

	1	2	3	4	5	6	7	8																																																																																									
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DATE	CHANGE NO.	REV																																																																																															
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Zidane-UMA (PGA)

MV Build

2010/03/15

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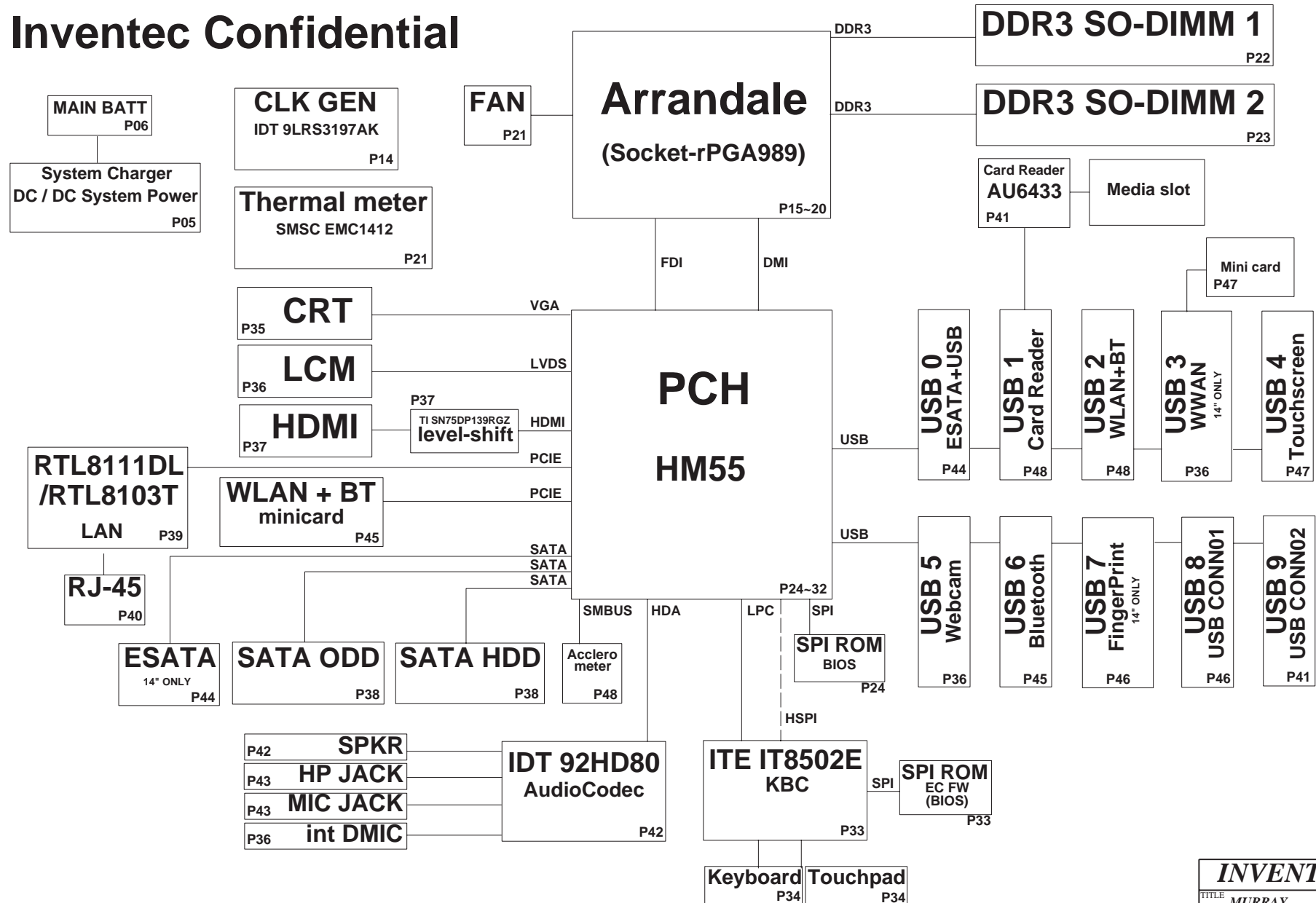
- 31. PCH-8
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- 33. KBC
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- 46. USB, PowerButton(DB)
- 47. WWAN(Optional)
- 48. FP & HD LOCK(Optional)

INVENTEC

TITLE			
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Index			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A23512-0-MTR	A03
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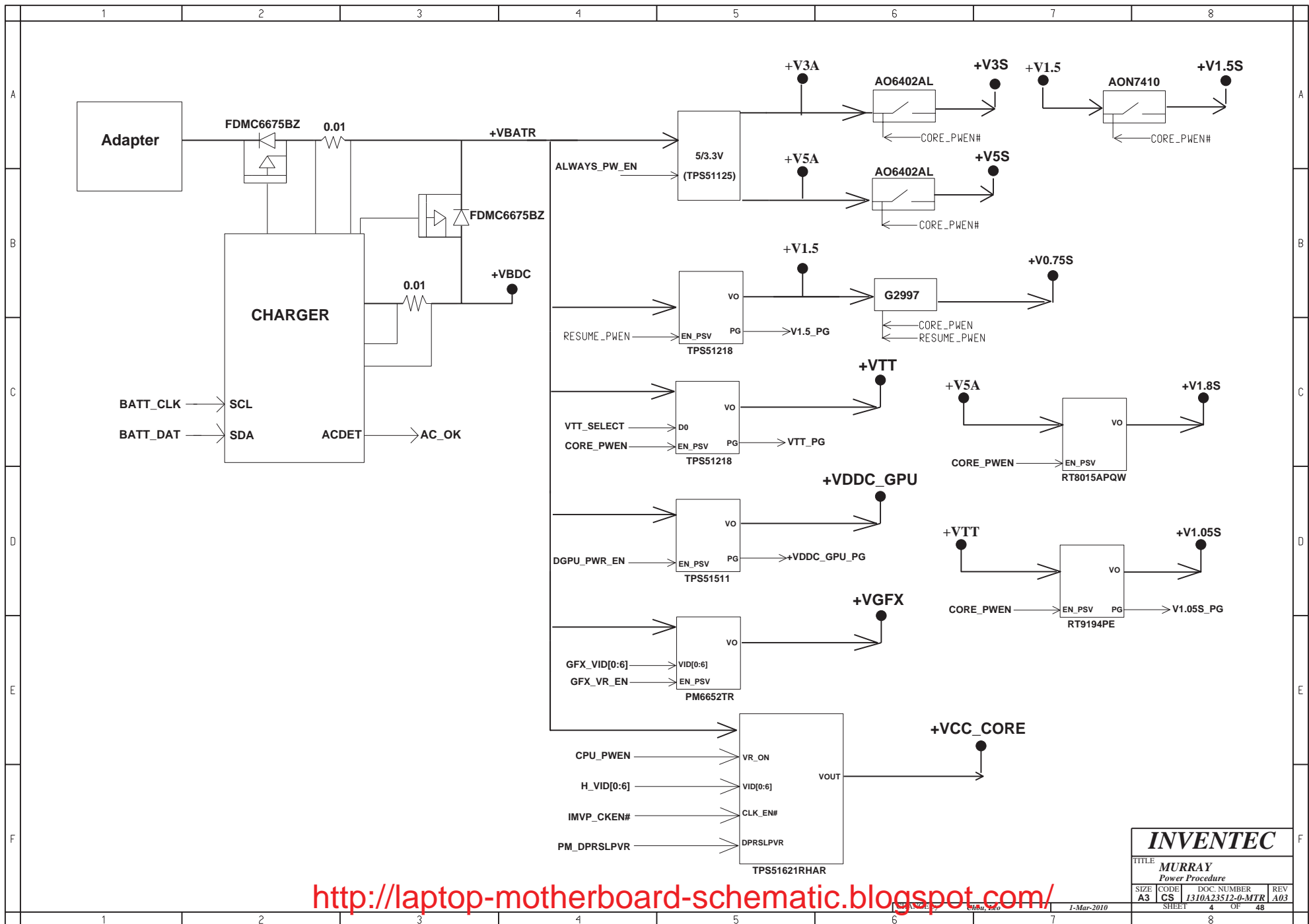
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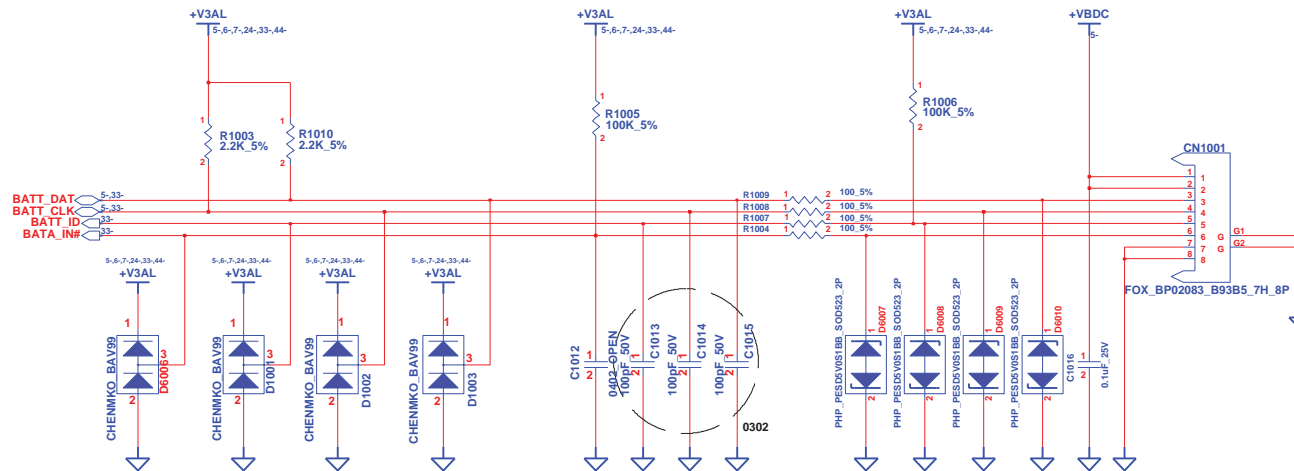
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SHEET: 3		OF: 48	



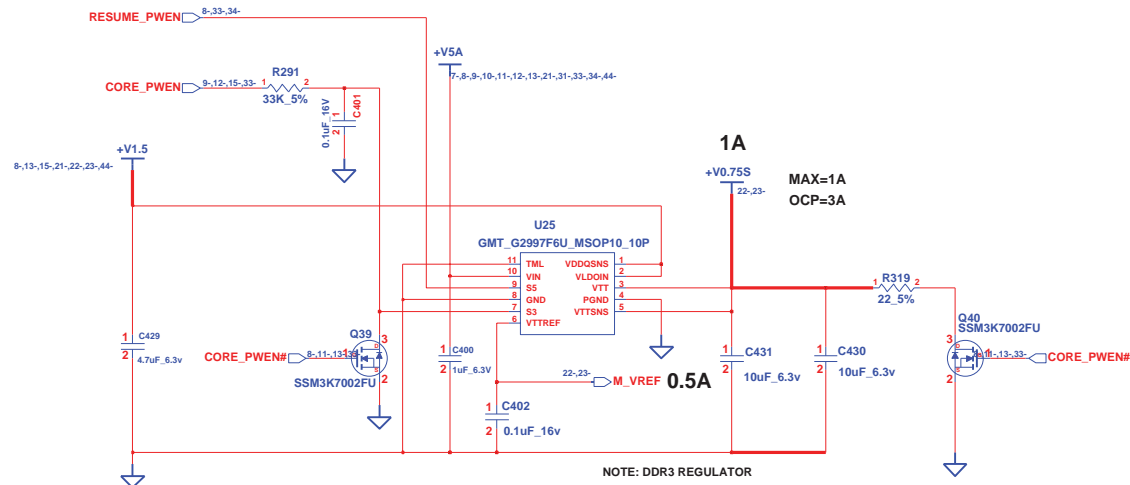
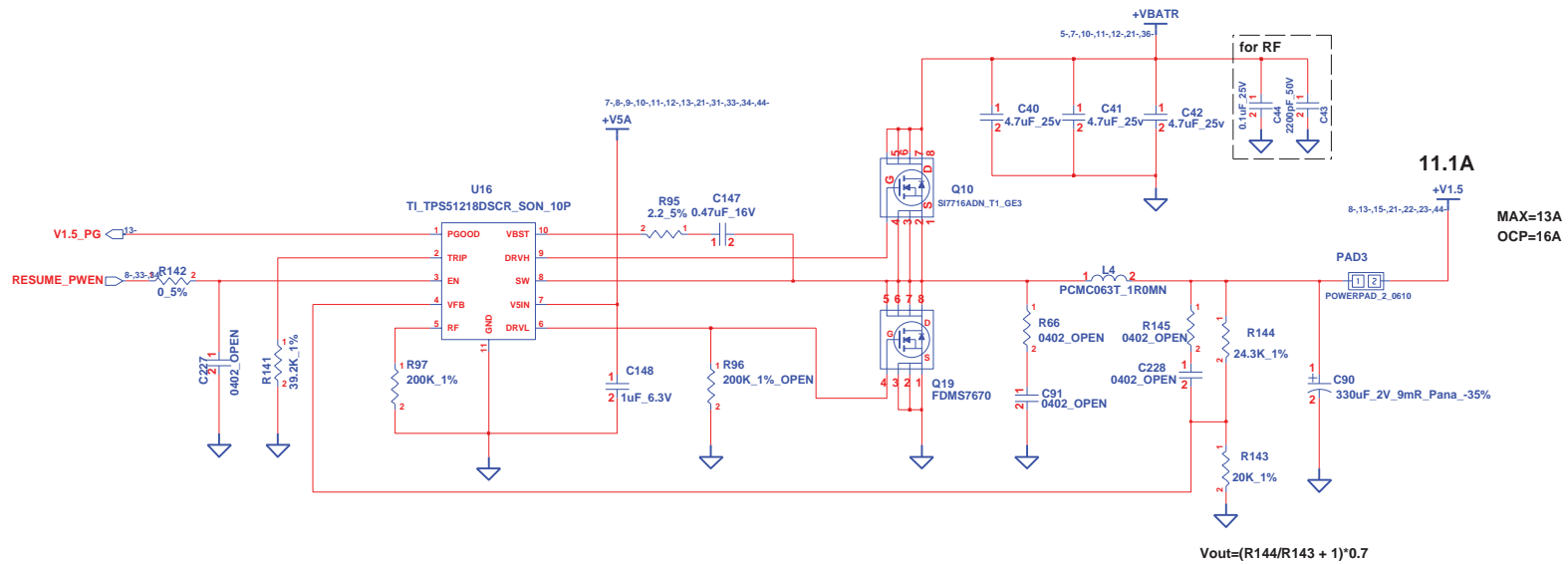
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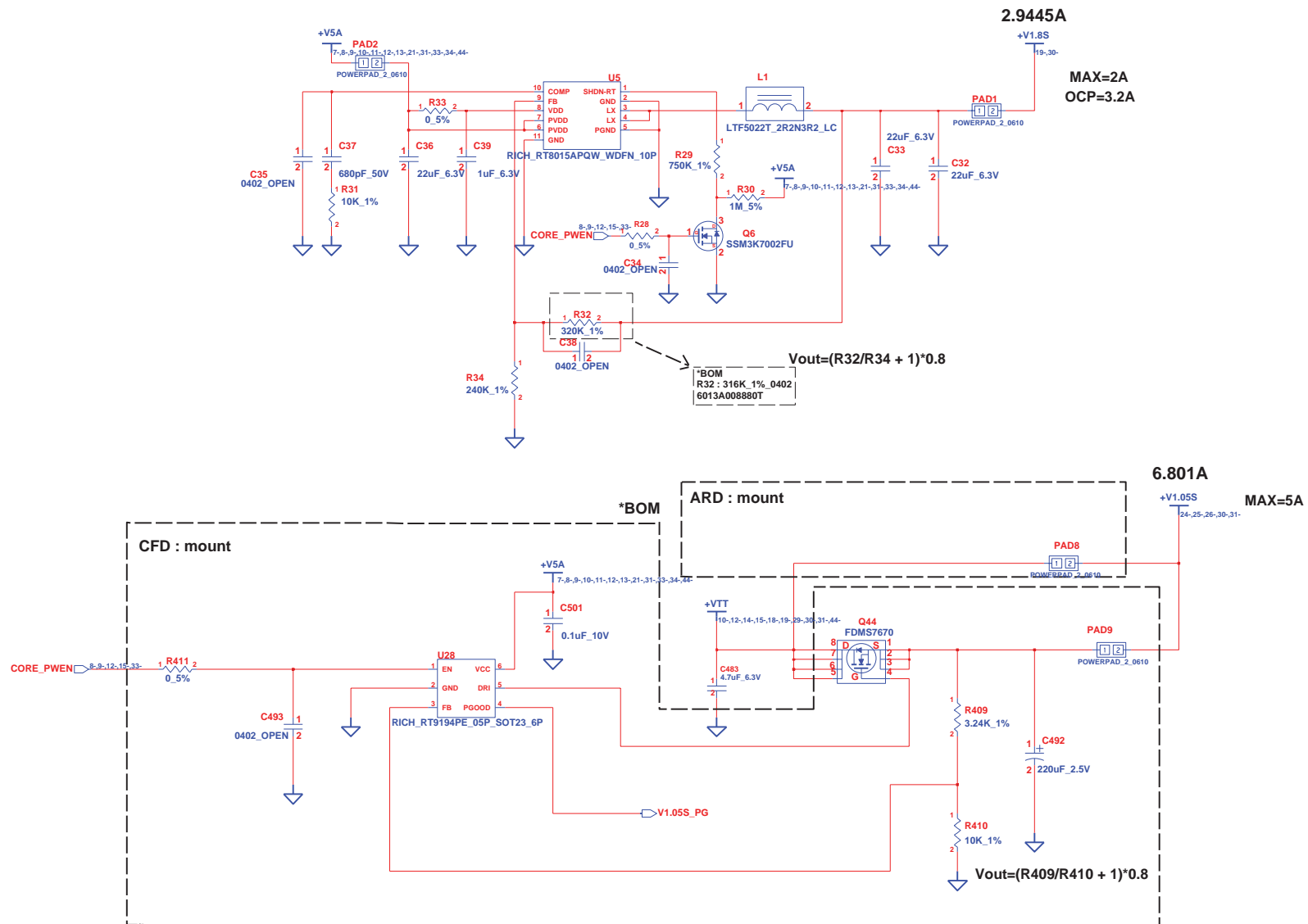
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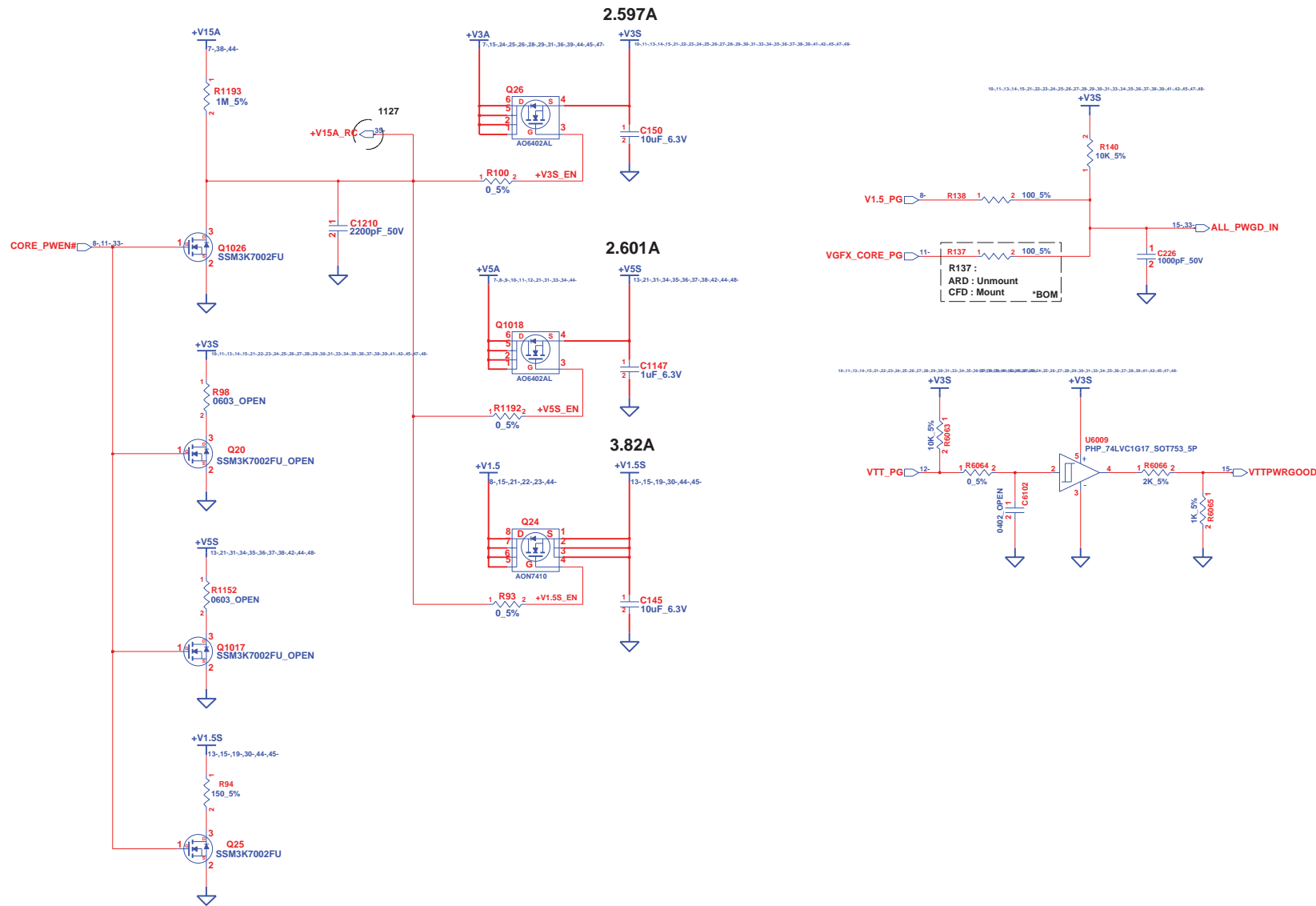
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TITLE: MURRAY			
+V1.5 & +V0.75			
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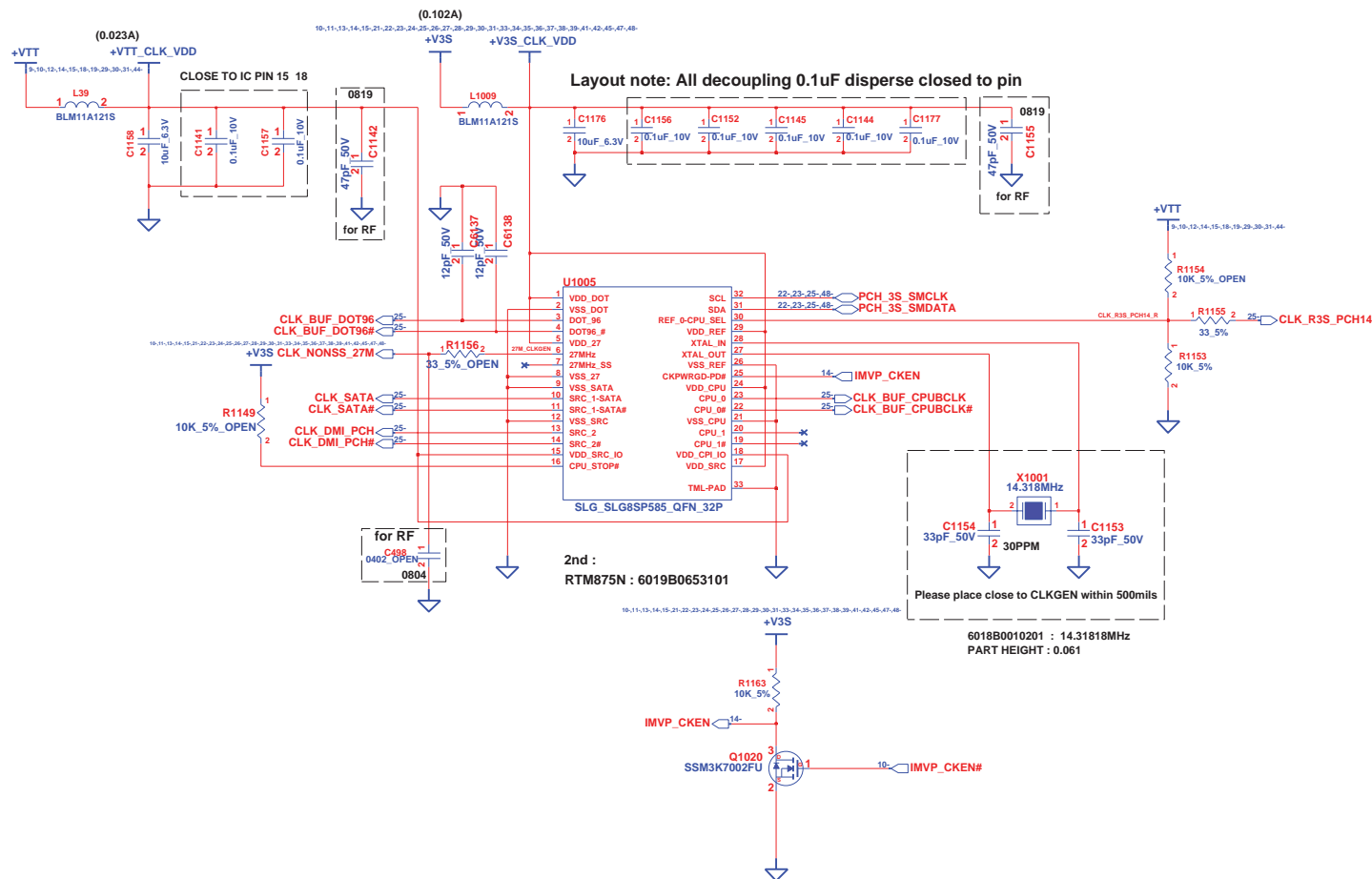
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TITLE: MURRAY			
+V1.8S & +V1.05S			
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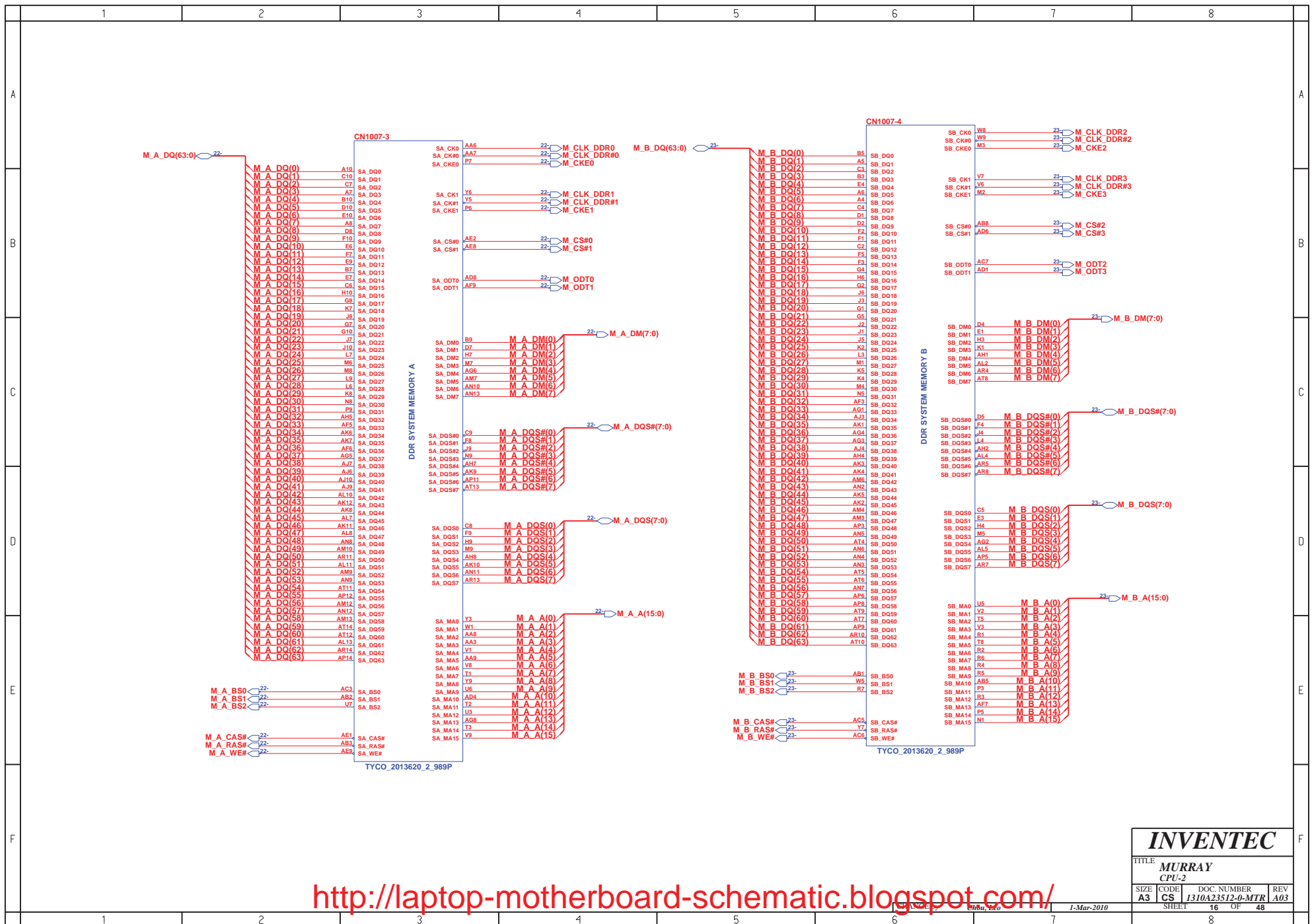
INVENTEC			
TITLE: MURRAY			
+V5S & +V3S			
SIZE: A3	CODE: CS	DOC. NUMBER: 1310A23512-0-MTR	REV: A03
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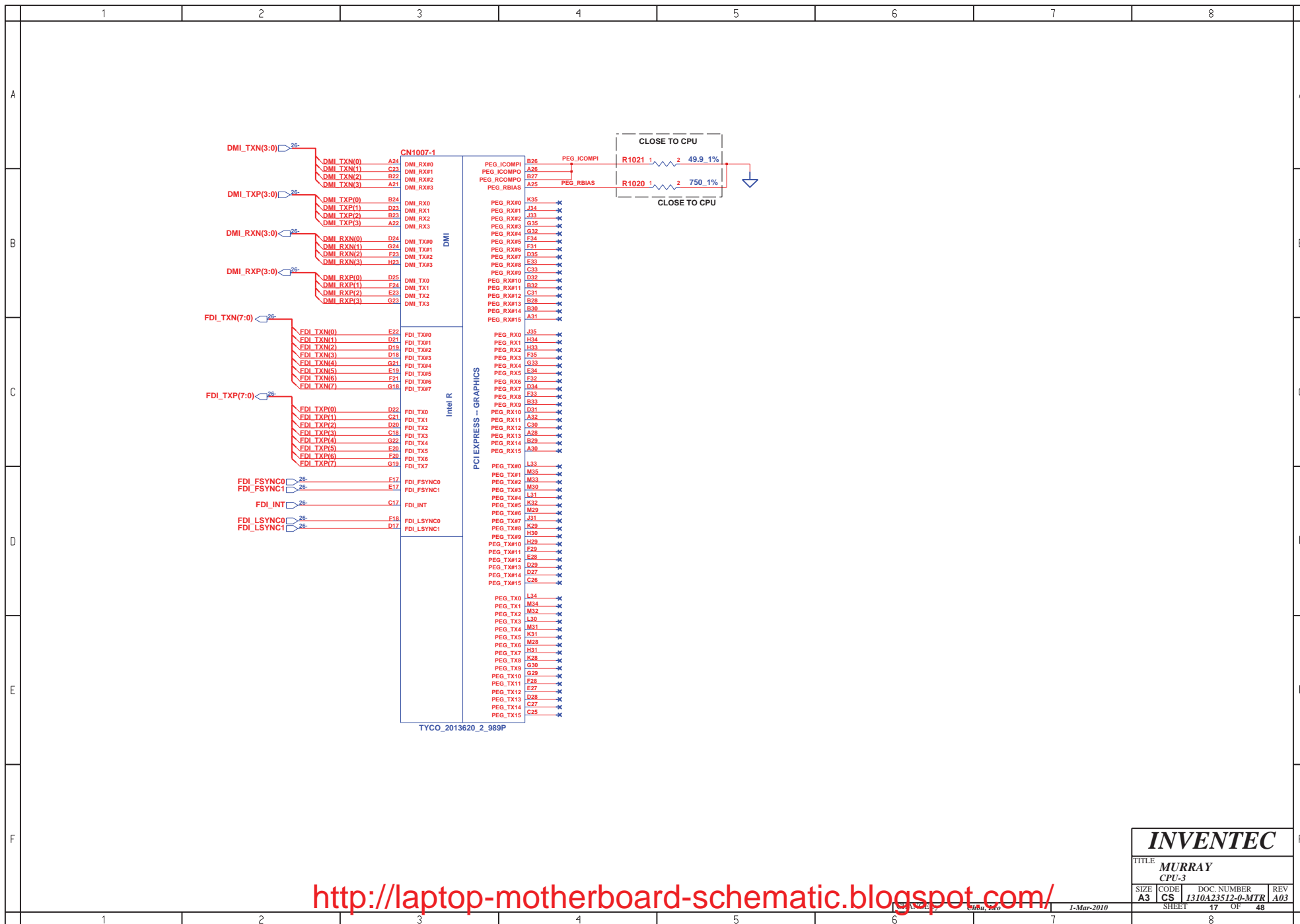
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INVENTEC			
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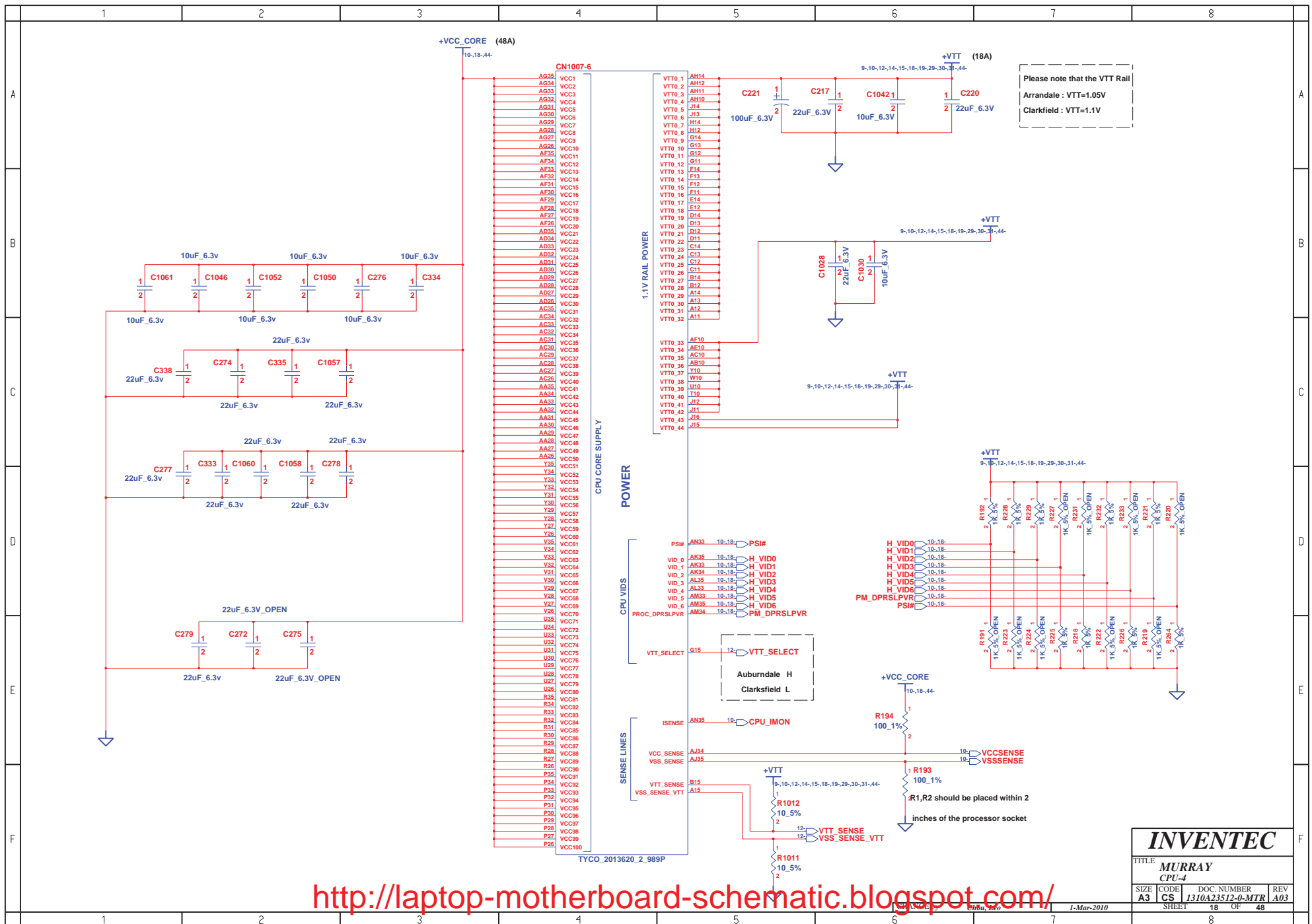


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SIZE A3	CODE CS	DOC. NUMBER 1310A23512-0-MTR	REV A03
SHEET		17	OF 48



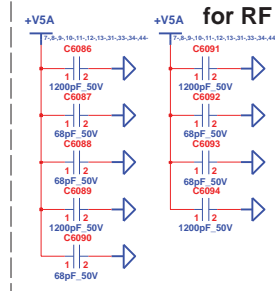
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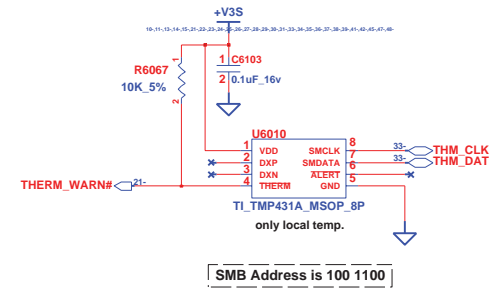
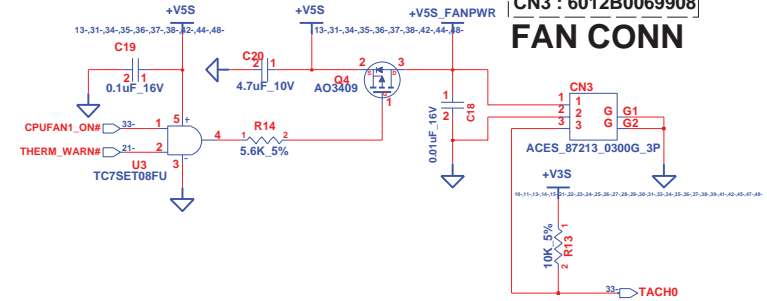
TITLE MURRAY CPU-4			
SIZE A3	CODE CS	DOC. NUMBER 1310A23512-0-MTR	REV A03
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1-Mar-2010

for RF



*BOM
CN3 : 6012B0069908
FAN CONN

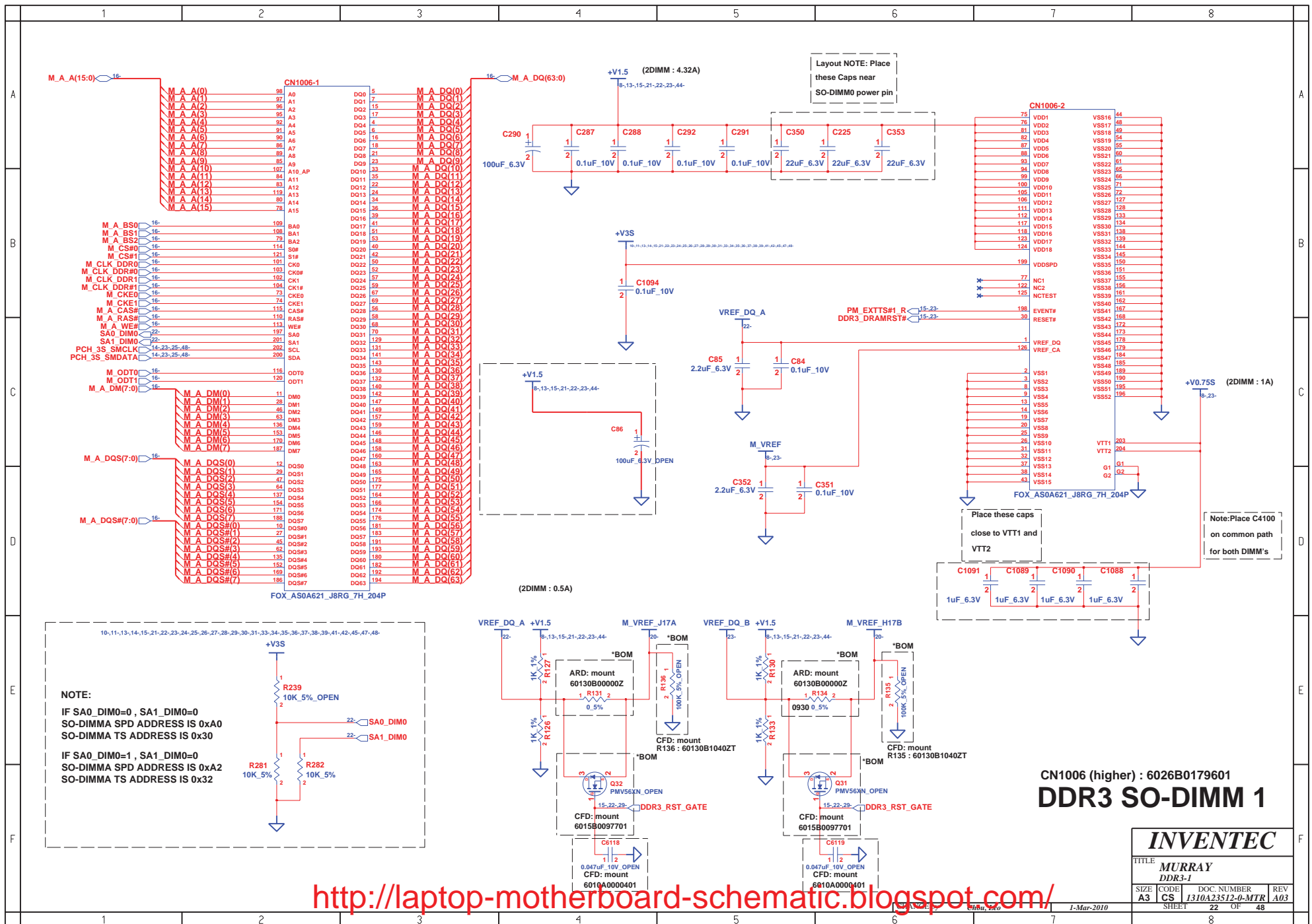


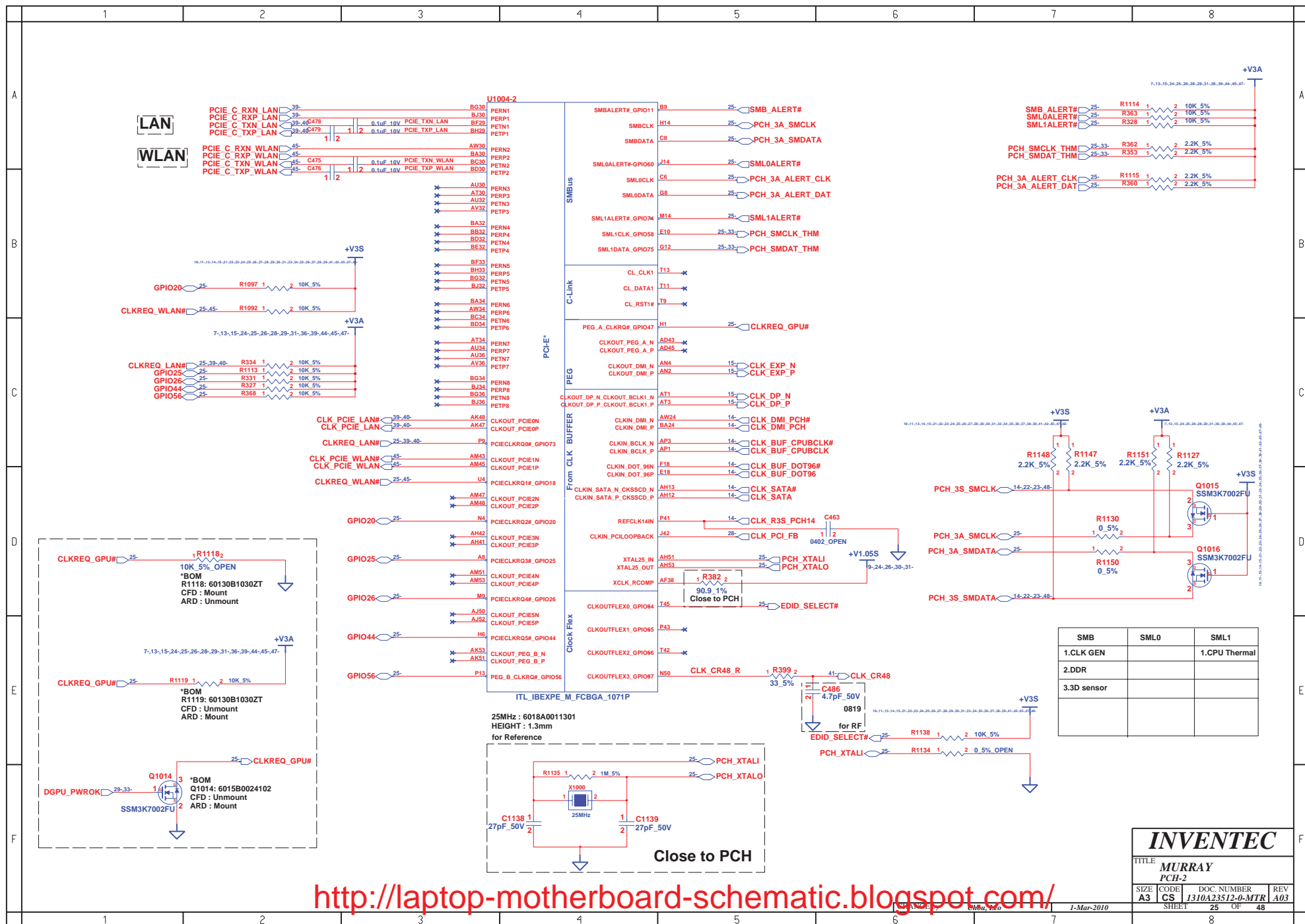
SMB Address is 100 1100

INVENTEC

TITLE MURRAY Thermal, Fan & XDP			
SIZE A3	CODE CS	DOC. NUMBER 1310A23512-0-MTR	REV A03
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<http://laptop-motherboard-schematic.blogspot.com/>





+V3S

RS1

RS3

RS2

RS4

RS5

PCI_GNT#0

PCI_GNT#1

PCI_GNT#1	PCI_GNT#0	BOOT BIOS Location
0	0	LPC
0	1	Reserved (NAND)
1	0	PCI
1	1	SPI

PCI_GNT#3

PCI_GNT#3 :
LOW - A16 swap override / Top-Block Swap Override enabled

BUF_PLT_RST#

PLT_RST#

LPC_CLK

LPC_CLK1

+V3S

R6093

DGPU_PWM_SELECT#

10K 5% OPEN

28

28

28

28

28

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28

PCI_INTA#

PCI_INTB#

PCI_INTC#

PCI_INTD#

PCI_REQ#(0)

PCI_REQ#(1)

DGPU_SELECT#

DGPU_PWM_SELECT#

PCI_GNT#0

PCI_GNT#1

PCI_GNT#2

PCI_GNT#3

PCI_INTE#

PCI_INTF#

PCI_INTG#

ACCEL_INT#

PCI_SERR#

PCI_PERR#

PCI_IRDY#

PCI_DEVSEL#

PCI_FRAME#

PCI_LOCK#

PCI_STOP#

PCI_TRDY#

PLT_RST#

LPC_CLK_R

LPC_CLK1_R

LPC_CLK1_R

U1004-5

H40

A00

N4

A02

A38

A03

A04

A05

A06

A07

A08

A09

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A12

A13

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A255

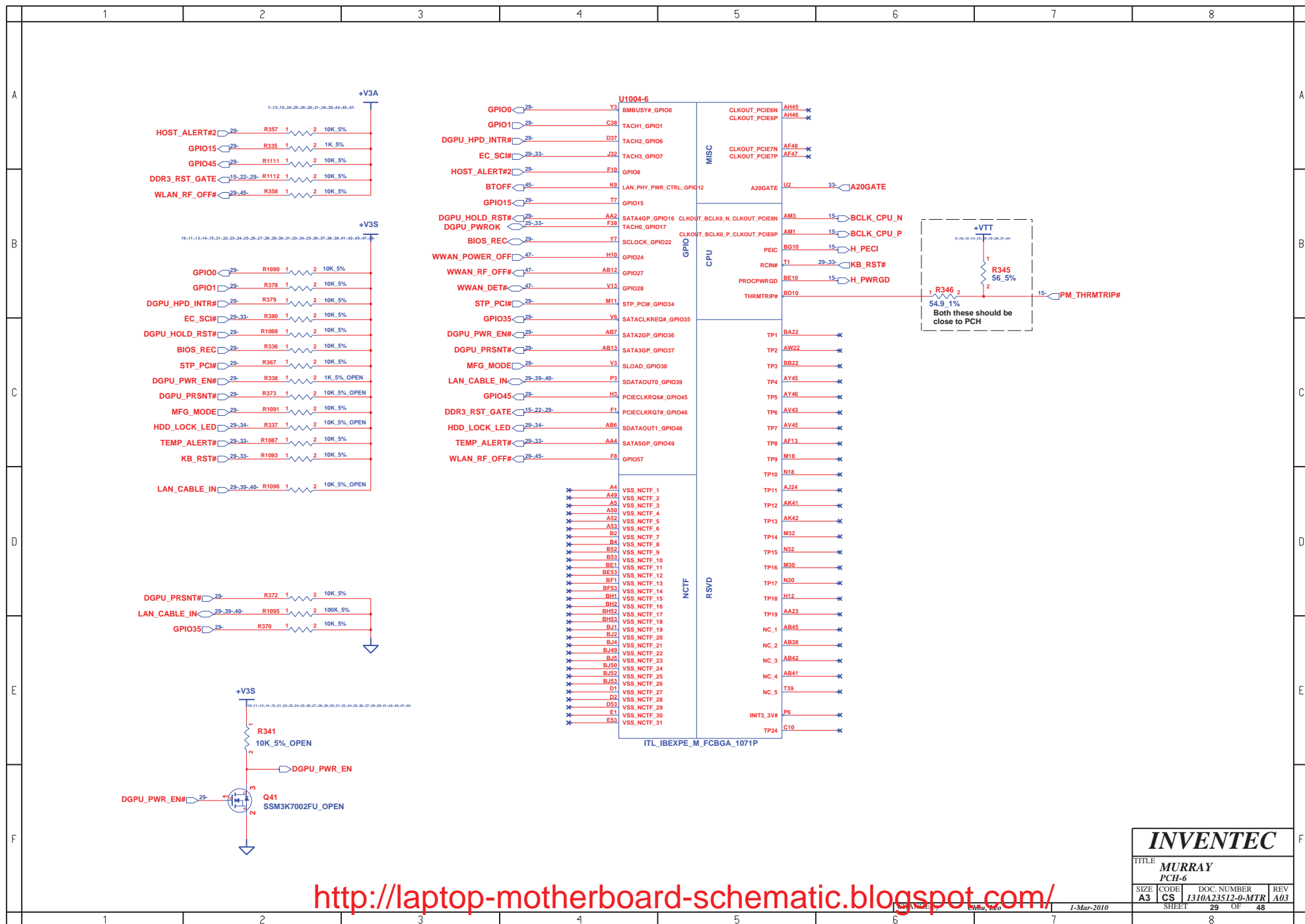
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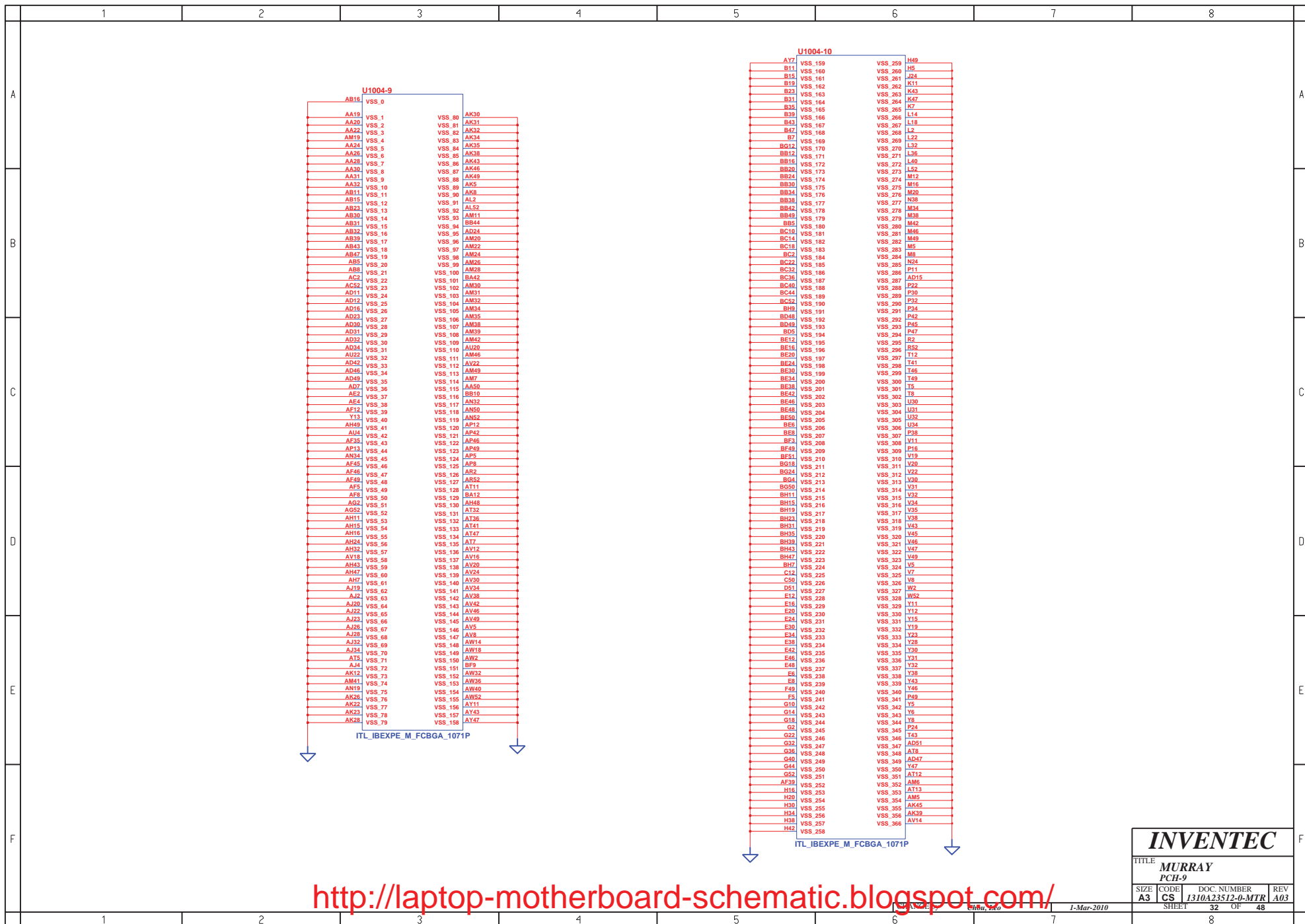
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A258

A259

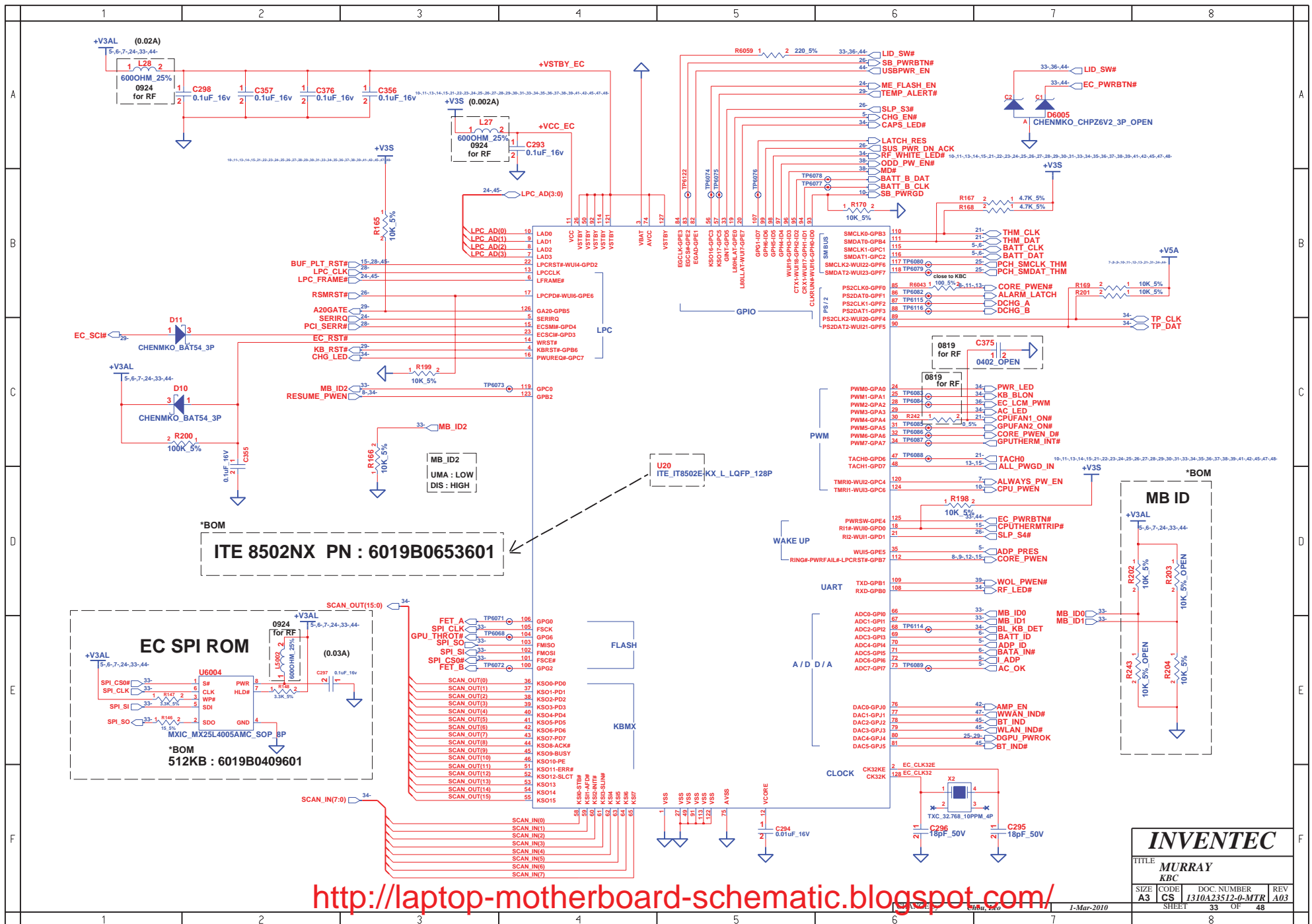
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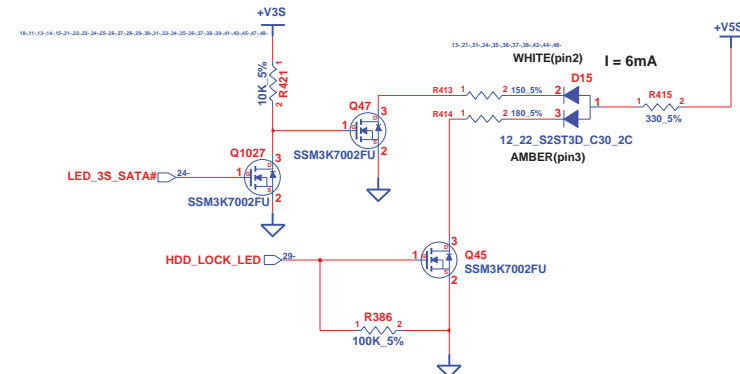
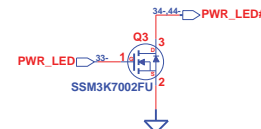
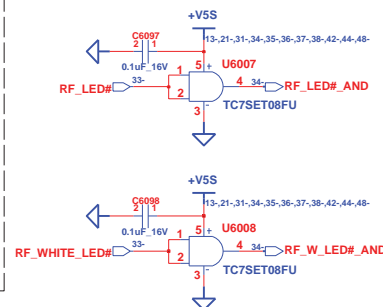
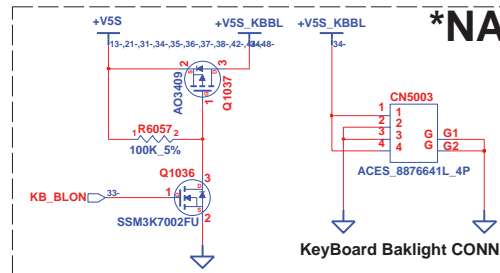
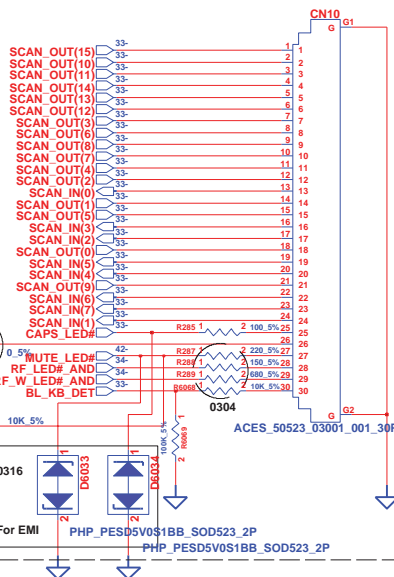
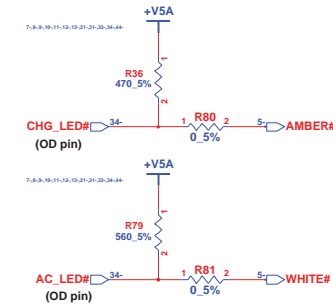
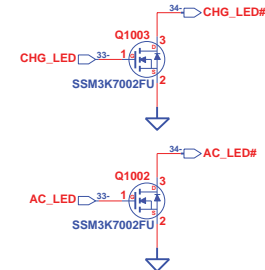
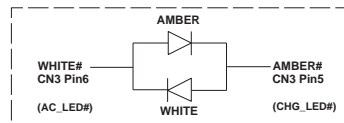
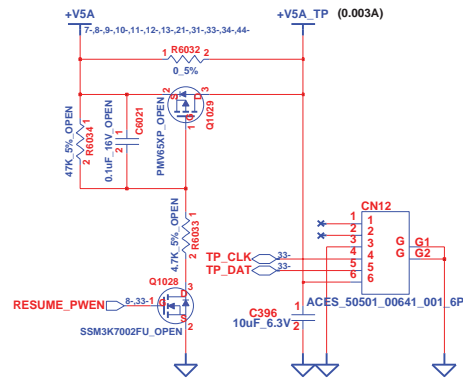




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INVENTEC			
TITLE MURRAY PCH-9			
SIZE A3	CODE CS	DOC. NUMBER 1310A23512-0-MTR	REV A03
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1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

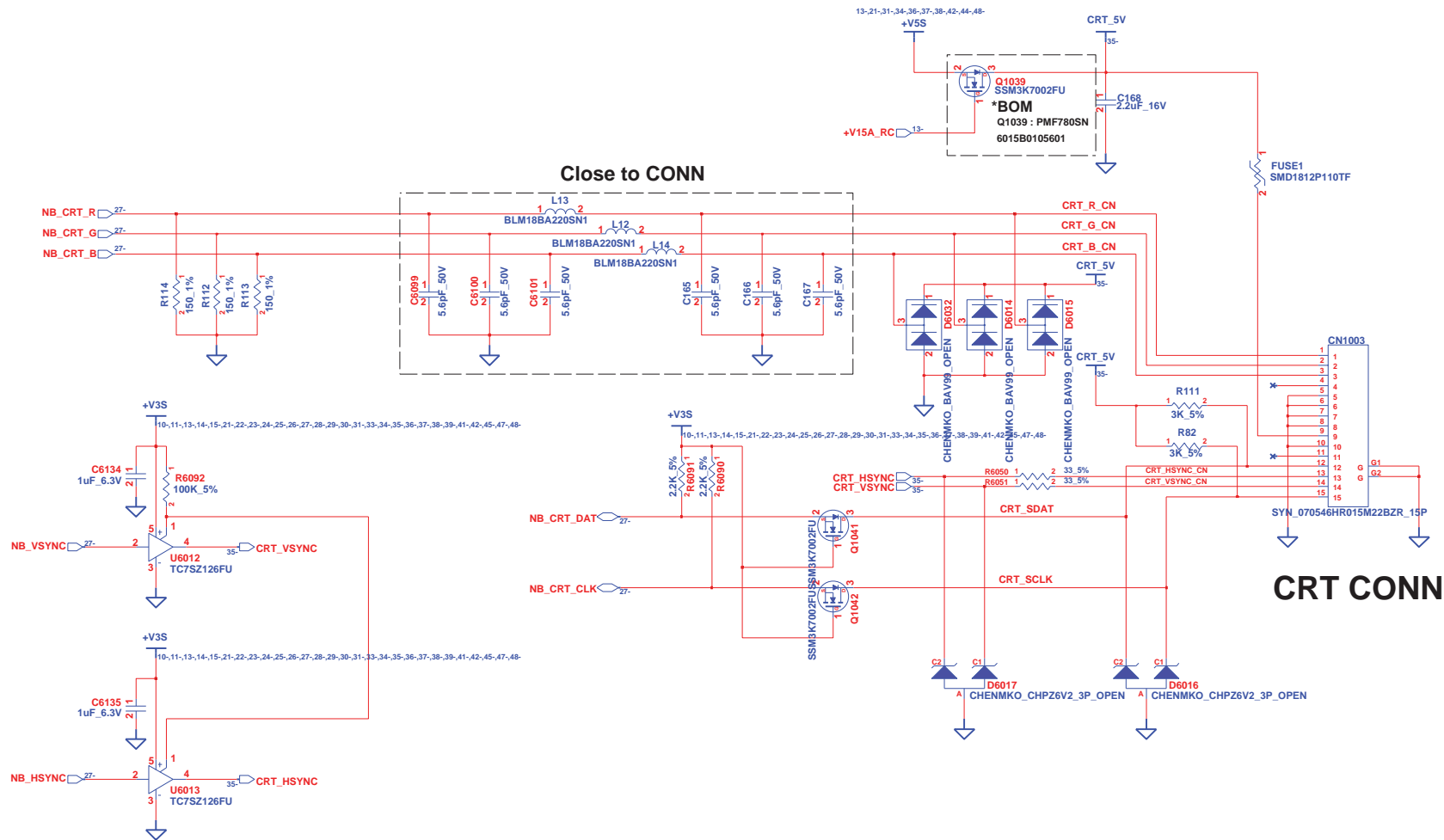
B

C

D

E

F



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TITLE: MURRAY CRT			
SIZE: A3	CODE: CS	DOC. NUMBER: 1310A23512-0-MTR	REV: A03
SHEET: 35		OF: 48	

1 2 3 4 5 6 7 8

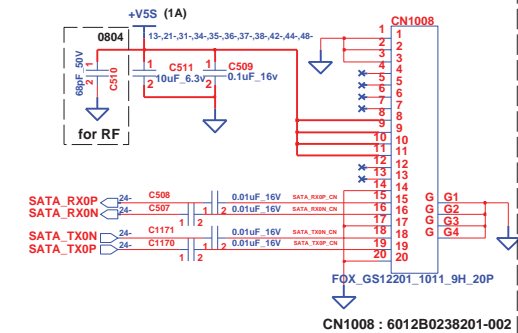
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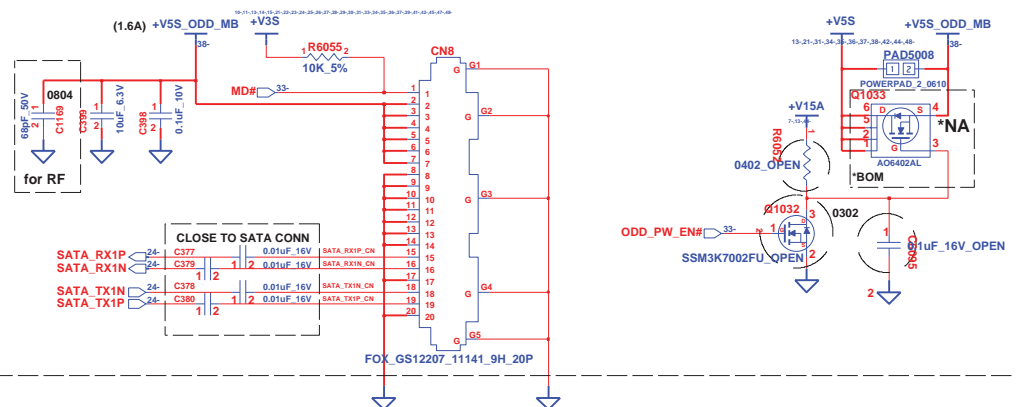
TITLE			
MURRAY LCM			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A23512-0-MTR	A03
SHEET		36	OF 48



SATA HDD FPC CONN on MB



SATA ODD FPC CONN on MB

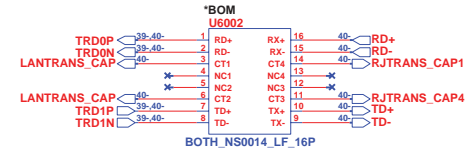
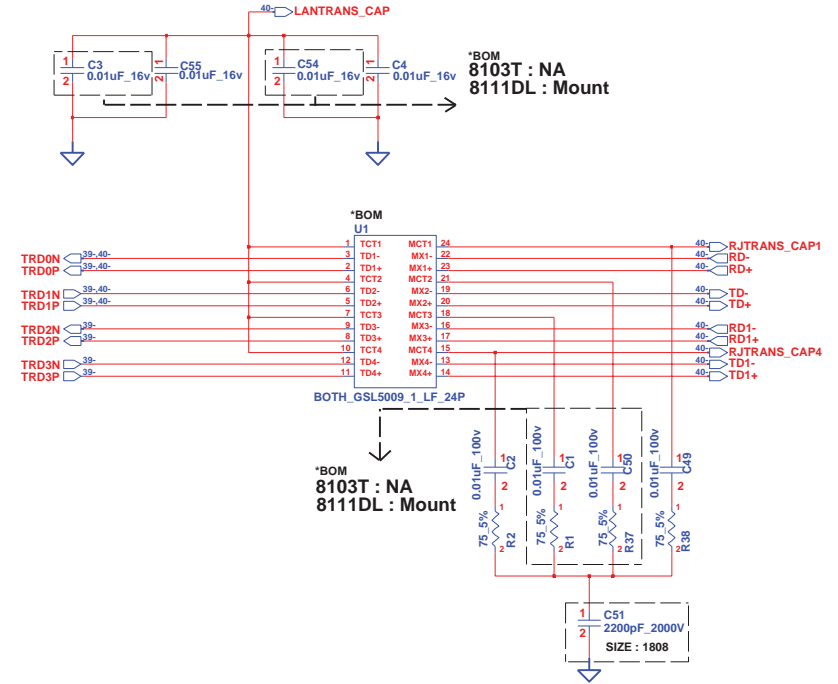
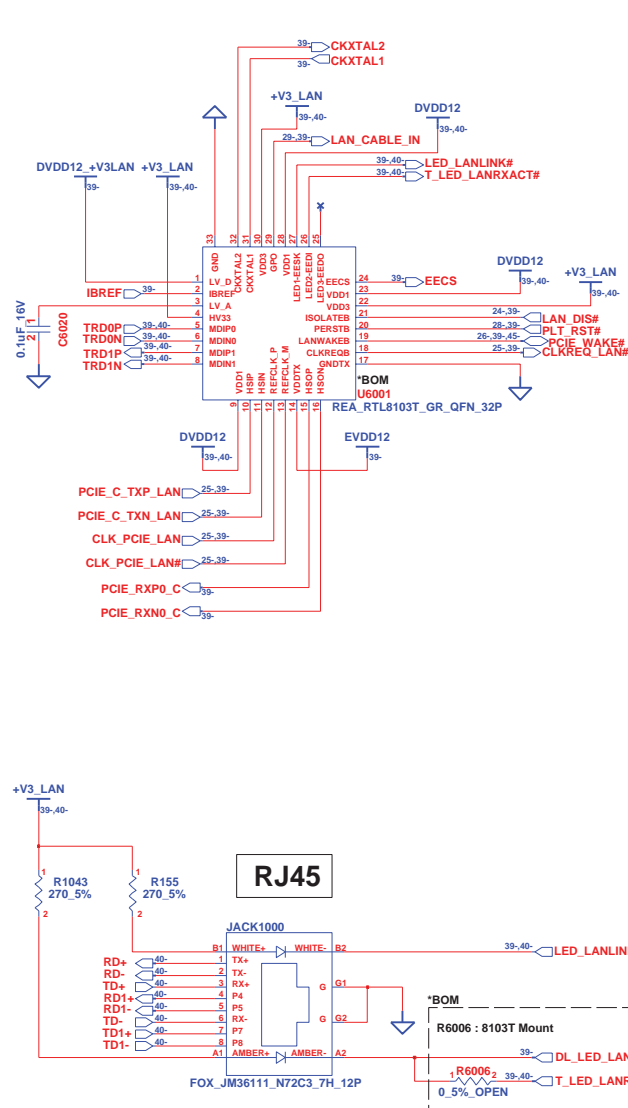


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TITLE			
MURRAY			
SATA HDD & ODD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A23512-0-MTR	A03
SHEET		38	OF 48

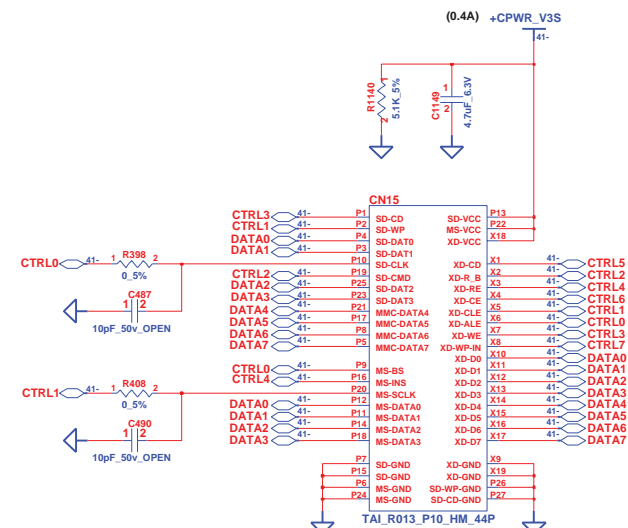
<http://laptop-motherboard-schematic.blogspot.com/>

LAYOUT NOTE : Place termination resistors and caps as close to LAN controller as possible

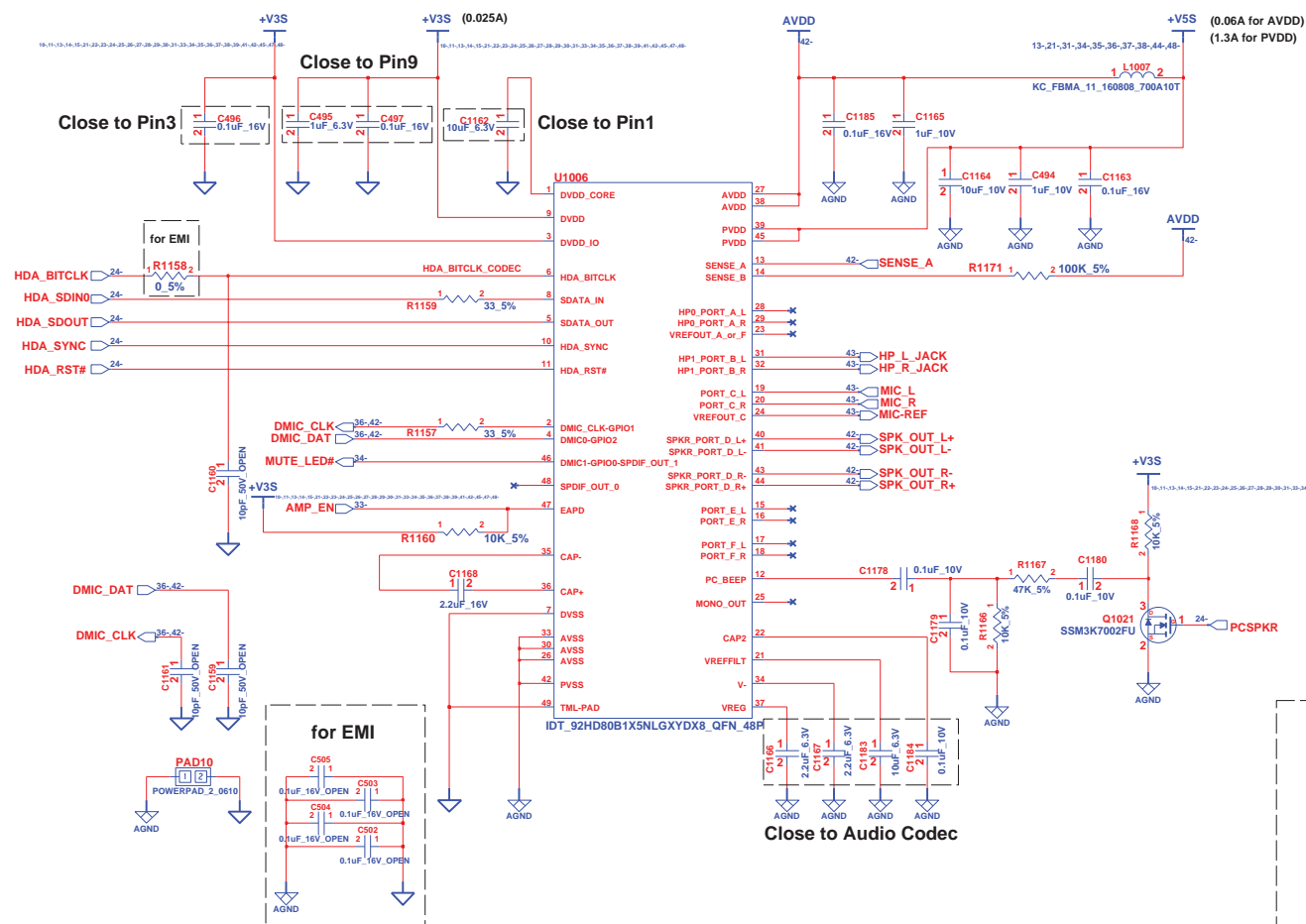


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SIZE A3	CODE CS	DOC NUMBER 1310A23512-0-MTR	REV A03
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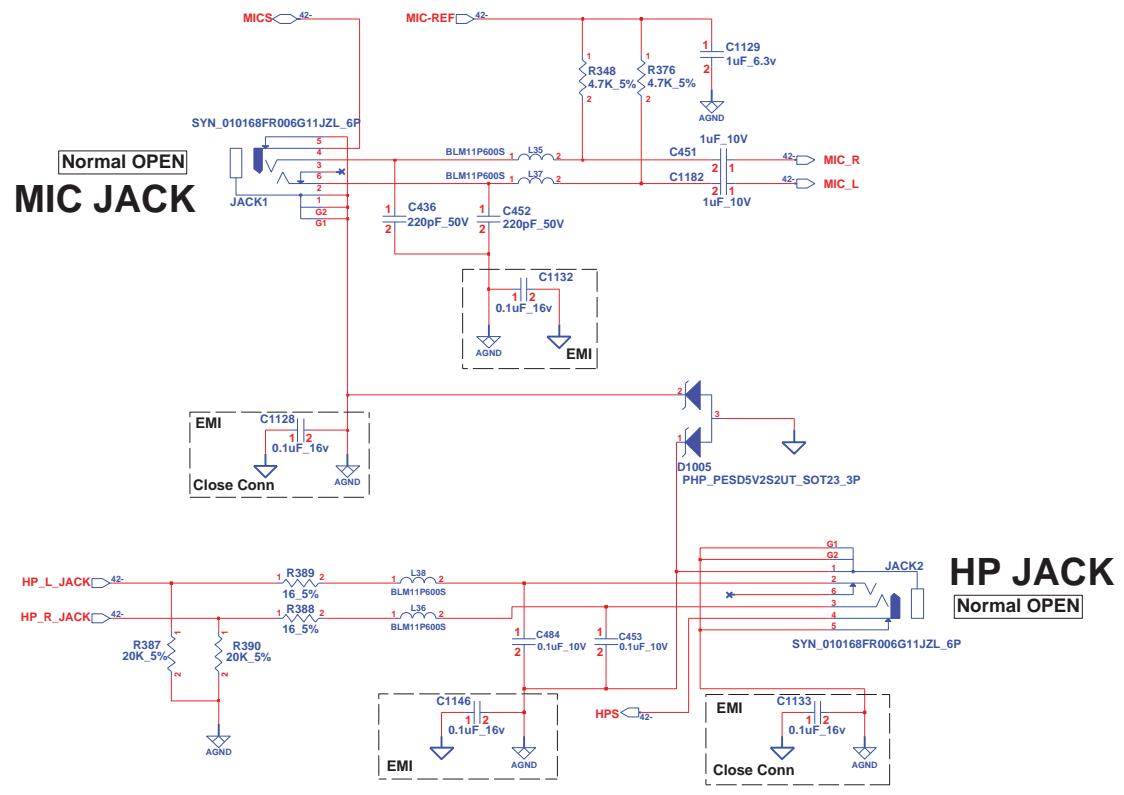
<http://laptop-motherboard-schematic.blogspot.com/>



PORT	Discription	Sense
A	NO USE	
B	Headphone	HPS
C	Microphone	MICS
D	SPKR	
E	NO USE	
F	NO USE	

INT-SPEAKER CONN

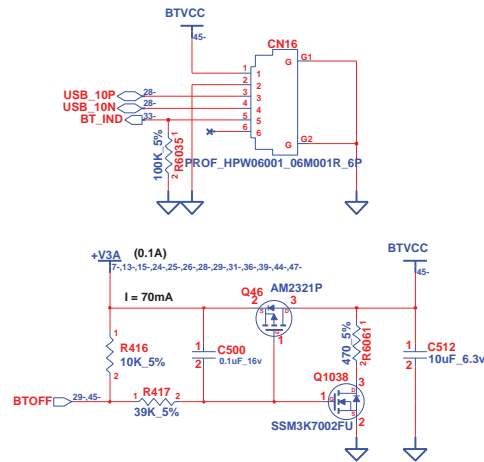
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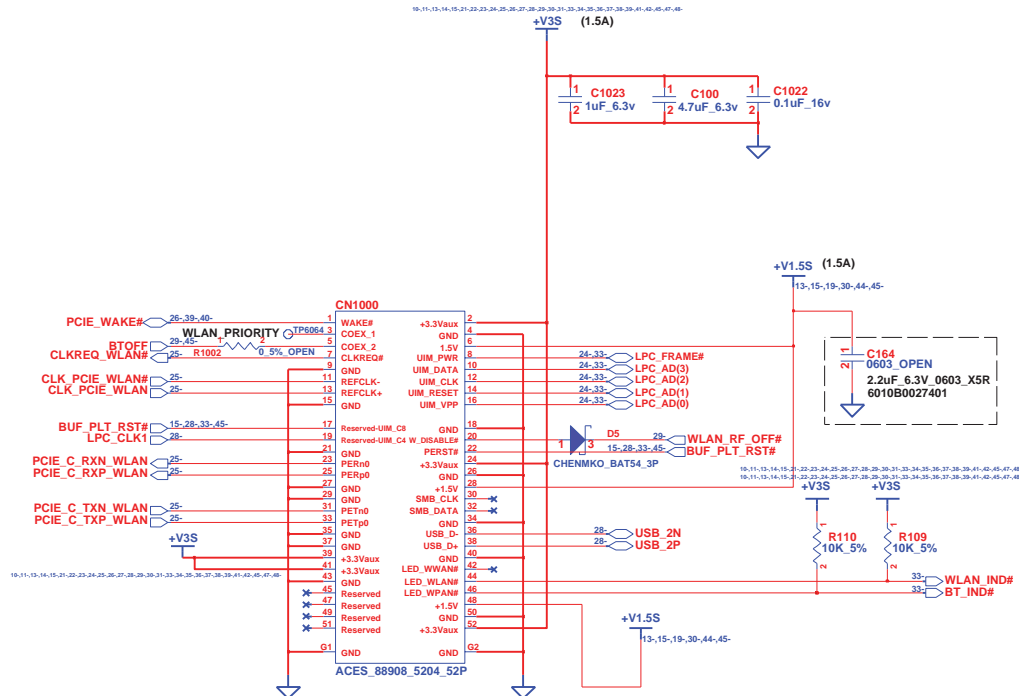
<http://laptop-motherboard-schematic.blogspot.com/>

INVENTEC			
TITLE: MURRAY			
HP JACK & MIC JACK			
SIZE A3	CODE CS	DOC. NUMBER 1310A23512-0-MTR	REV A03
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BLUETOOTH CONN



WLAN CONN (MINICARD)



***BOM**
CN1000 : 6026B0184301

INVENTEC

TITLE MURRAY WLAN, BT & WebCAM			
SIZE A3	CODE CS	DOC. NUMBER 1310A23512-0-MTR	REV A03
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ESATA CONN
(without Re-Driver chip)

CPU's screws

for PCH

for MB

USB BOARD Cable on MB

PBN Cable CN on MB

EMI CAPS

INVENTEC
MURRAY
ESATA, SCREW & LID

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A23512-0-MTR	A03

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ESATA CONN (without Re-Driver chip)

Components: +V5A (2A), C6022, U22, ANPEC_APL3510AXI_TRG_MSOP_8P, +V5A_ESATA, C1122, L34, WCM_2012_900T, CN13, TYCO_2006091_7_11P, SATA_TX4P, SATA_TX4N, SATA_RX4N, SATA_RX4P.

for PCH

Components: S16, S15, NUT P/N: 6052B0160501, *BOM.

for MB

Components: S37, S1, S2, S3, S4, S12, S9, S10, S35, S36, SCREW280_650_750_1P, SCREW280_650_1P, SCREW280_650_1P, SCREW280_650_1P, SCREW280_800_1P, SCREW280_800_1P, SCREW280_650_1P, SCREW280_650_1P.

USB BOARD Cable on MB

Components: *BOM, CN6: 6012B0104515, USBPW_EN, USB_8P, USB_8N, USB_9P, USB_9N, ACES_88501_1601_16P, ACES_88501_1601_16P, ACES_50224_00401_001_4P, ACES_50224_00401_001_4P, CN5004, CN5006.

PBN Cable CN on MB

Components: +V3A, +V5A, CN2, ACES_88502_060N_6P, *BOM, CN2: 6012B0245903, PWR_LED#, EC_PWRBTN#, LID_SW#, R10, R11, C16.

EMI CAPS

Components: +V3AL, +V15S, +V3A, +V5A, +VTT, +VCC_CORE, +V5S, +V5A, C807, C808, C809, C810, C811, C812, C813, C814, C815, C816, C817, C818, C819, C820, C821, C822, C823, C824, C825, C826, C827, C828, C829, C830, C831, C832, C833, C834, C835, C836, C837, C838, C839, C840, C841, C842, C843, C844, C845, C846, C847, C848, C849, C850, C851, C852, C853, C854, C855, C856, C857, C858, C859, C860, C861, C862, C863, C864, C865, C866, C867, C868, C869, C870, C871, C872, C873, C874, C875, C876, C877, C878, C879, C880, C881, C882, C883, C884, C885, C886, C887, C888, C889, C890, C891, C892, C893, C894, C895, C896, C897, C898, C899, C900, C901, C902, C903, C904, C905, C906, C907, C908, C909, C910, C911, C912, C913, C914, C915, C916, C917, C918, C919, C920, C921, C922, C923, C924, C925, C926, C927, C928, C929, C930, C931, C932, C933, C934, C935, C936, C937, C938, C939, C940, C941, C942, C943, C944, C945, C946, C947, C948, C949, C950, C951, C952, C953, C954, C955, C956, C957, C958, C959, C960, C961, C962, C963, C964, C965, C966, C967, C968, C969, C970, C971, C972, C973, C974, C975, C976, C977, C978, C979, C980, C981, C982, C983, C984, C985, C986, C987, C988, C989, C990, C991, C992, C993, C994, C995, C996, C997, C998, C999, C1000.

INVENTEC

TITLE: MURRAY ESATA, SCREW & LID

SIZE: A3 CS

CODE: 1310A23512-0-MTR

DOC. NUMBER: 1310A23512-0-MTR

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ESATA CONN
(without Re-Driver chip)

CPU's screws

for PCH

for MB

USB BOARD Cable on MB

PBN Cable CN on MB

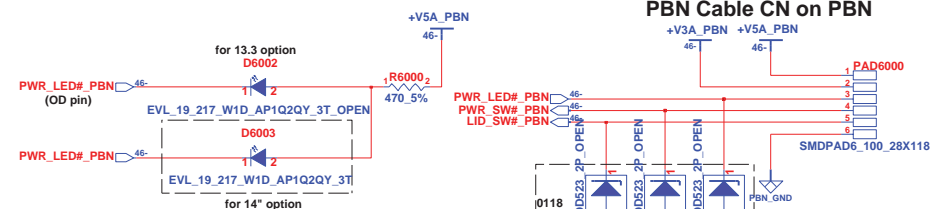
EMI CAPS

for RF

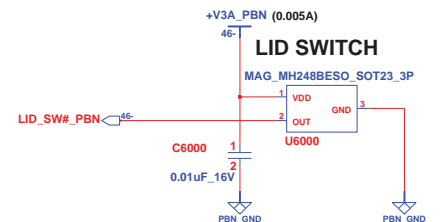
INVENTEC
TITLE MURRAY
ESATA, SCREW & LID
SIZE CODE DOC NUMBER REV
A3 CS 1310A23512-0-MTR A03
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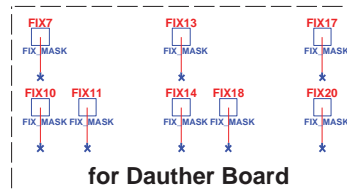
Power Button Board



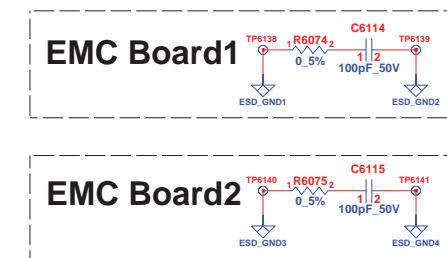
POWER BUTTON



USB CONN02



EMC Board2



INVENTEC

TITLE			
MURRAY <i>USB, PowerButton (DB)</i>			
SIZE	CODE	DOC. NUMBER	REV
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OPTION PART

WWAN

SIM CARD CONN

for WWAN

*BOM
CN1004 : 6026B0184301

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INVENTEC

TITLE MURRAY
WWAN(Optional)

SIZE A3 CODE CS DOC. NUMBER 1310A23512-0-MTR REV A03

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OPTION PART

WWAN

SIM CARD CONN

for WWAN

*BOM
CN1004 : 6026B0184301

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INVENTEC

TITLE MURRAY
WWAN(Optional)

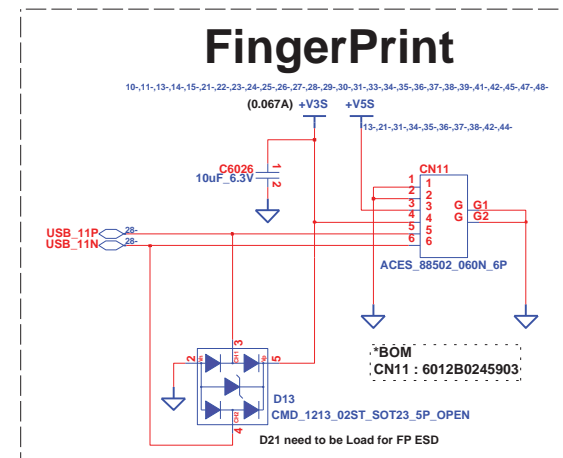
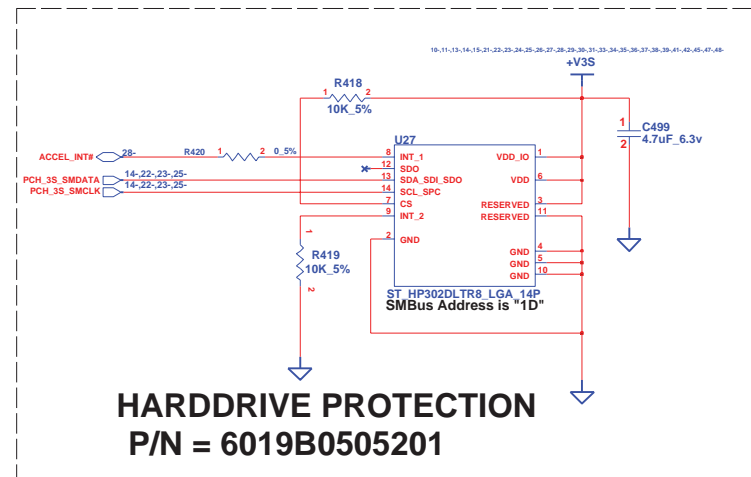
SIZE A3 CODE CS DOC. NUMBER 1310A23512-0-MTR REV A03

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[illegible]

OPTION PART



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INVENTEC			
TITLE: MURRAY			
Touchscreen, FP & HD LOCK (Option)			
SIZE: A3	CODE: CS	DOC. NUMBER: 1310A23512-0-MTR	REV: A03
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