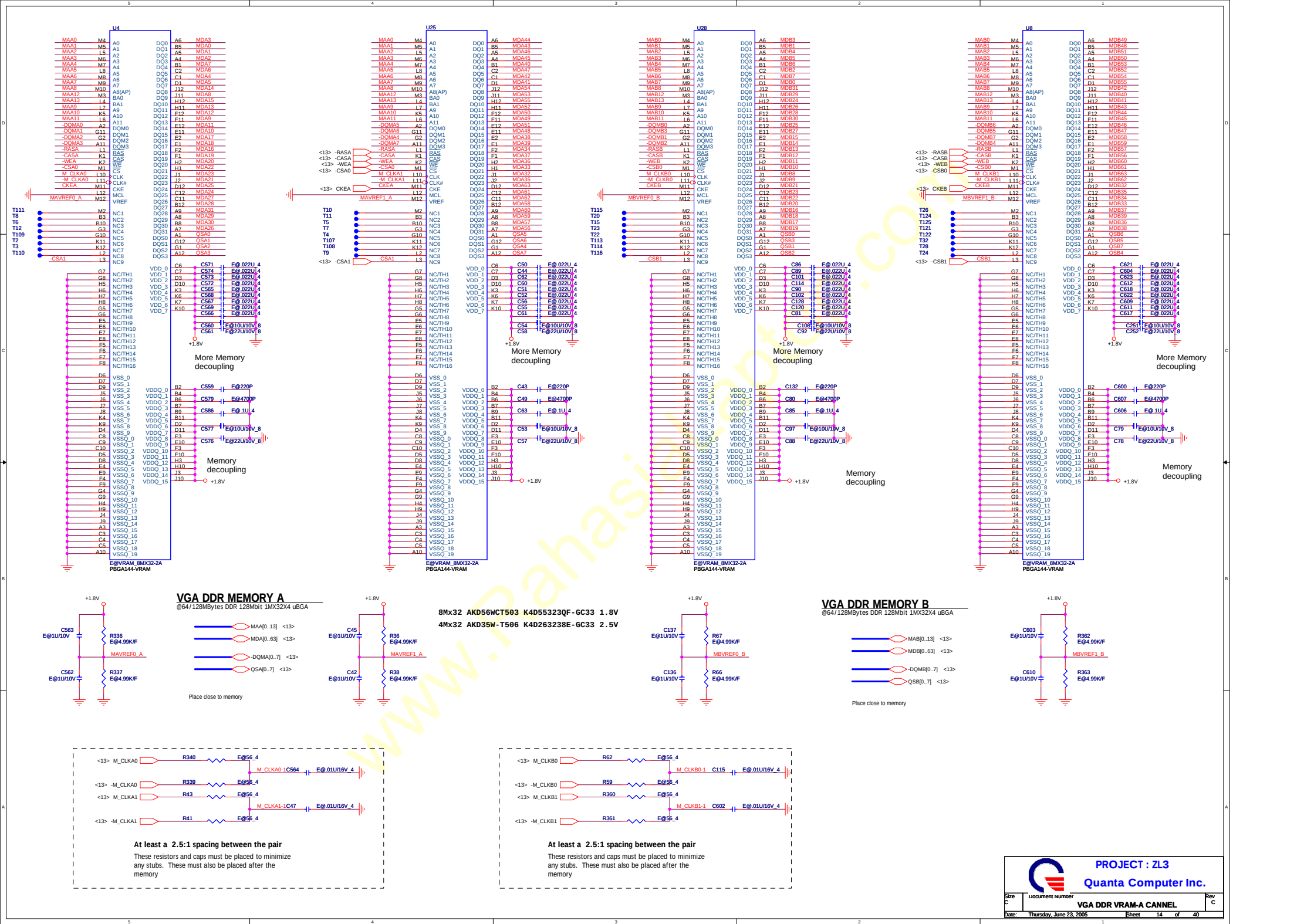


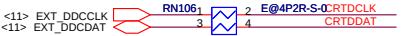
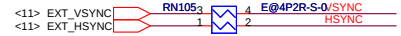
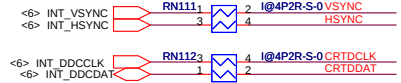




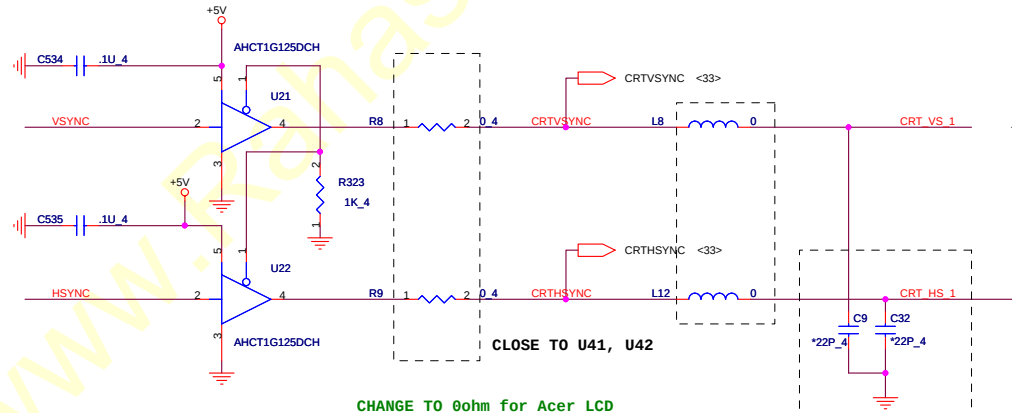
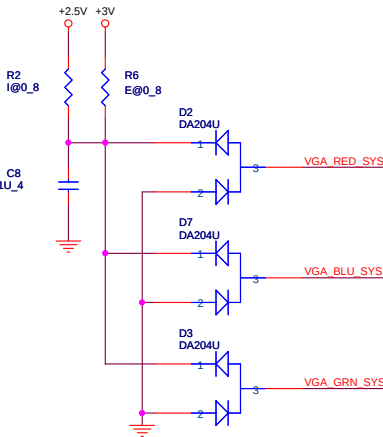
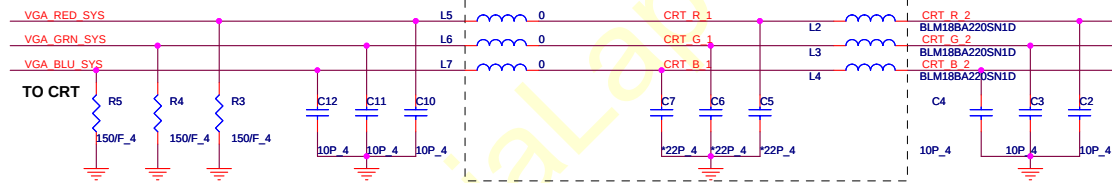
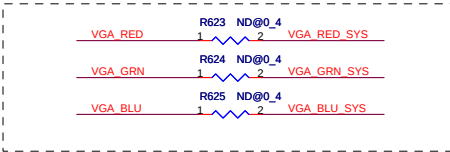
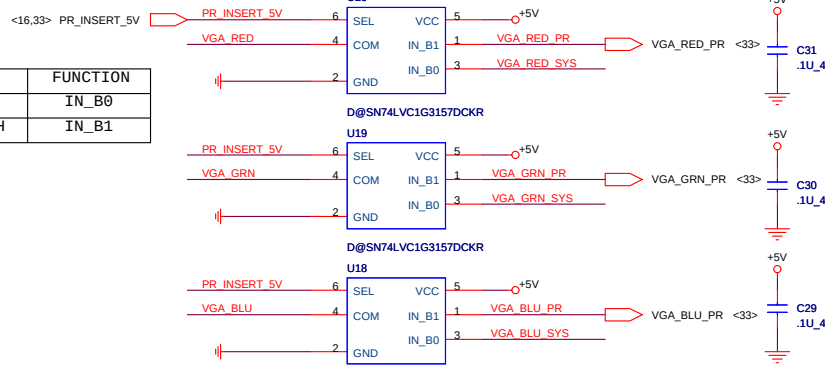




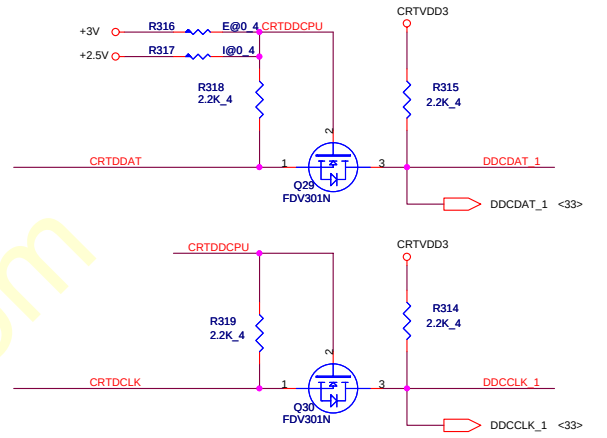




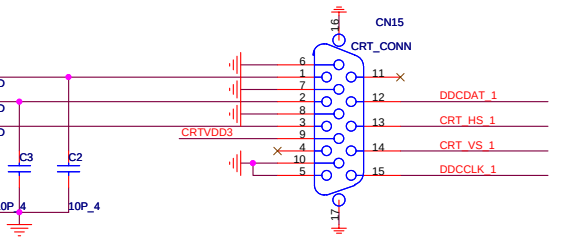
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HIGH	IN_B1

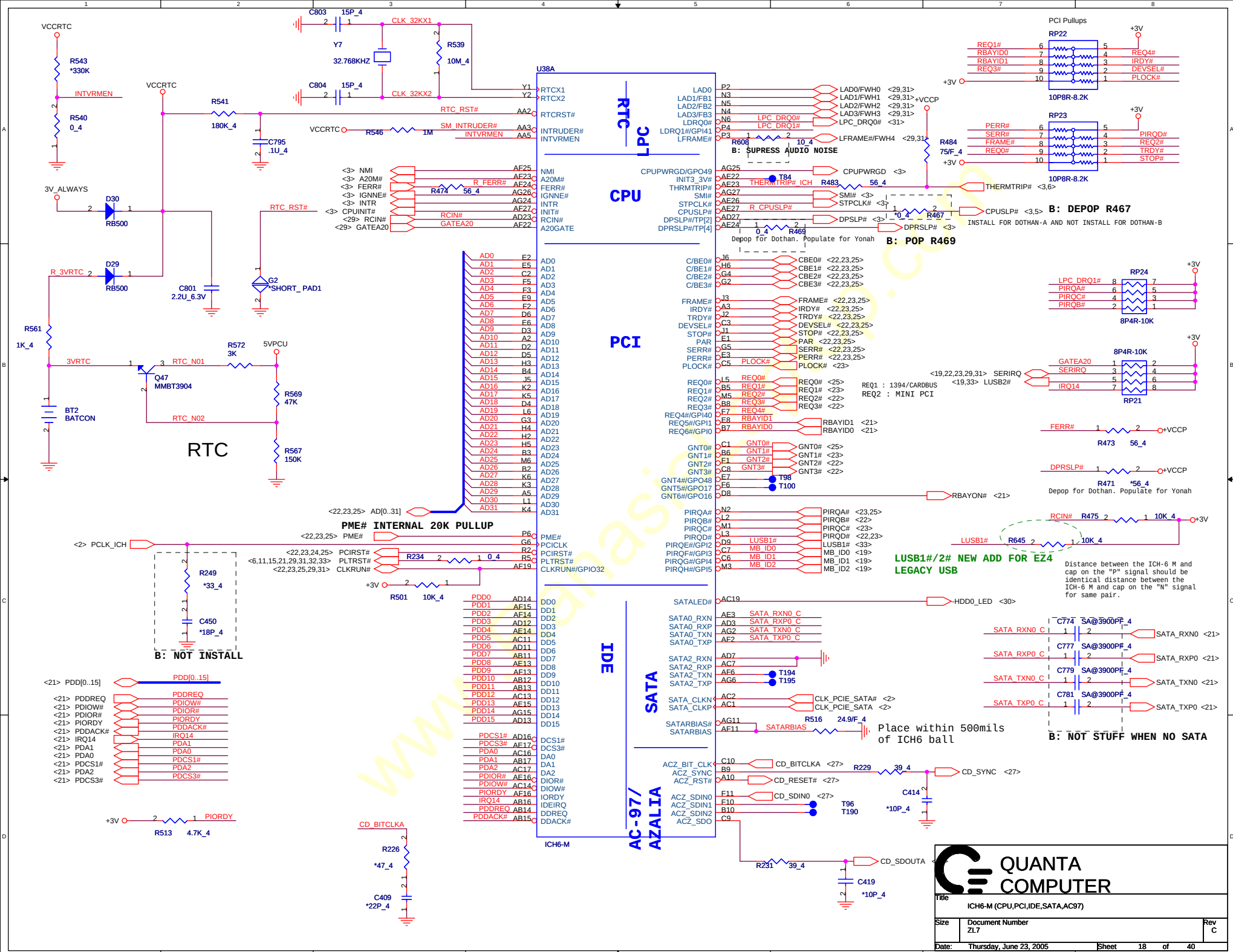


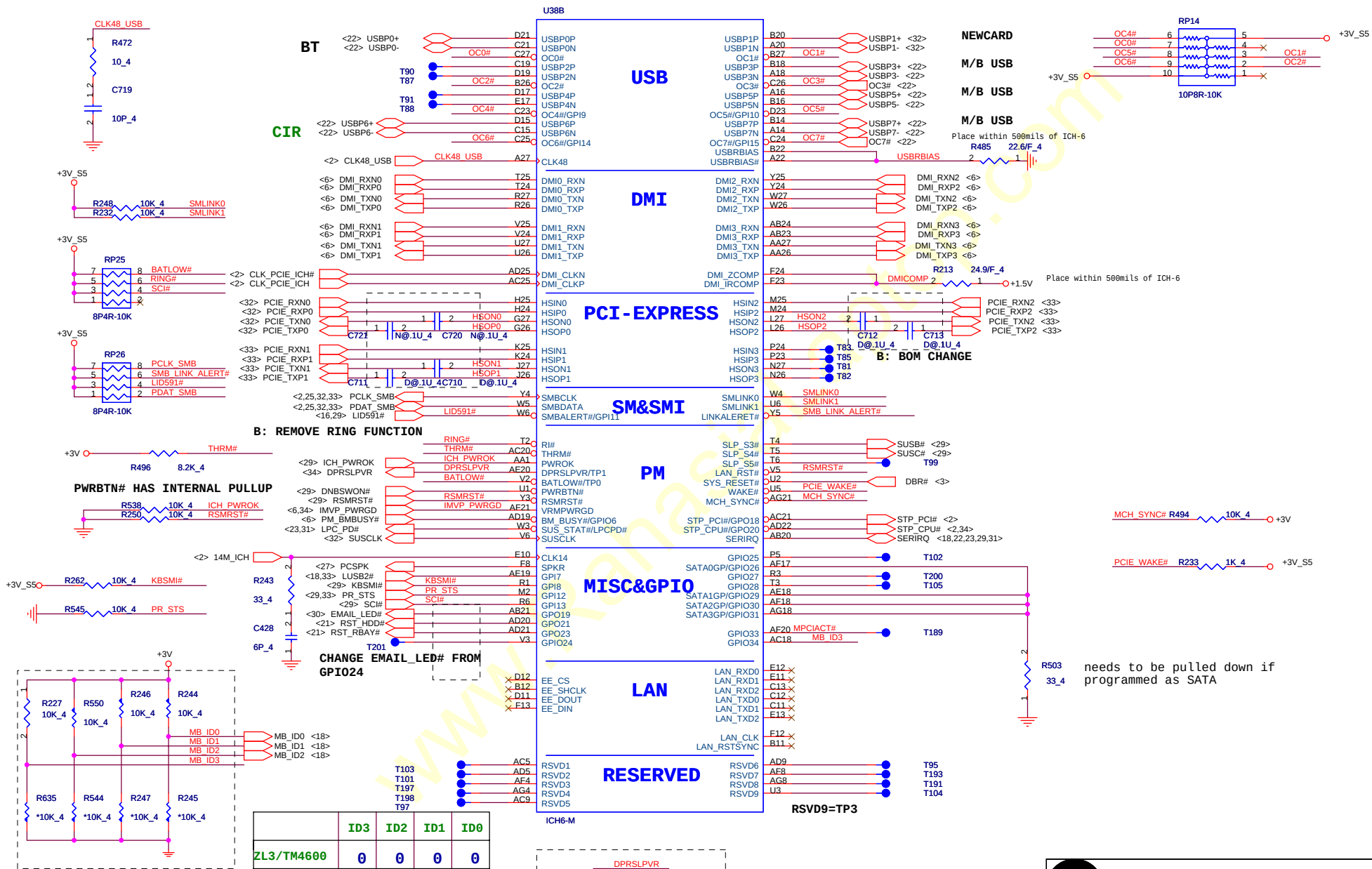
CHANGE TO 0ohm for Acer LCD



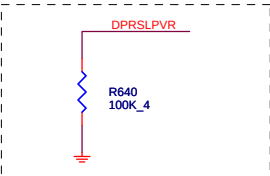
Change to FDV301N for Vgs issue.





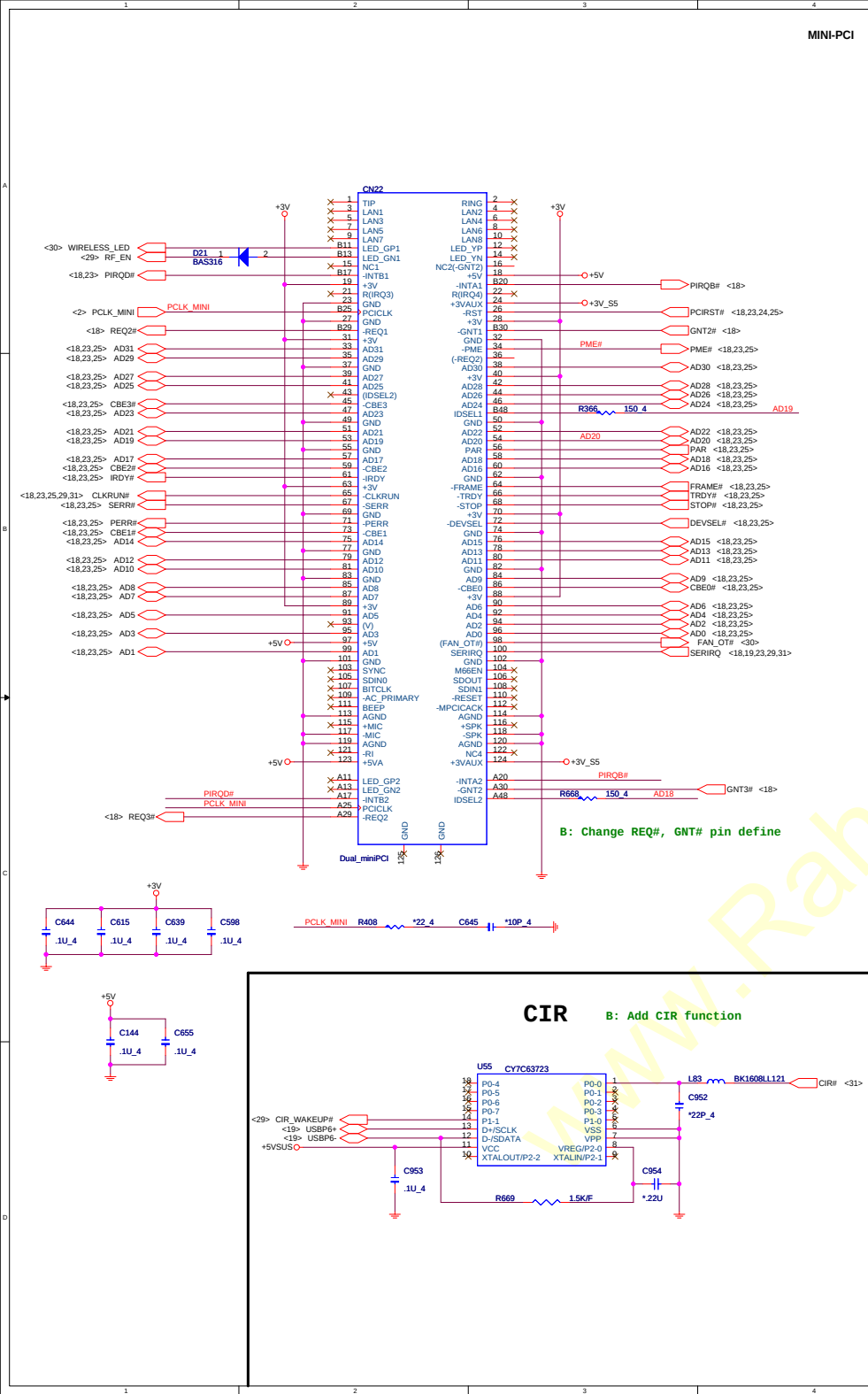


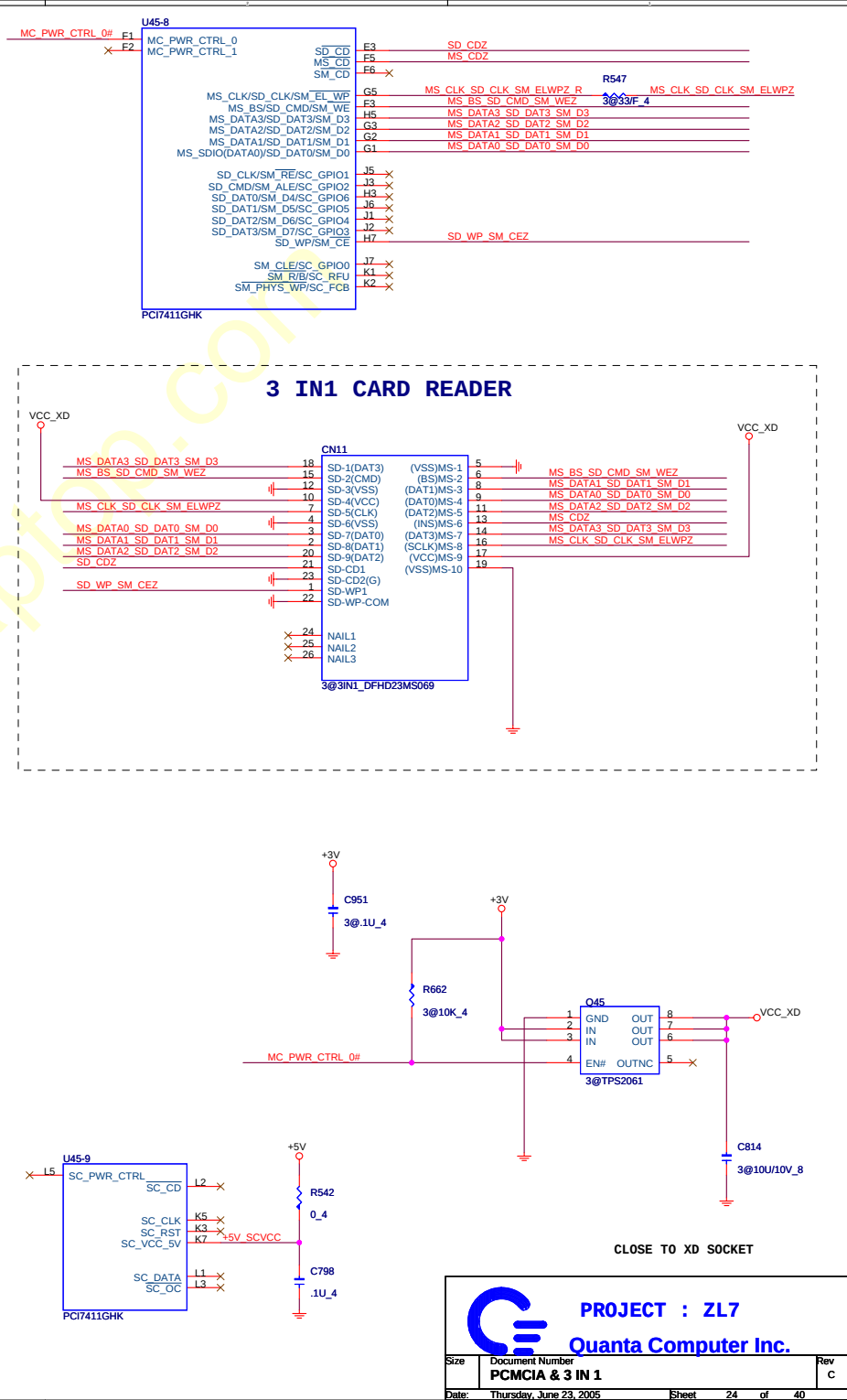
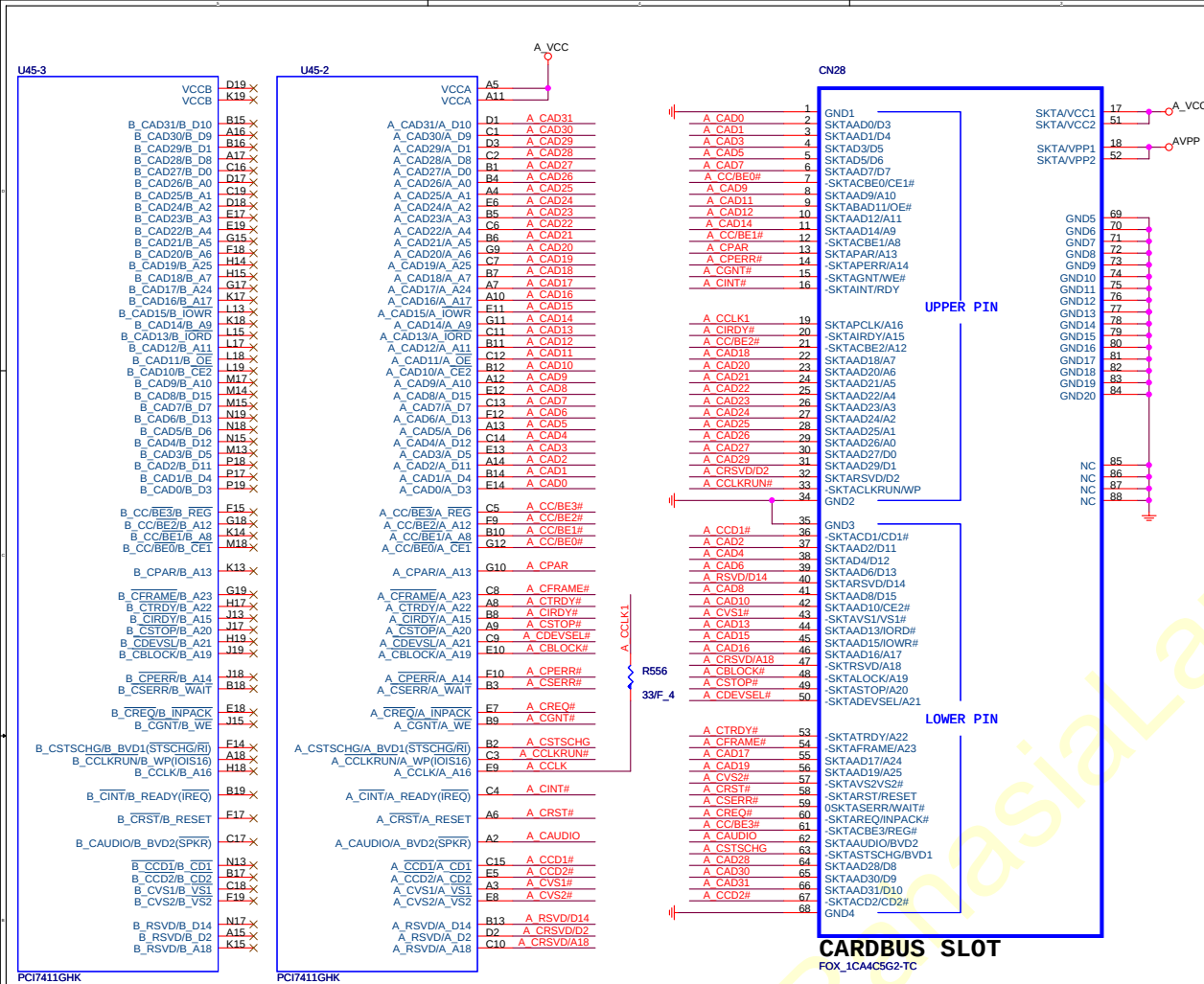
	ID3	ID2	ID1	ID0
ZL3/TM4600	0	0	0	0
ZL3B/TM4100	0	0	1	0
ZL3D/AS1690	0	1	0	0
ZL3F/AS3510	0	1	1	0
ZL3C/EX4100	1	0	1	1

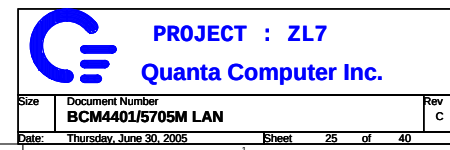


ADD PULLLOW

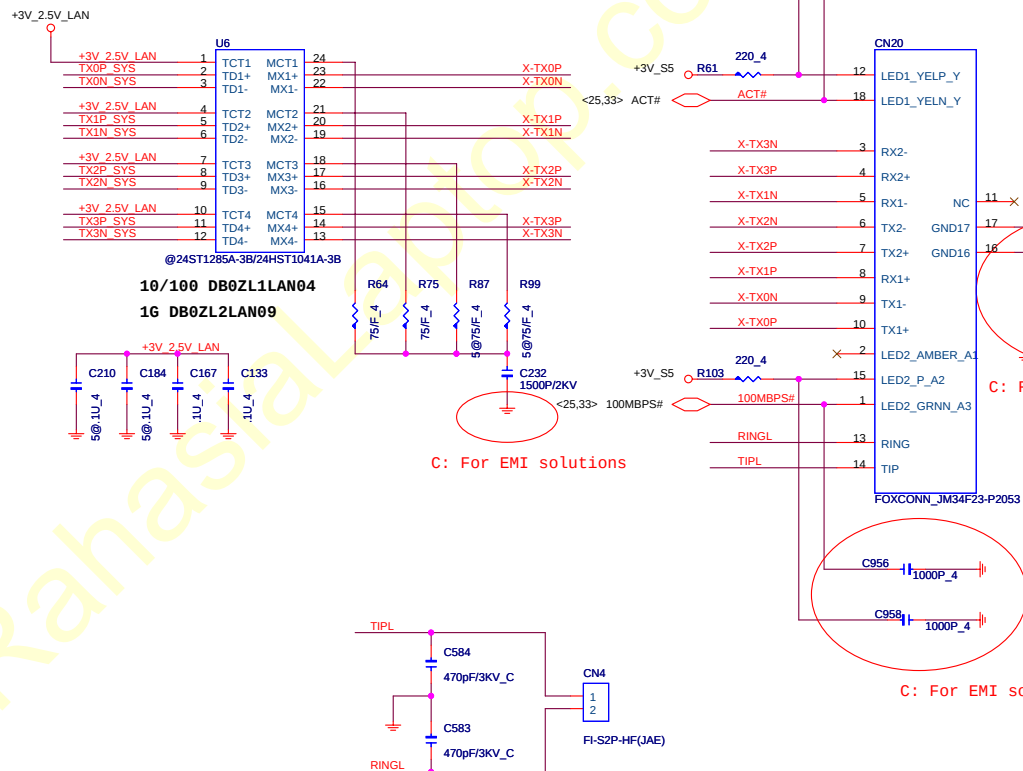




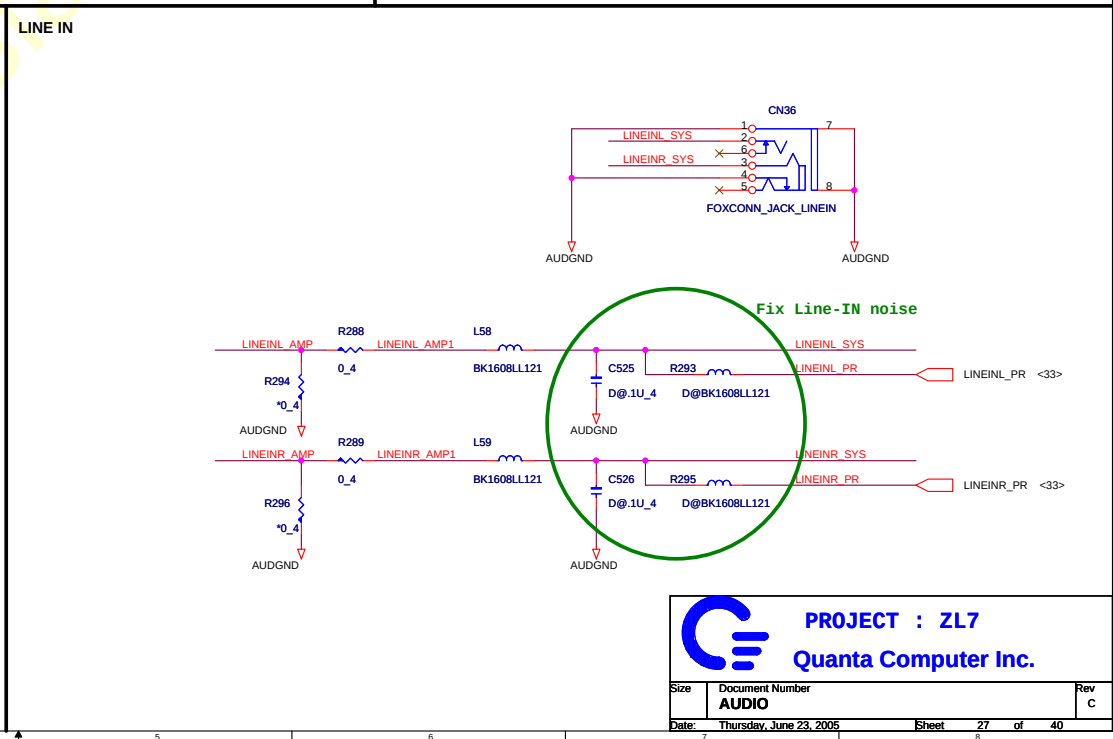
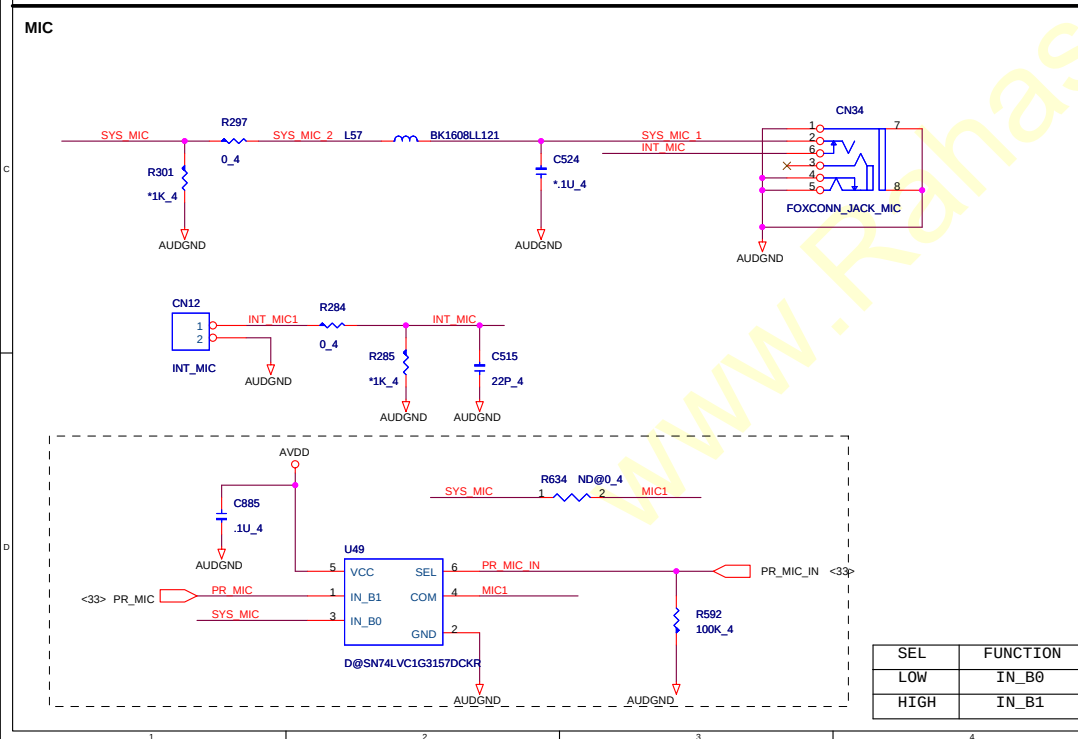
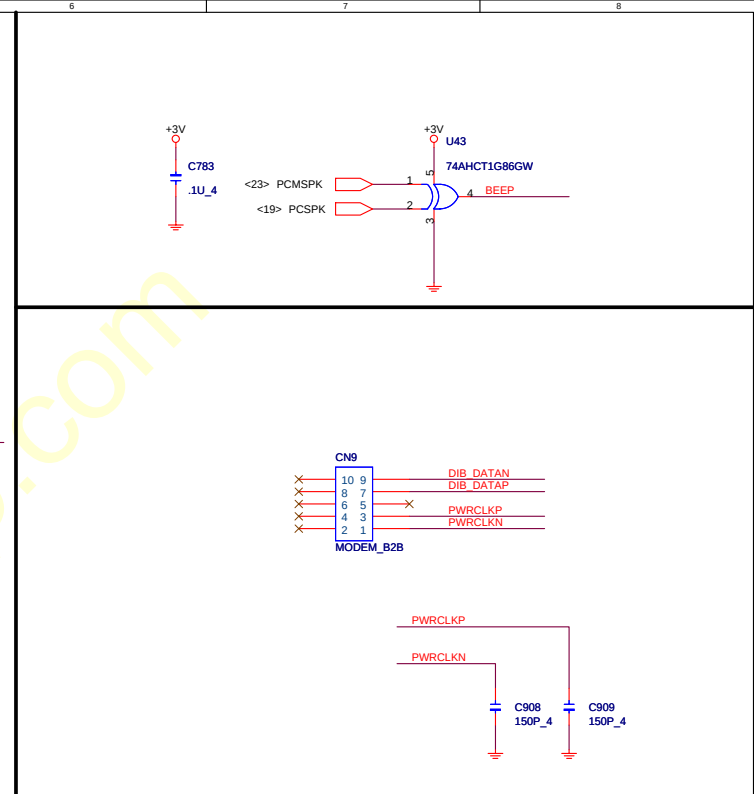
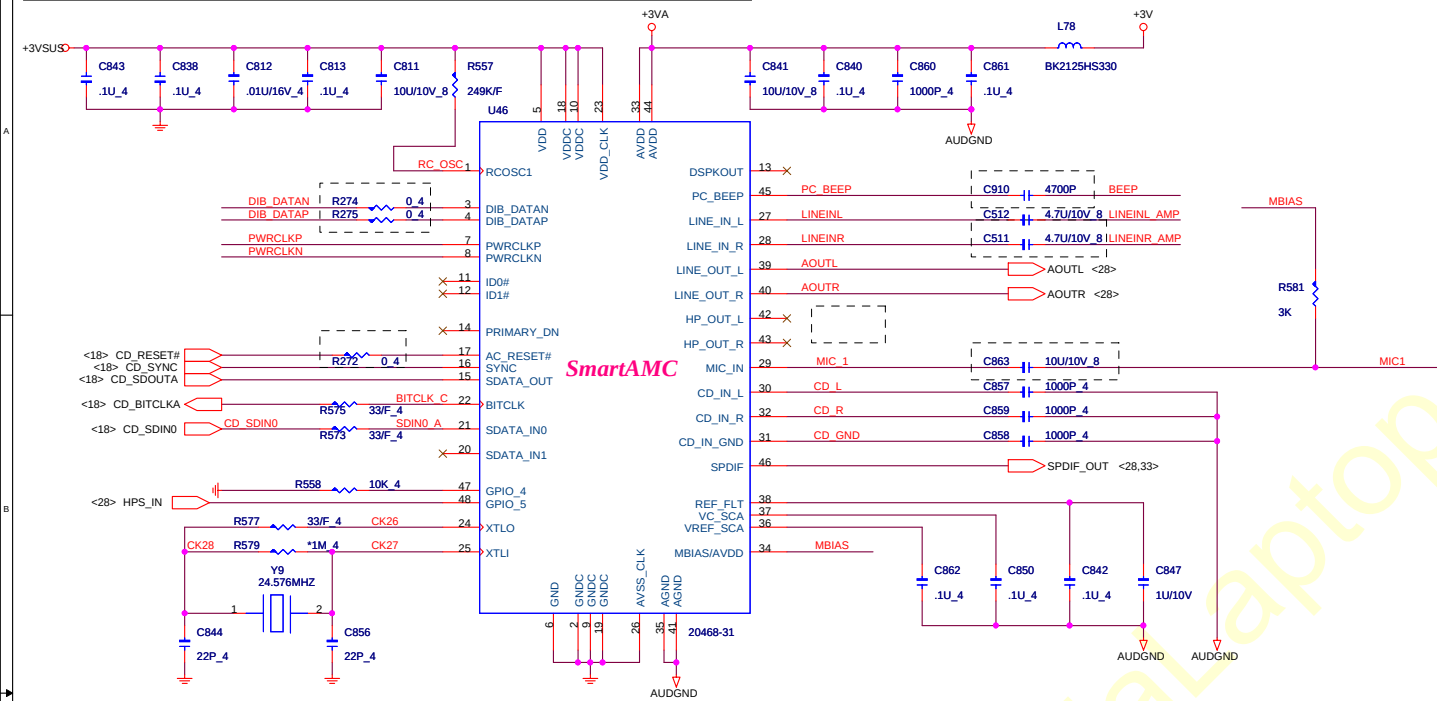




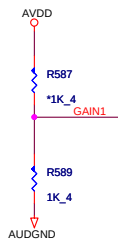
ADD CIRCUITS WHEN NO DOCKING



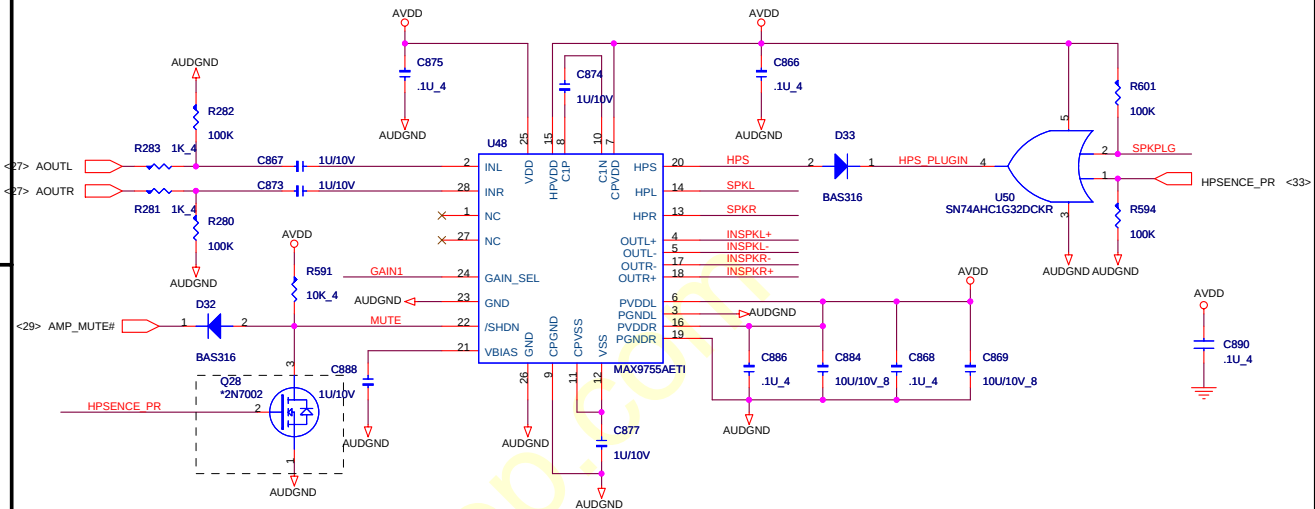
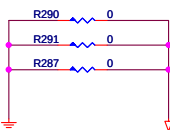
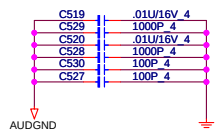
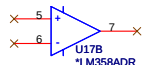
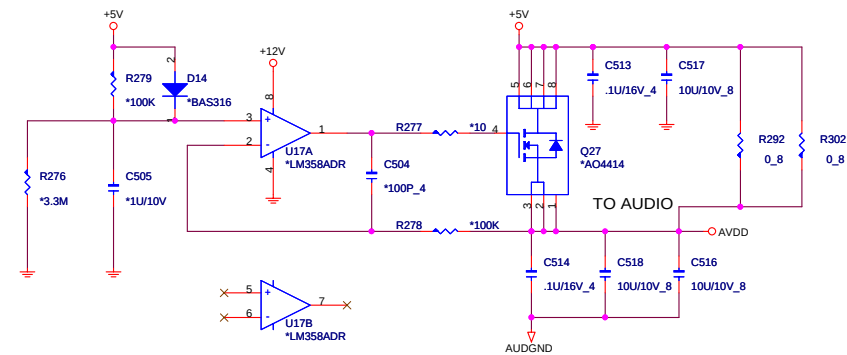
The AMC20463-004 modem is used for mother board family MBAMC20463-004.



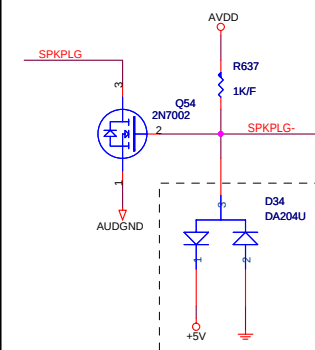
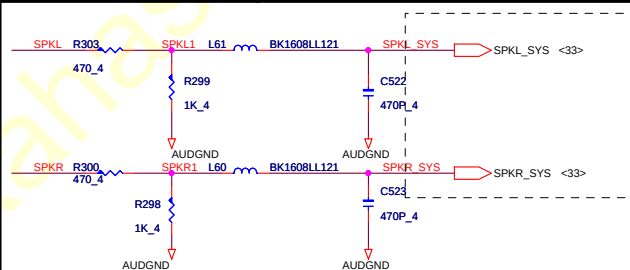
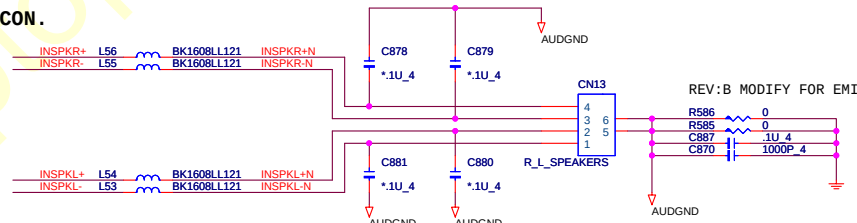
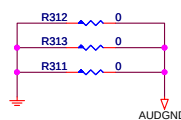
GAIN1	SPKR MODE	HP MODE
0	10.5	3
1	9	0



AMP POWER

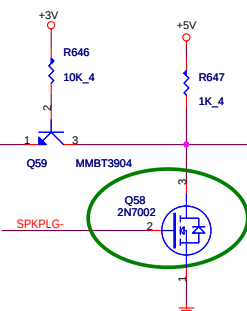
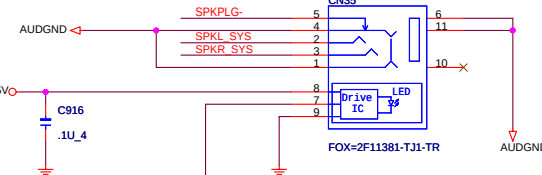


SPEAKER CON.



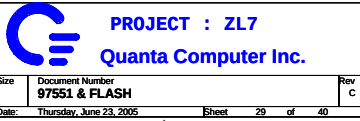
NEW ADD FOR ESD
CLOSE TO CN35

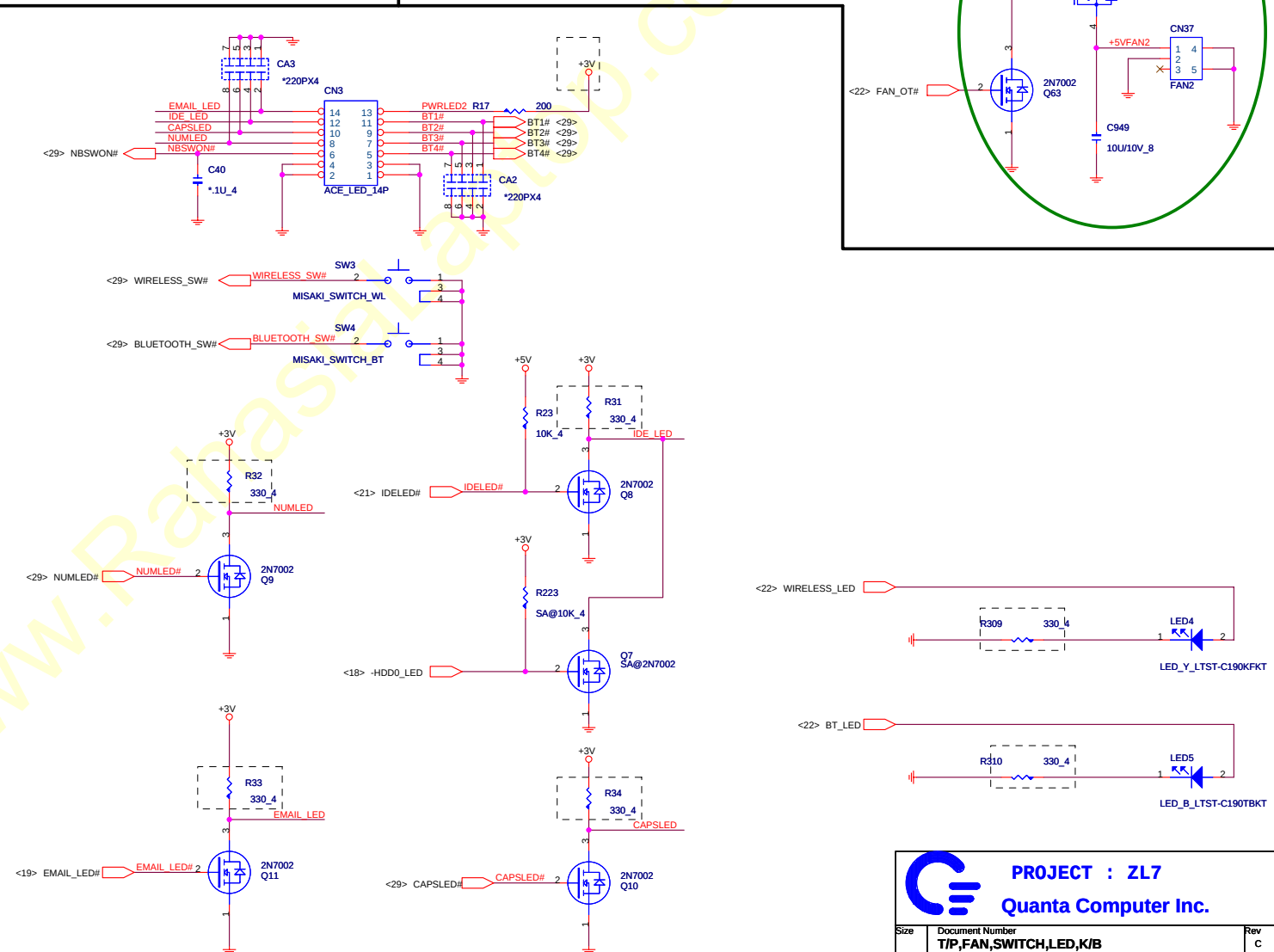
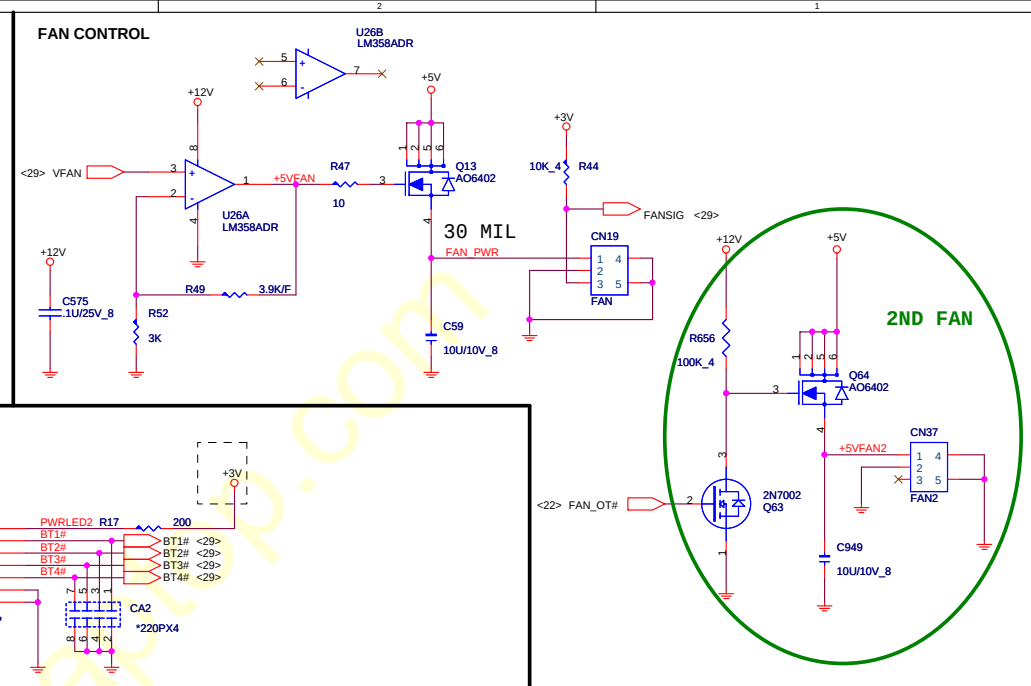
LINE OUT&SPDIF

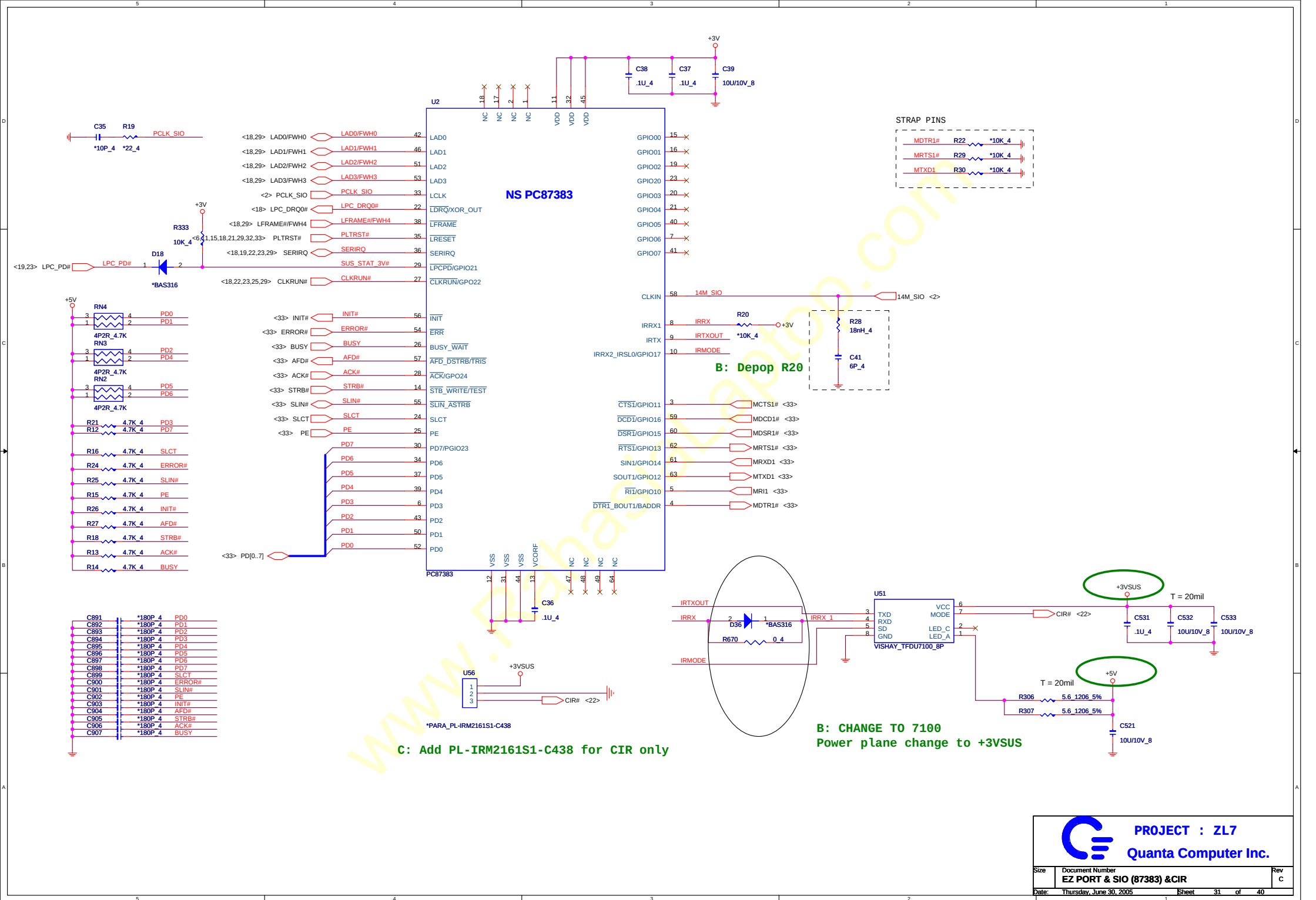


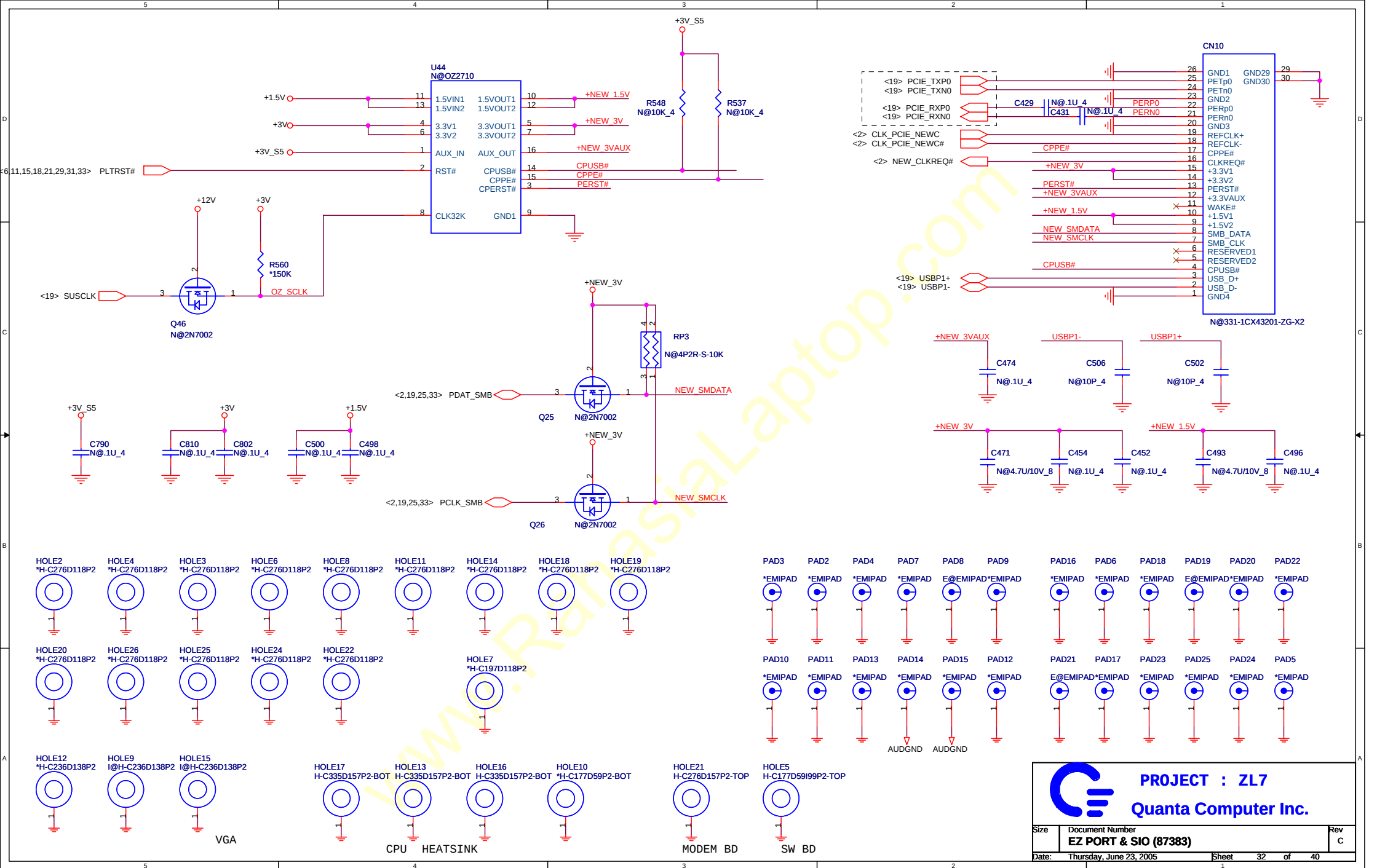
Change to 2N7002

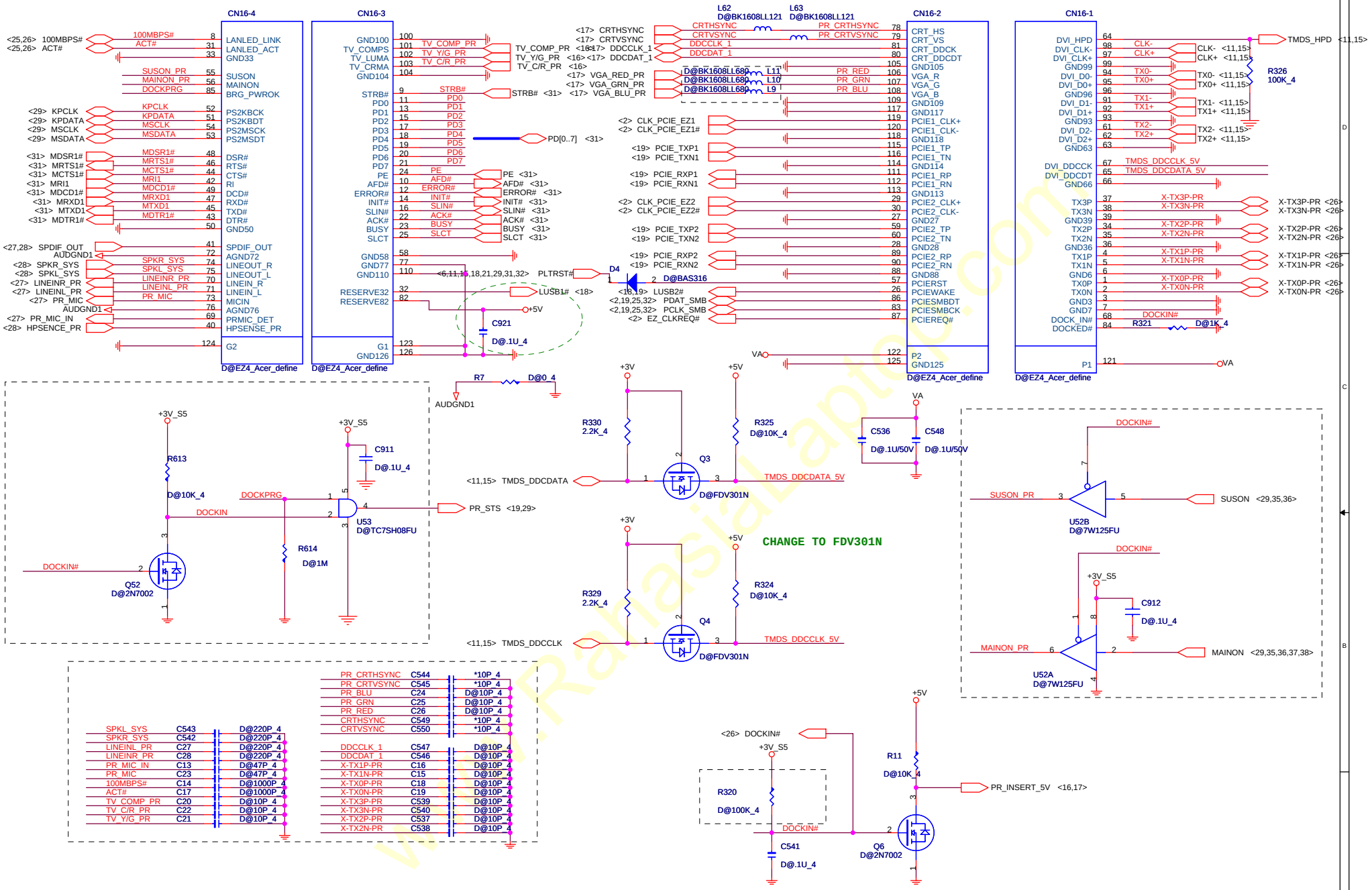
PROJECT : ZL7
Quanta Computer Inc.

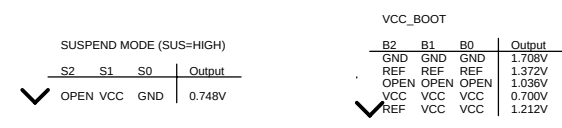










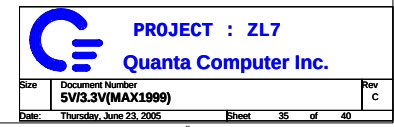


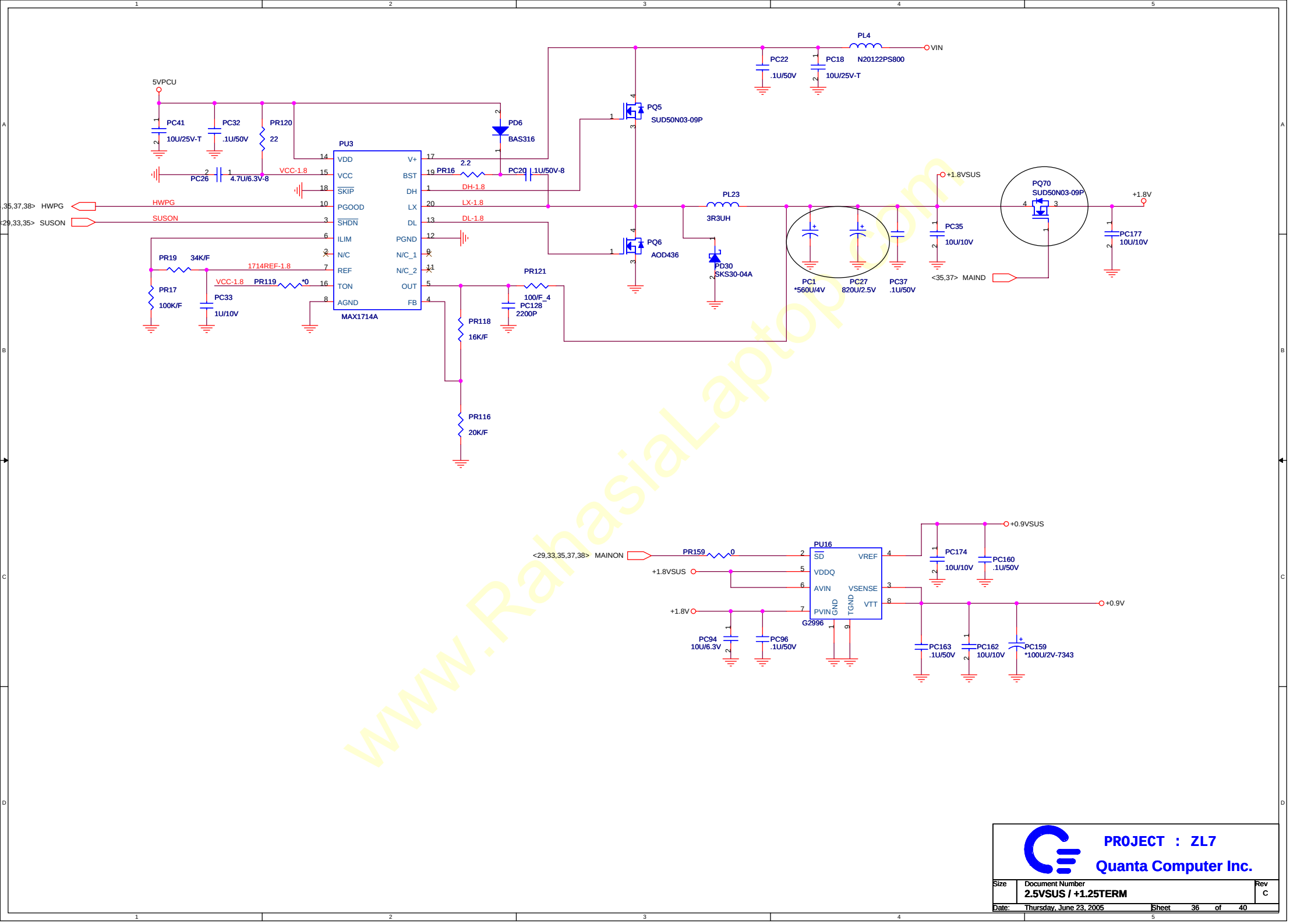
PROJECT : ZL7

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Size	Document Number CPU CORE (MAX1907)	Rev C
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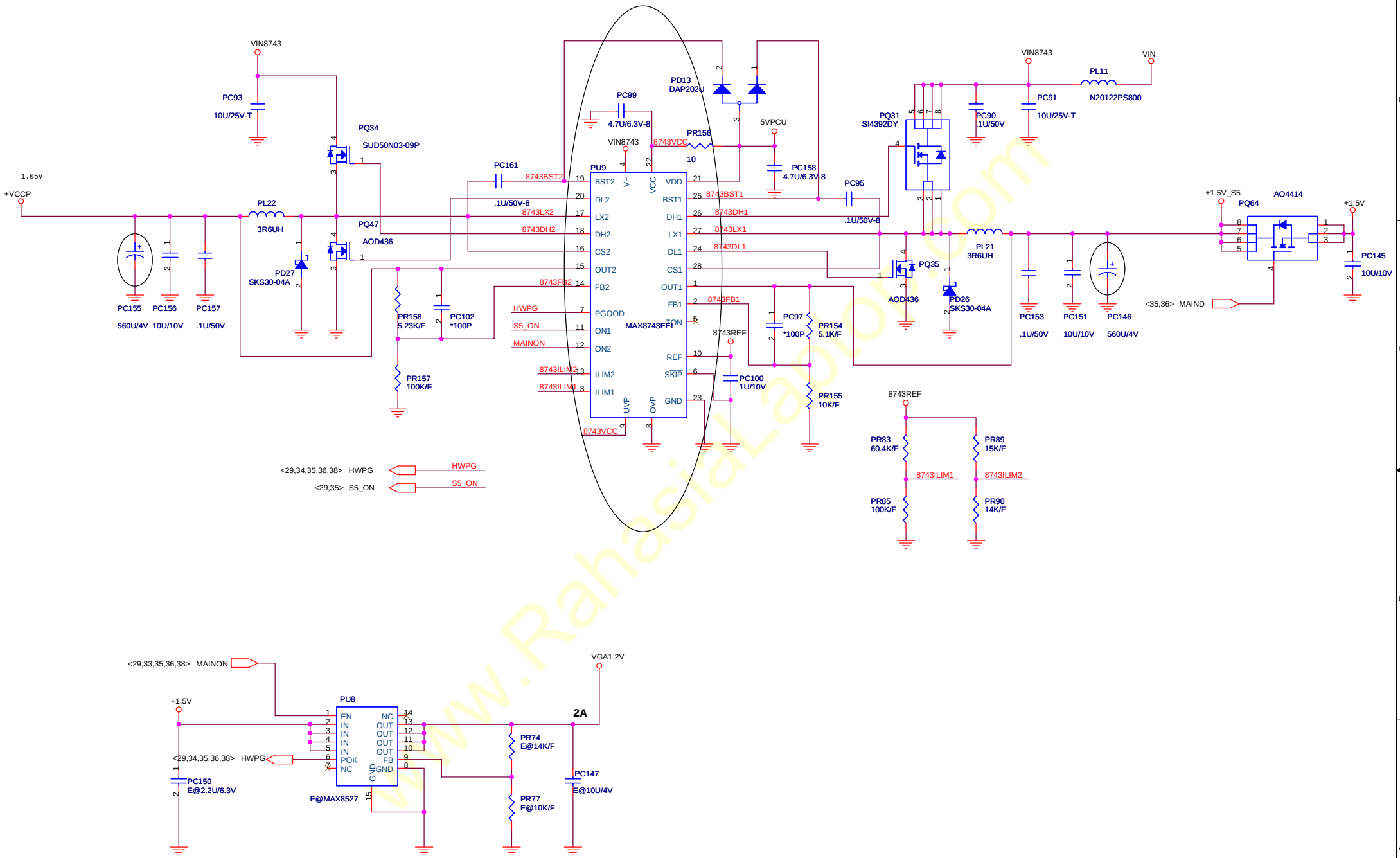
Date: Thursday, June 23, 2005 Sheet 34 of 40

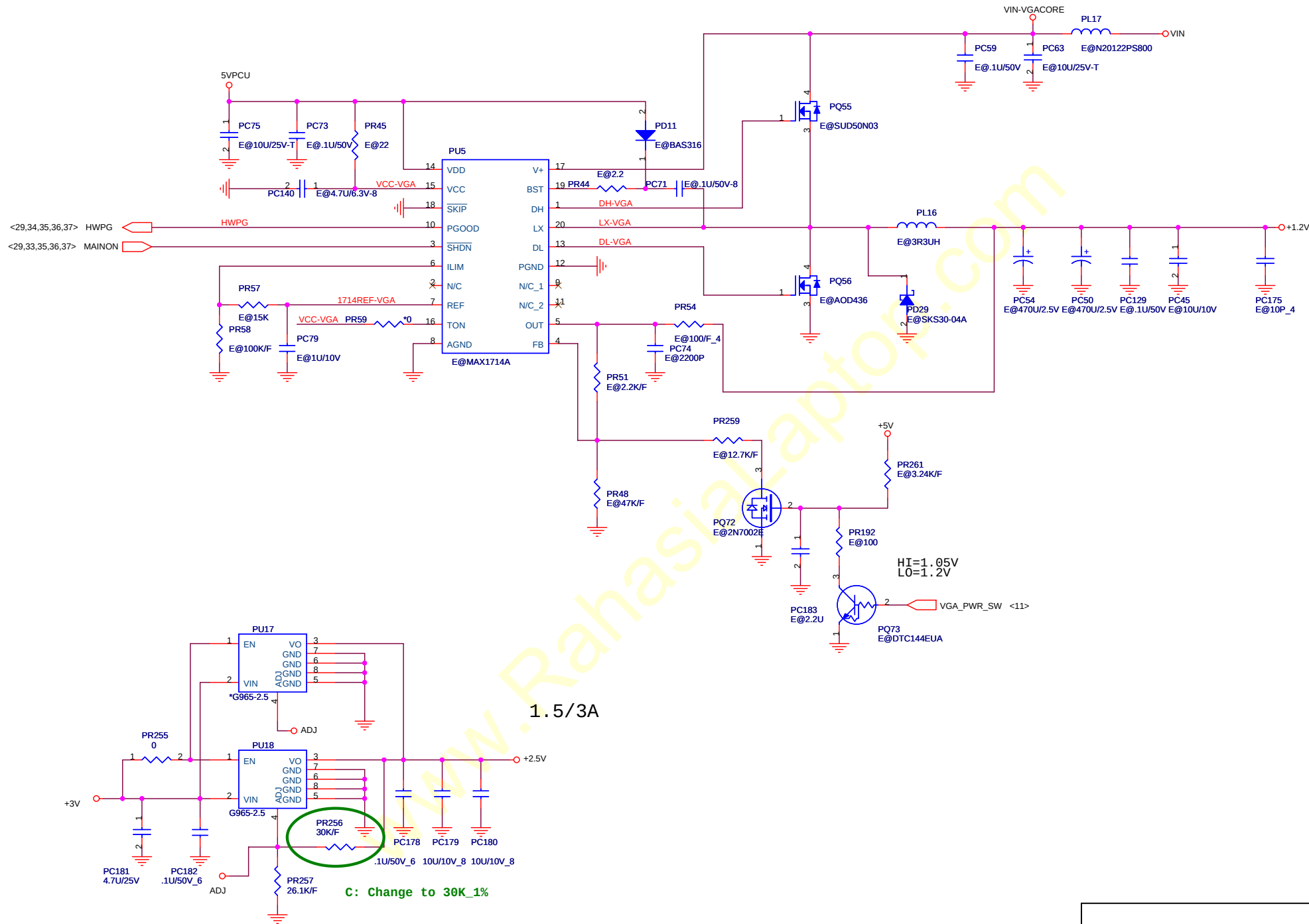


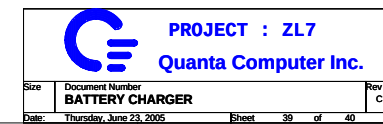


PROJECT : ZL7
Quanta Computer Inc.

Size	Document Number	Rev
	2.5VSUS / +1.25TERM	C
Date:	Thursday, June 23, 2005	Sheet 36 of 40









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