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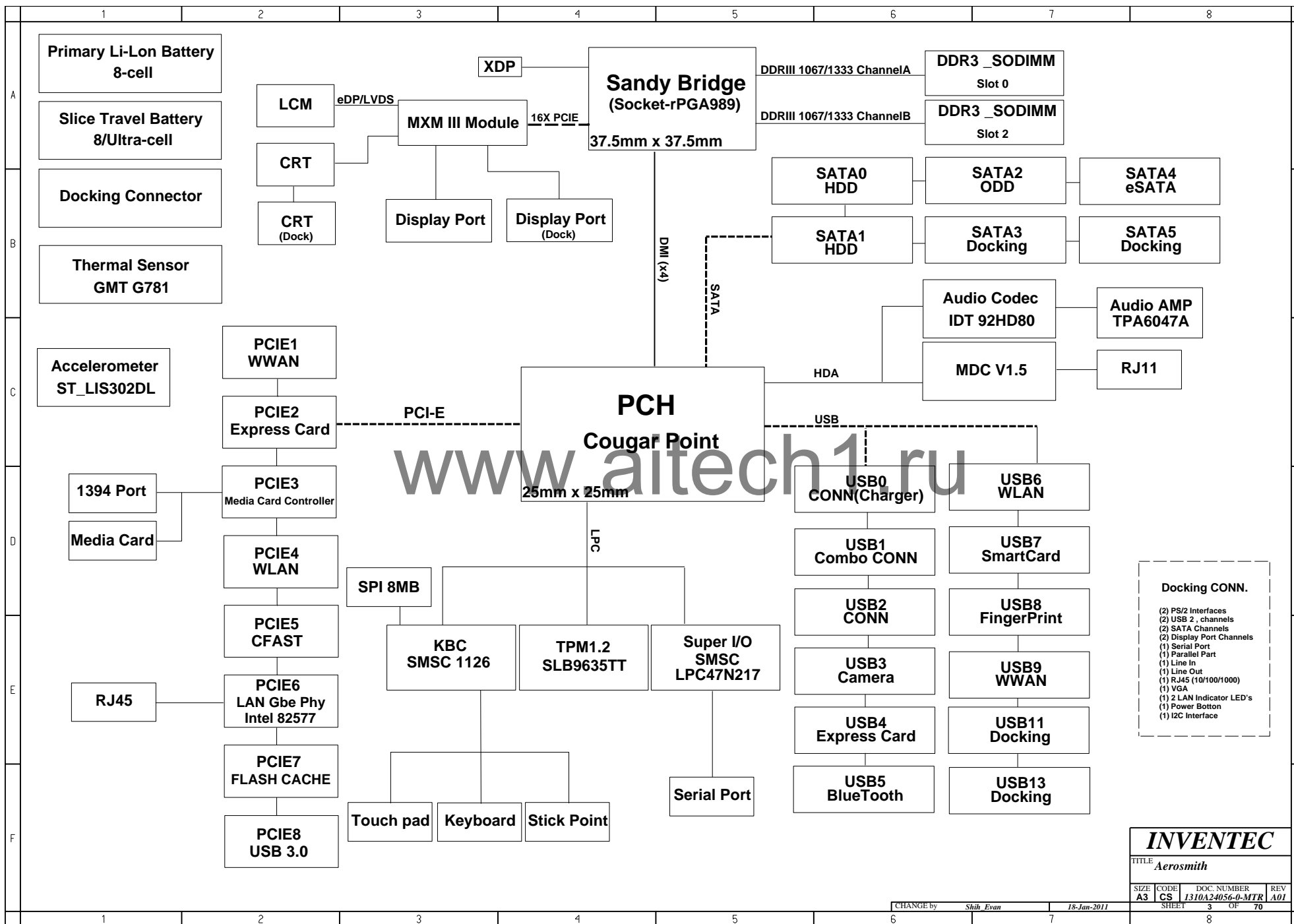
TABLE OF CONTENTS

5- DC IN & BATTERY CHARGER	31- PCH_3	57- AUDIO
6- SELECT & BATTERY CONN	32- PCH_4	58- AUDIO
7- SYSTEM POWER(3V/5V)	33- PCH_5	59- USB PORT(CHARGER)
8- SYSTEM POWER(+V1.5/+V0.75S)	34- PCH_6	60- SYSTEM LED
9- SYSTEM POWER(+V1.8S/Turbo Boost)	35- PCH_7	61- DISPLAY PORT
10- SYSTEM POWER(+VCCP/+V1.05M_LAN)	36- PCH_8	62- USB & eSATA COMBO
11- CPU POWER(+V0.85S)	37- PCH_9	63- USB 3.0 CONTROLLER
12- CPU POWER(+VCC_CORE)	38- KBC & SPI	64- USB 3.0 CONNECTOR
13- CPU POWER(+VCC_CORE)	39- KEYBOARD	65- CARD READER
14- POWER(SLEEP)	40- SUPER I/O	66- SD/MMC & 1394A
15- POWER(SEQUENCE)	41- KB BL&POINT STICK&TOUCH PAD	67- CFAST
16- FAN & THERMAL SENSOR	42- HDD & ODD	68- POWER SW & HALL SENSOR
17- XDP CONNECTOR	43- BT & FP & CAMERA	69- SYSTEM SW & LED
18- SANDY BRIDGE_1	44- ACCELEROMETER	70- SCREW
19- SANDY BRIDGE_2	45- TPM & MDC	
20- SANDY BRIDGE_3	46- LAN PHY	
21- SANDY BRIDGE_4	47- LAN SWITCH RJ45	
22- SANDY BRIDGE_5	48- WLAN & WWAN & SIM CARD	
23- SANDY BRIDGE_6	49- FLASH CACHE--MINI CARD	
24- DDR3-DIMM0(A)	50- SMART CARD	
25-	51- EXPRESS CARD	
26-	52- LED	
27- DDR3-DIMM0(B)	53- LCM	
28-	54- CRT	
29- PCH_1	55- DOCKING CNTR	
30- PCH_2	56- MXM CONNECTOR	

INVENTEC

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Aerosmith			
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A3	CS	1310A2405601-0-MTR	AX2
SHEET		2	OF 70

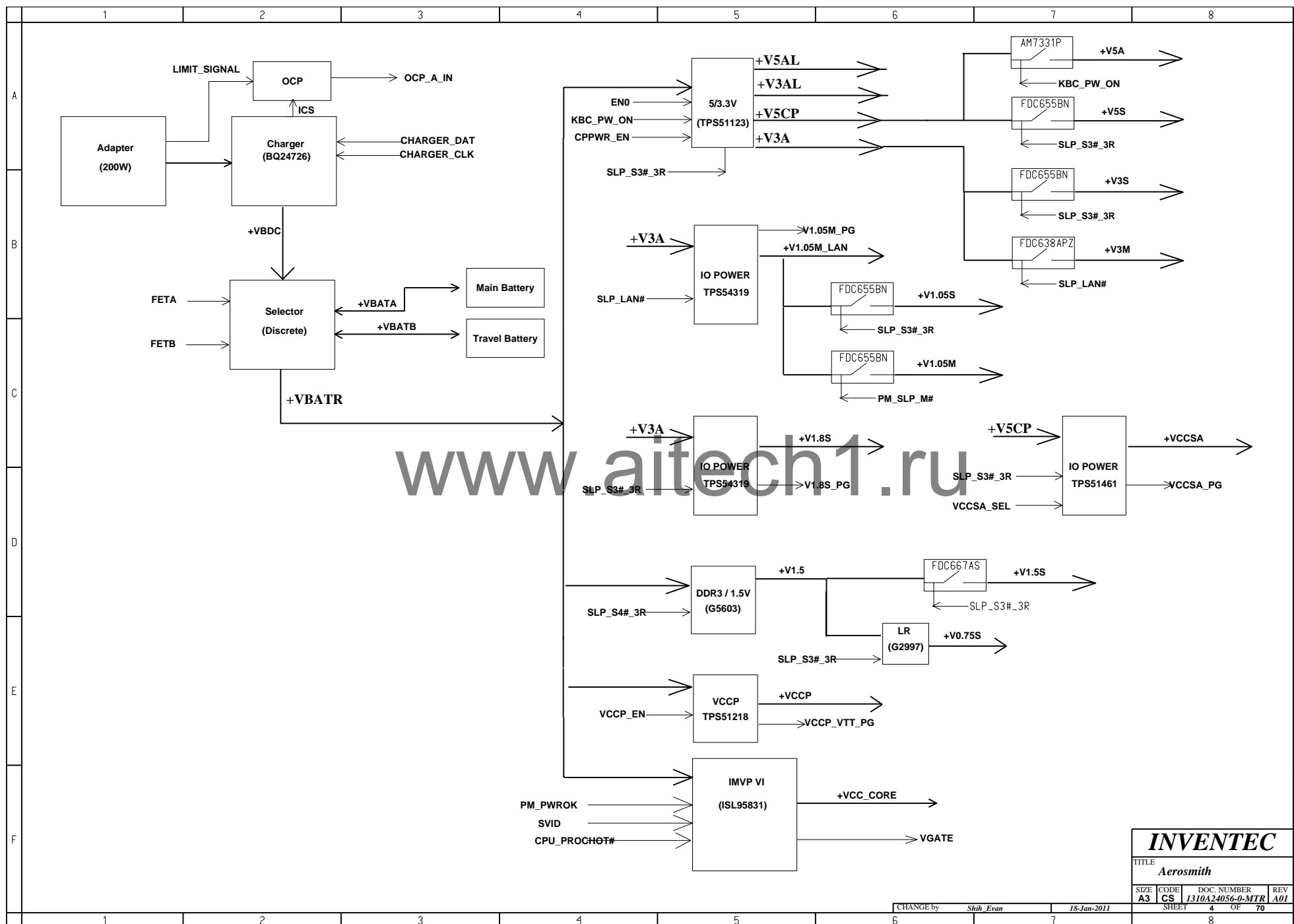
CHANGE by *Shih_Evan* 18-Jan-2011

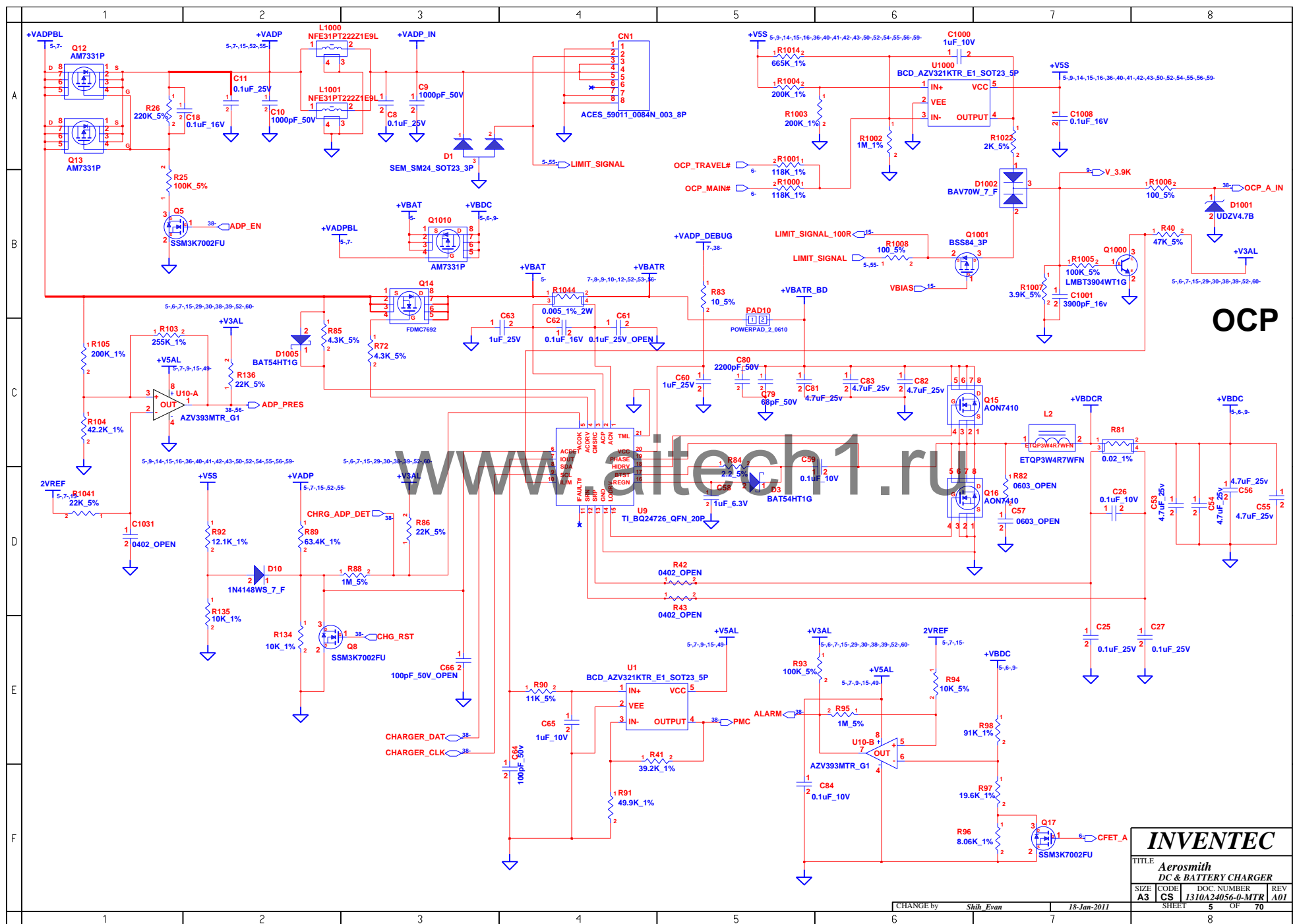


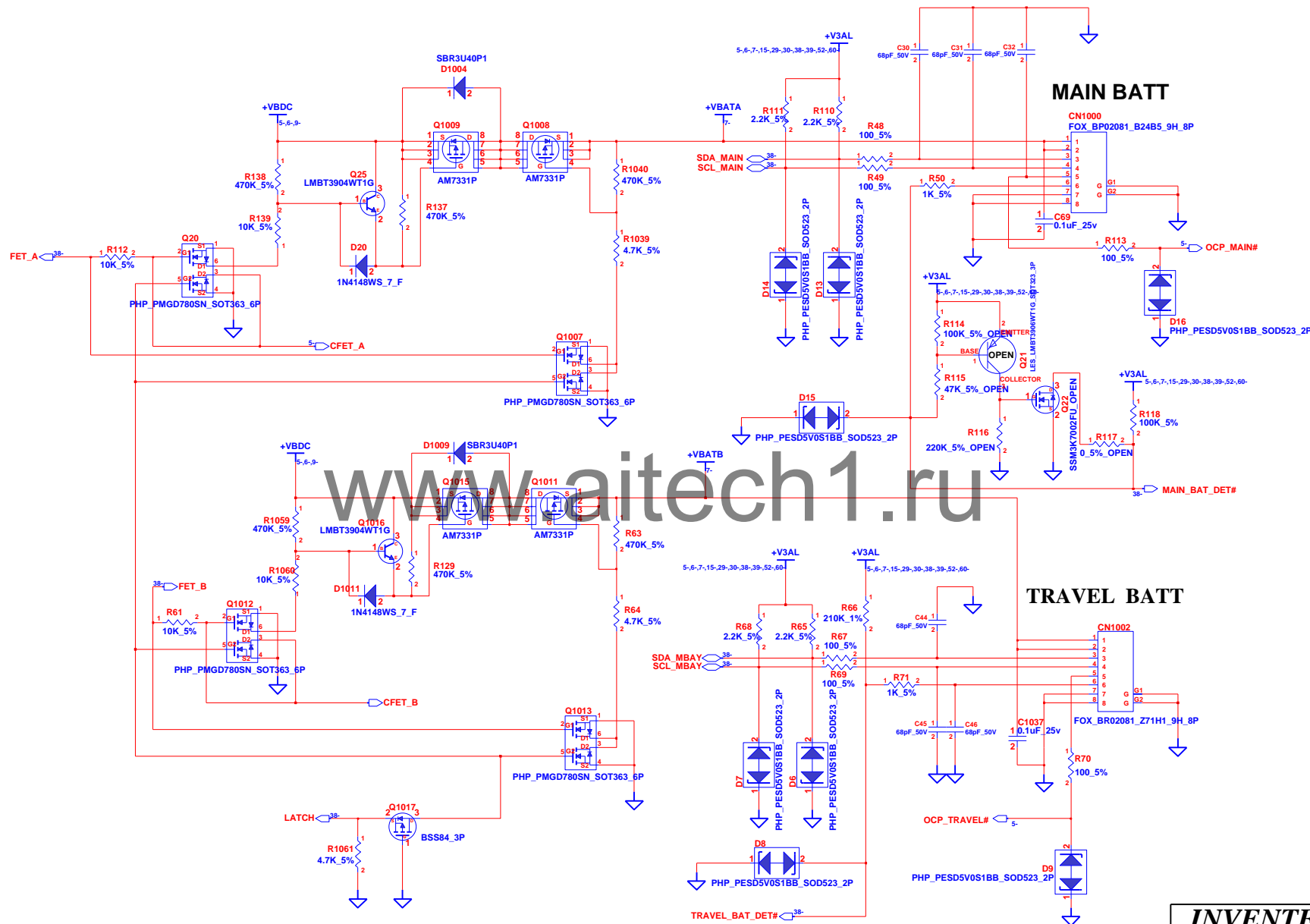
Docking CONN.

- (2) PS/2 Interfaces
- (2) USB 2 , channels
- (2) SATA Channels
- (2) Display Port Channels
- (1) Serial Port
- (1) Parallel Port
- (1) Line In
- (1) Line Out
- (1) RJ45 (10/100/1000)
- (1) VGA
- (1) 2 LAN Indicator LED's
- (1) Power Button
- (1) I2C Interface

INVENTEC			
TITLE Aerosmith			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24056-0-MTR	A01
CHANGE by		Shih_Evan	18-Jan-2011
SHEET		3	OF 70





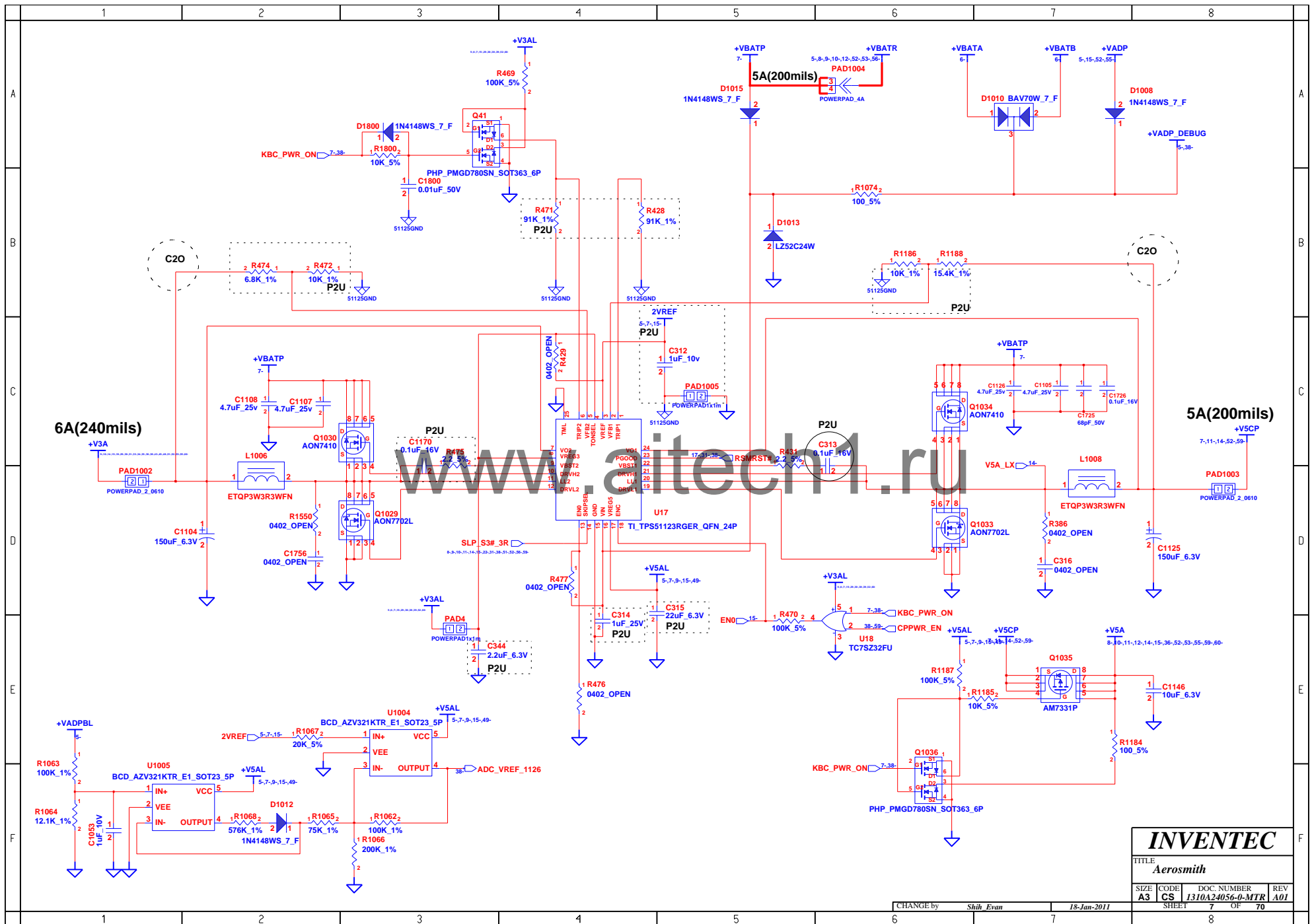


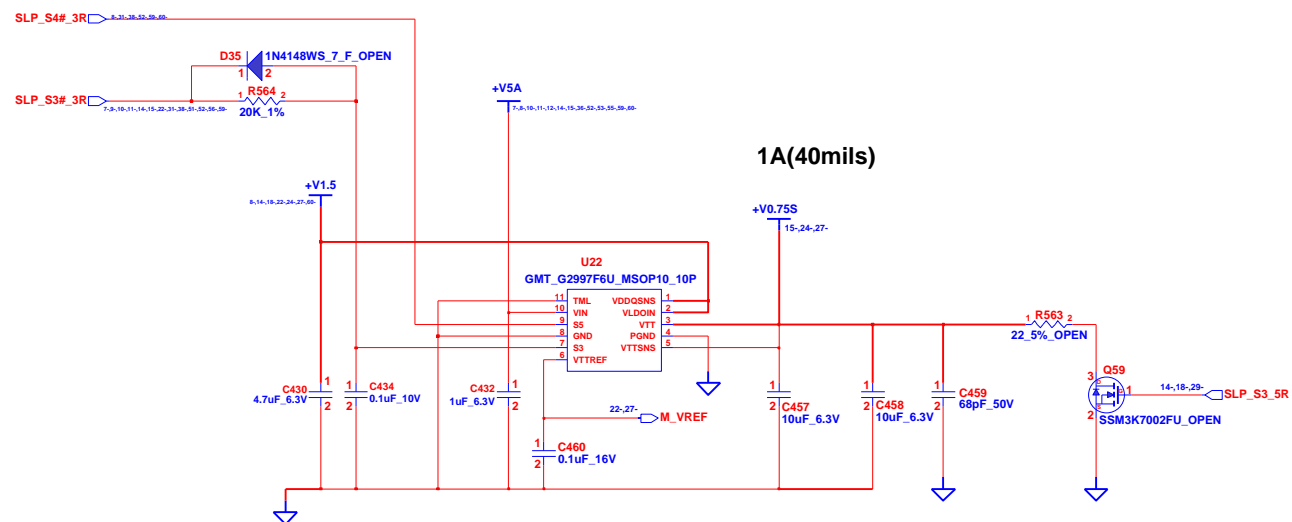
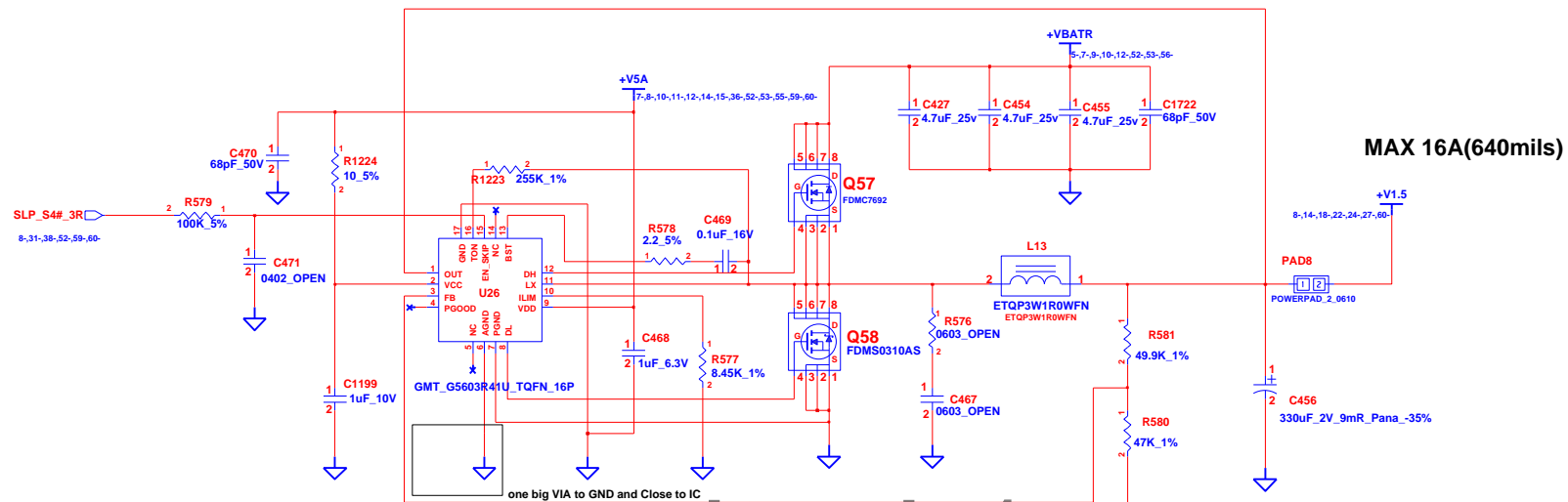
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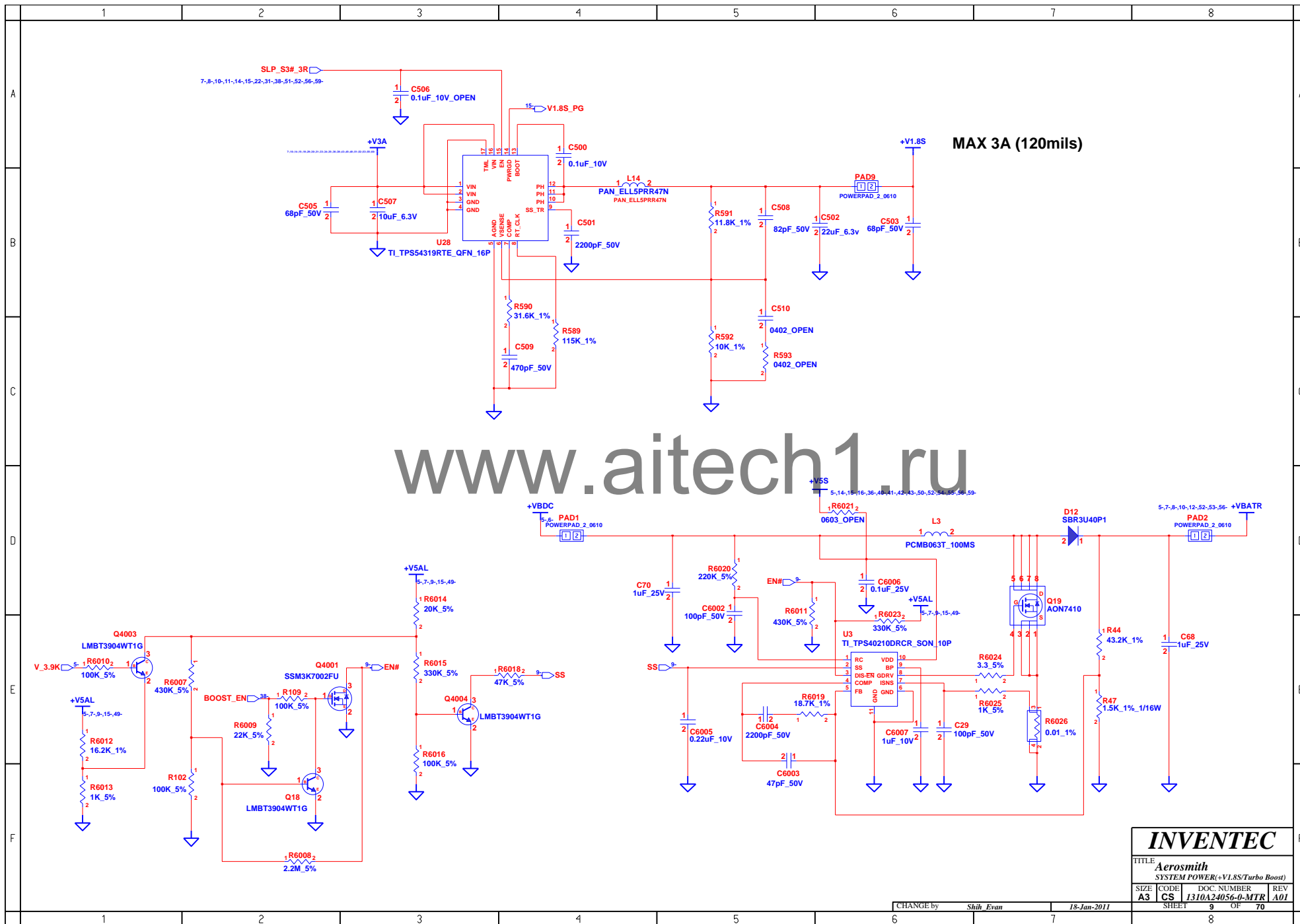
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SHEET 6		OF 70	

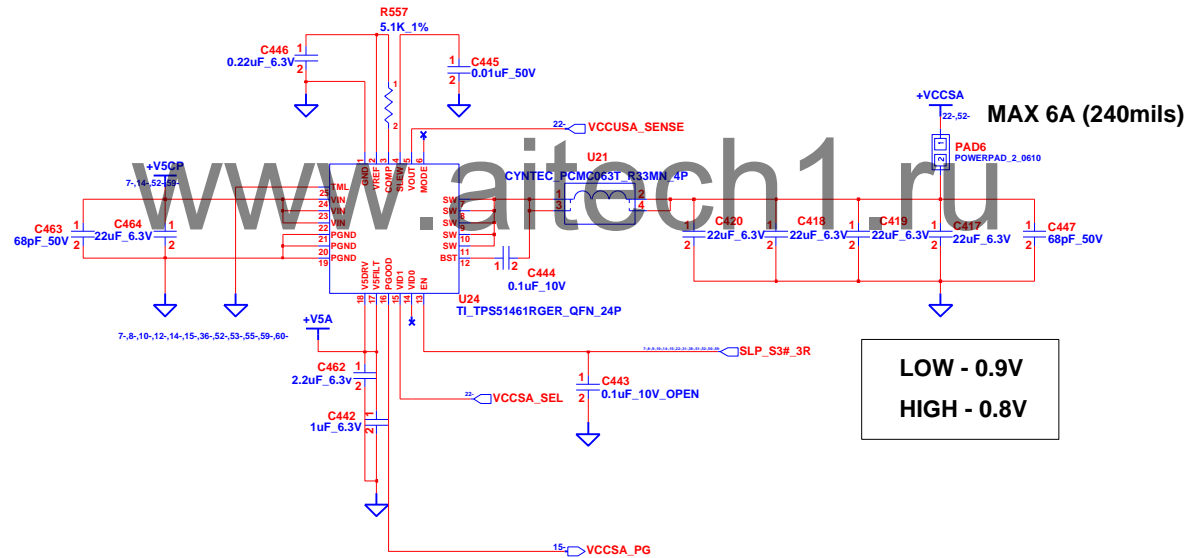
CHANGE by *Shih_Evan* 18-Jan-2011





INVENTEC			
TITLE Aerosmith SYSTEM POWER(+V1.5/+V0.75S)			
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CHANGE by Shih_Evan		18-Jan-2011	
SHEET 8		OF 70	



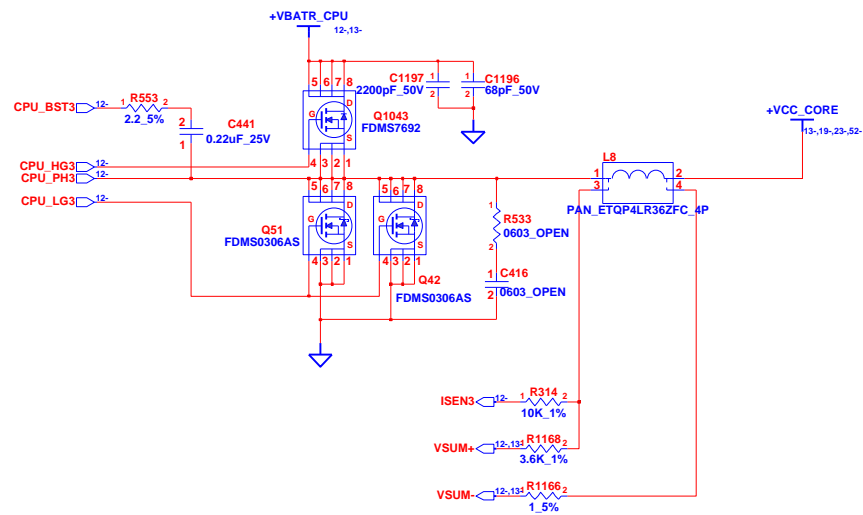
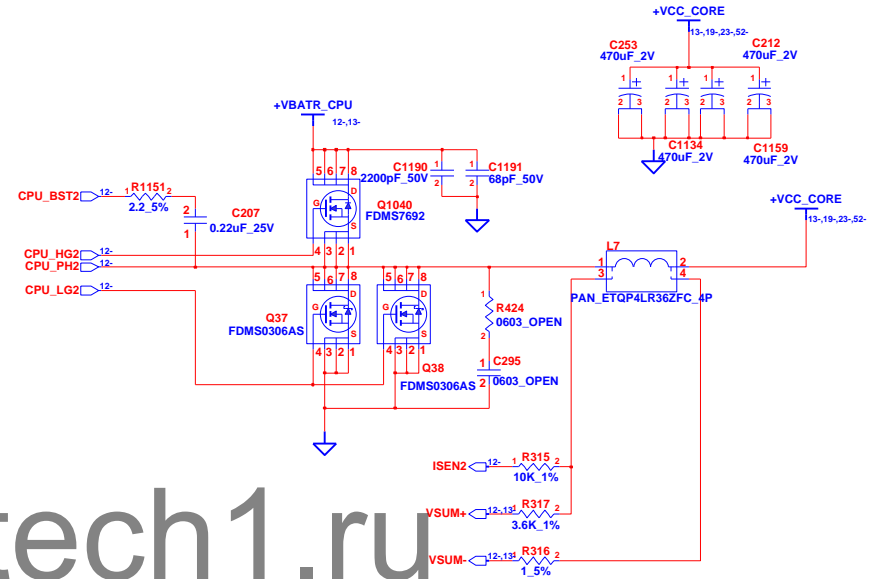
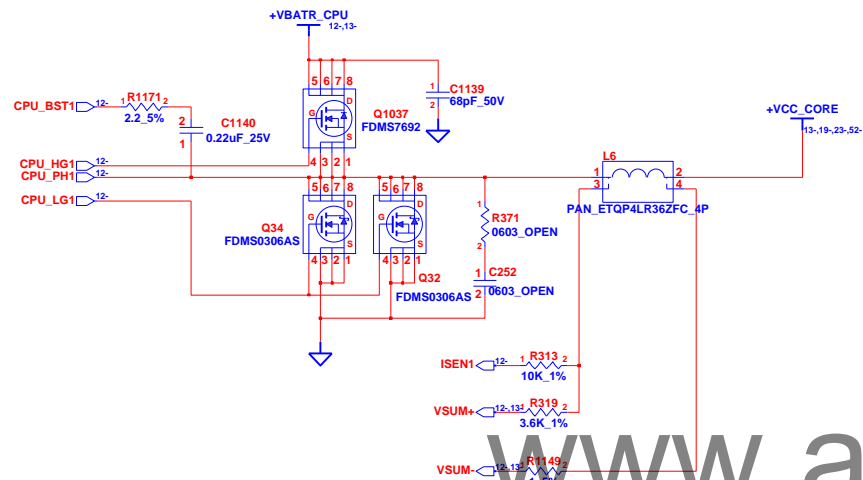


INVENTEC

TITLE Aerosmith CPU POWER(+VCCSA)			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
SHEET 11		OF 70	

CHANGE by *Shih_Evan* 18-Jan-2011

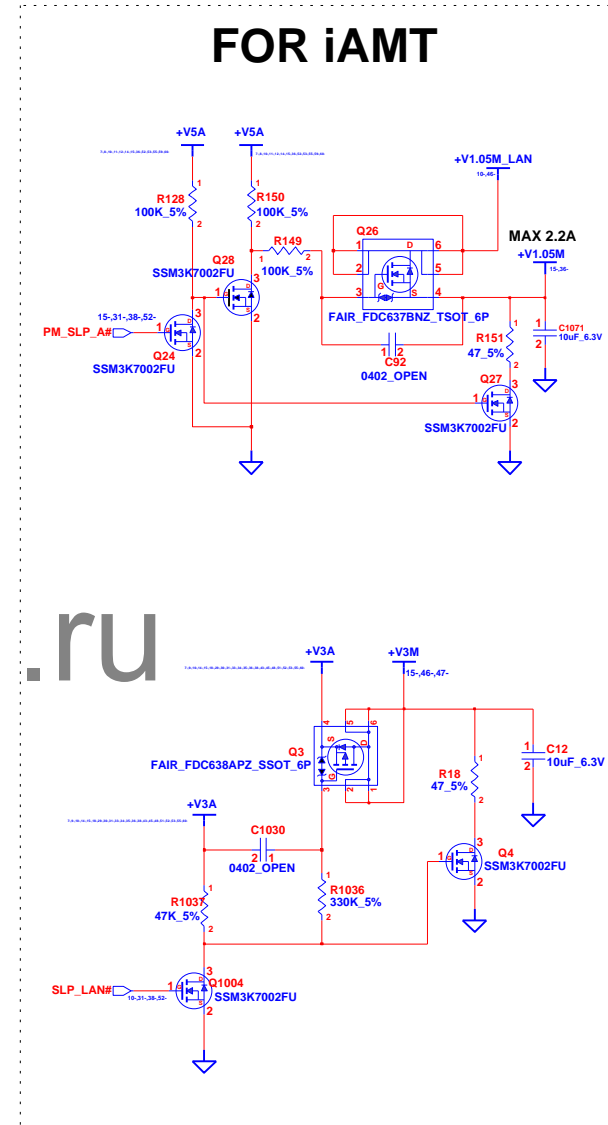
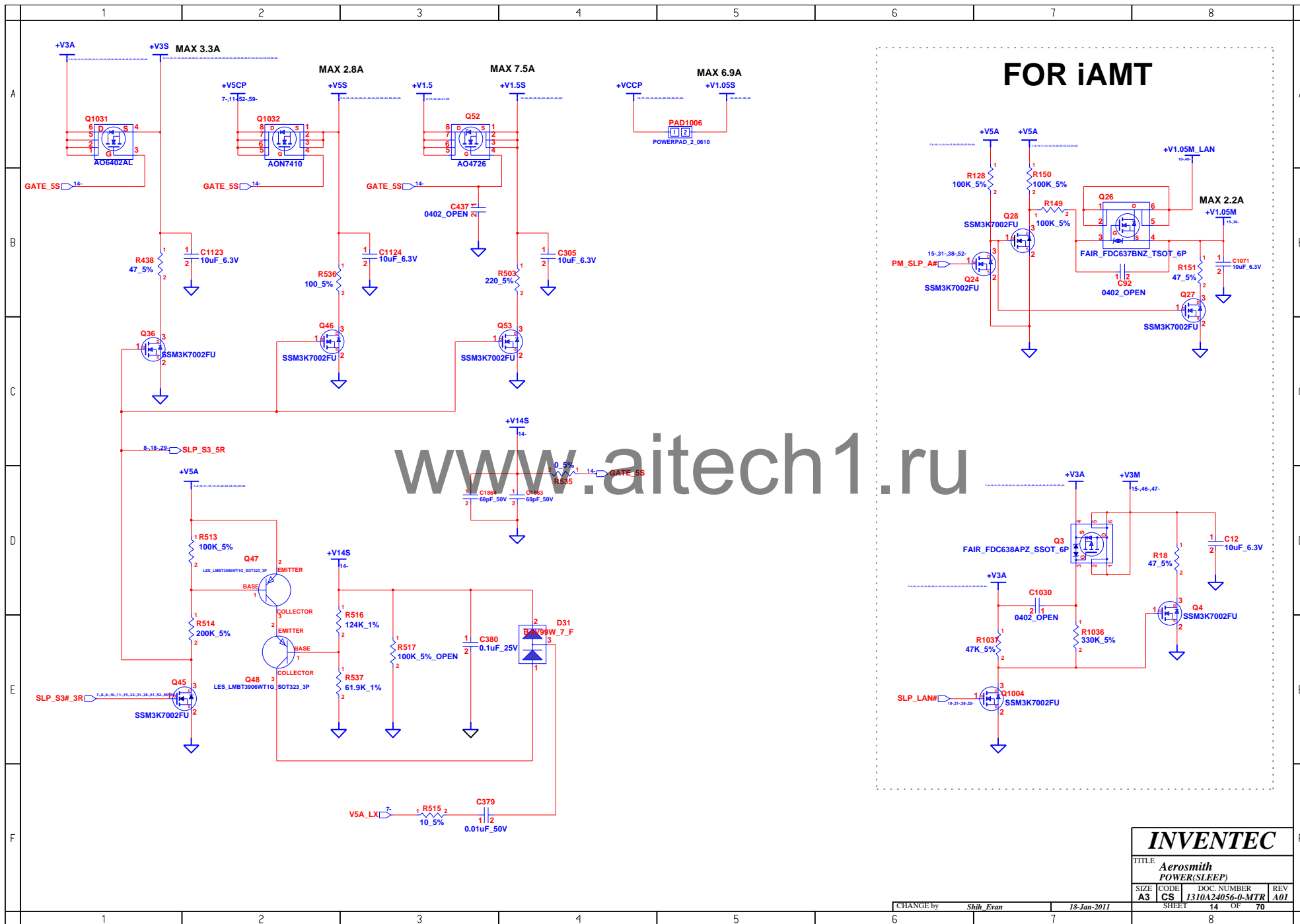
**VCC_CORE (SV 35W-->MAX 53A)
(Quad 45W-->MAX 94A)
(XE 55W-->MAX 97A)**



INVENTEC

TITLE			
Aerosmith CPU POWER(+VCC_CORE)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24056-0-MTR	A01
SHEET		13	OF 70

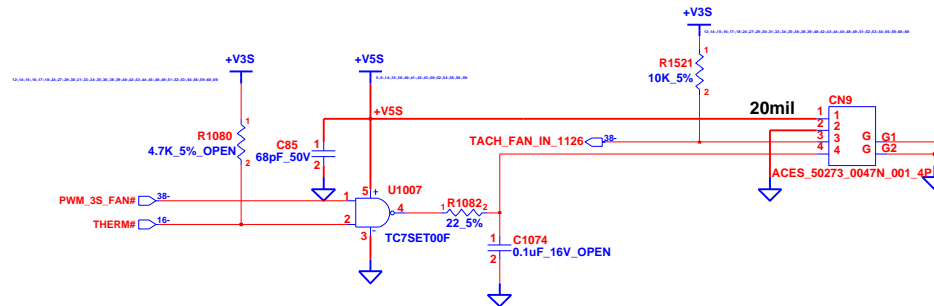
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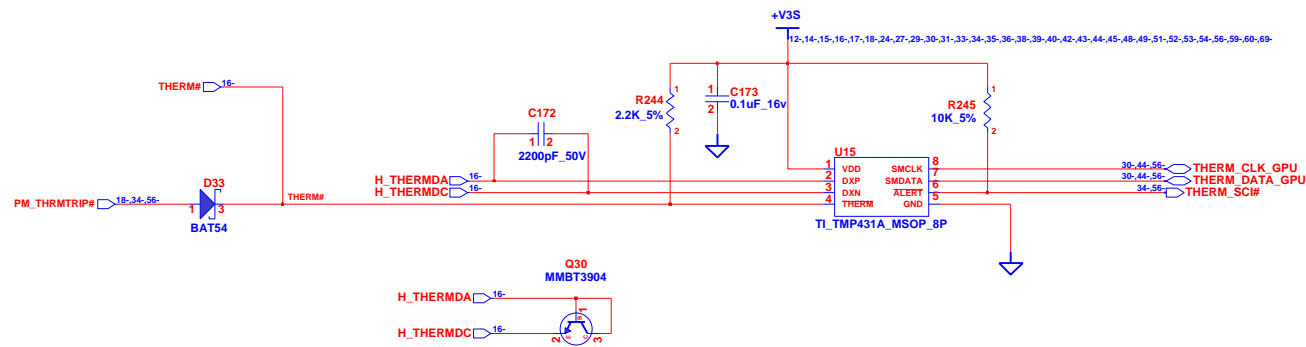
INVENTEC

TITLE Aerosmith POWER(SLEEP)			
SIZE A3	CODE CS	DOC NUMBER 1310A24056-0-MTR	REV A01
CHANGE by <i>Shih_Evan</i>		18-Jan-2011	
SHEET 14		OF 70	

FAN



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THERMAL SENSOR



INVENTEC

TITLE	<i>Aerosmith THERMAL & FAN CONTROLLER</i>
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SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
SHEET		16	OF 70

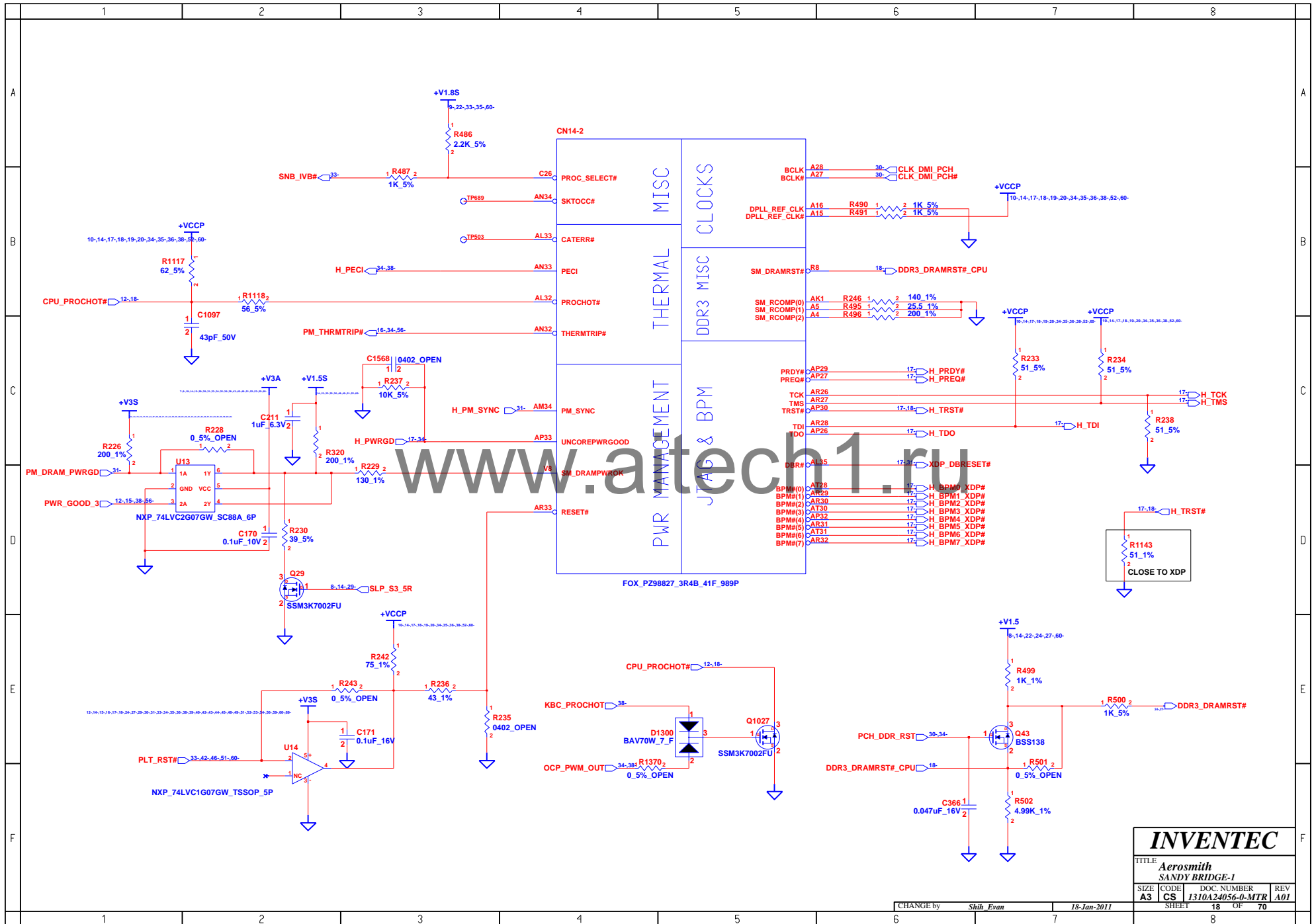
CHANGE by	<i>Shih_Evan</i>	<i>18-Jan-2011</i>
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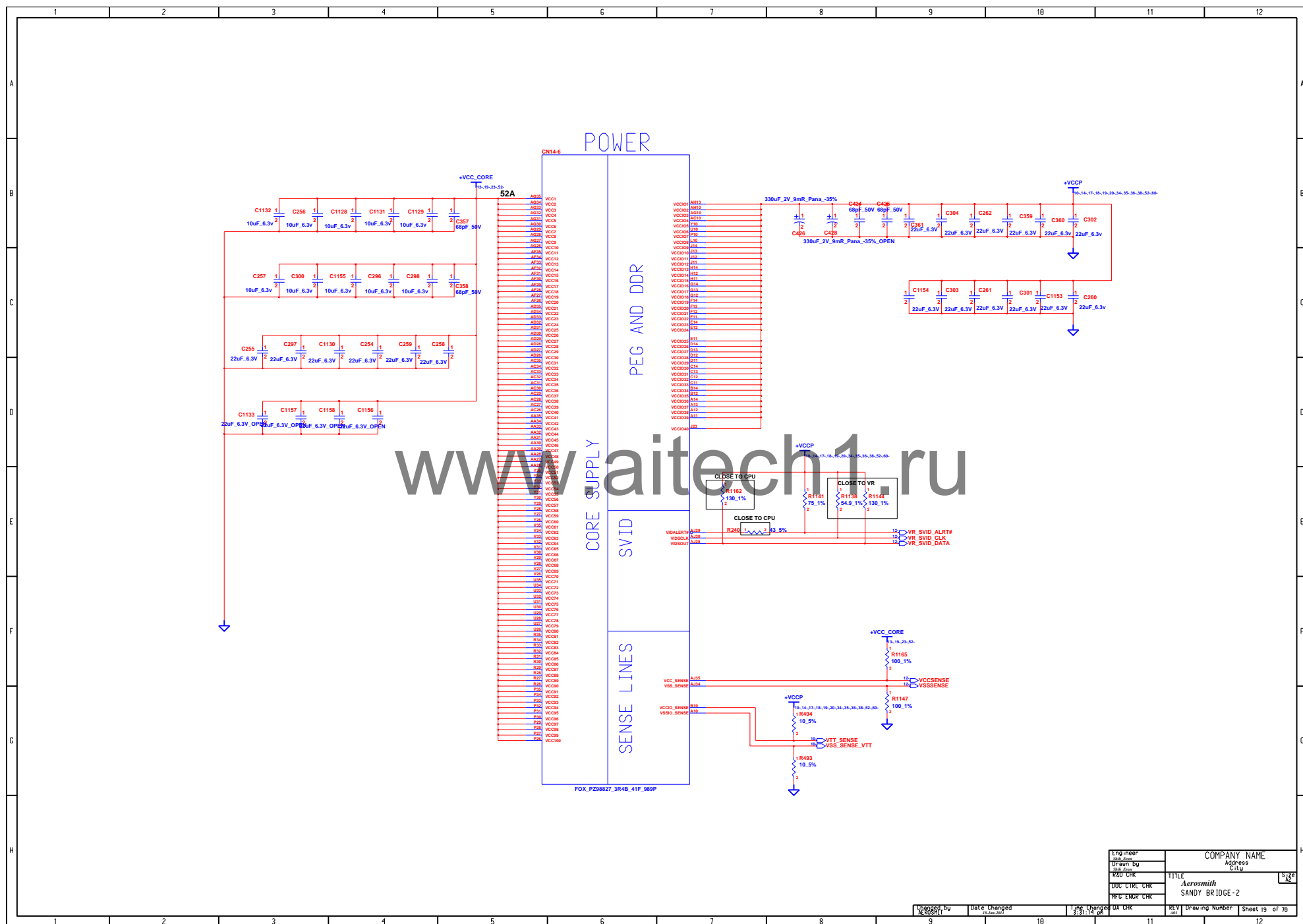
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Aerosmith XDP CONNECTOR			
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A3	CS	1310A24056-0-MTR	A01
SHEET		17 OF	70



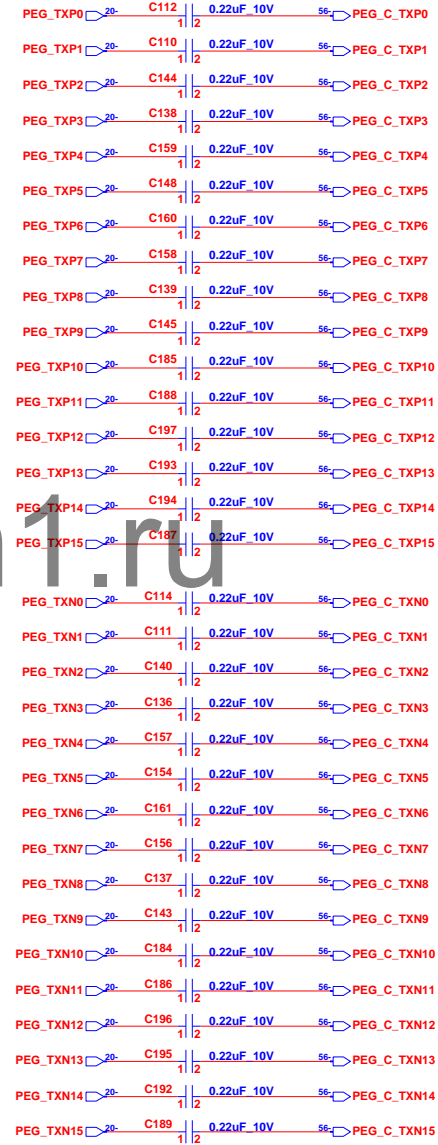
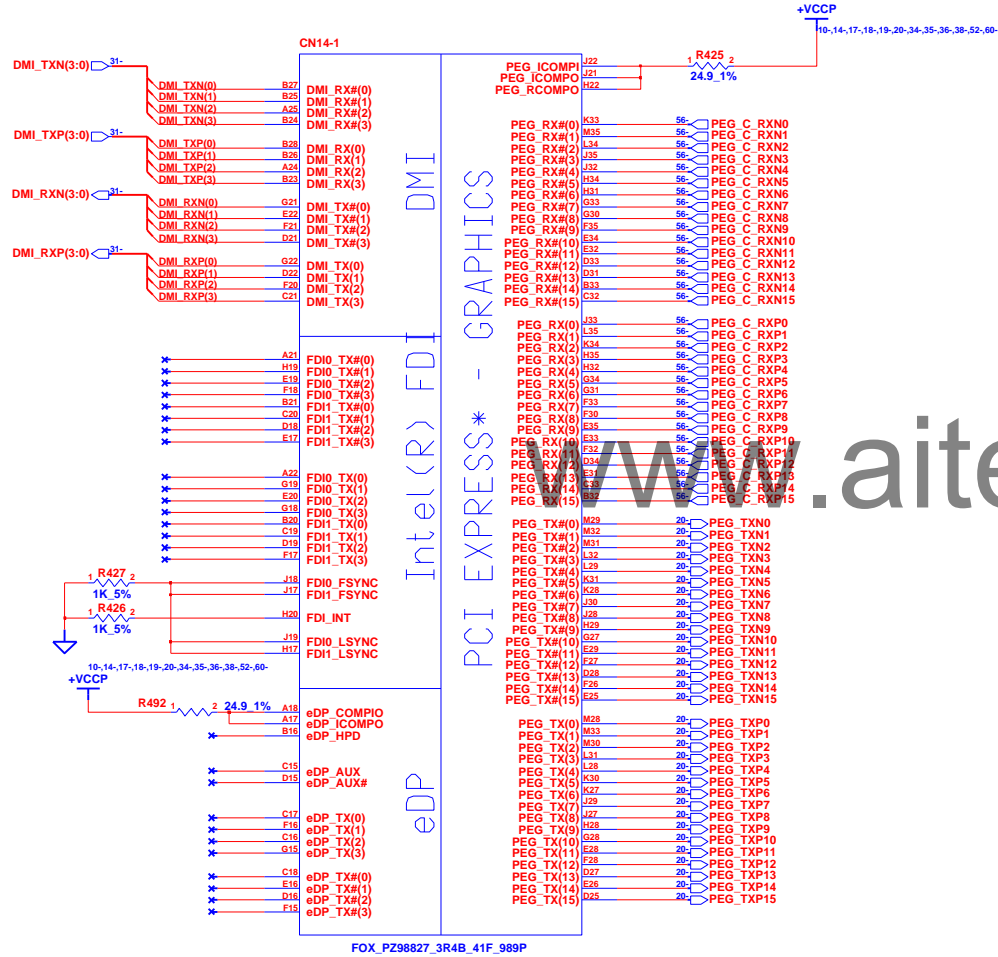
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TITLE Aerosmith SANDY BRIDGE-1			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
SHEET 18		OF 70	

CHANGE by Shih_Evan 18-Jan-2011



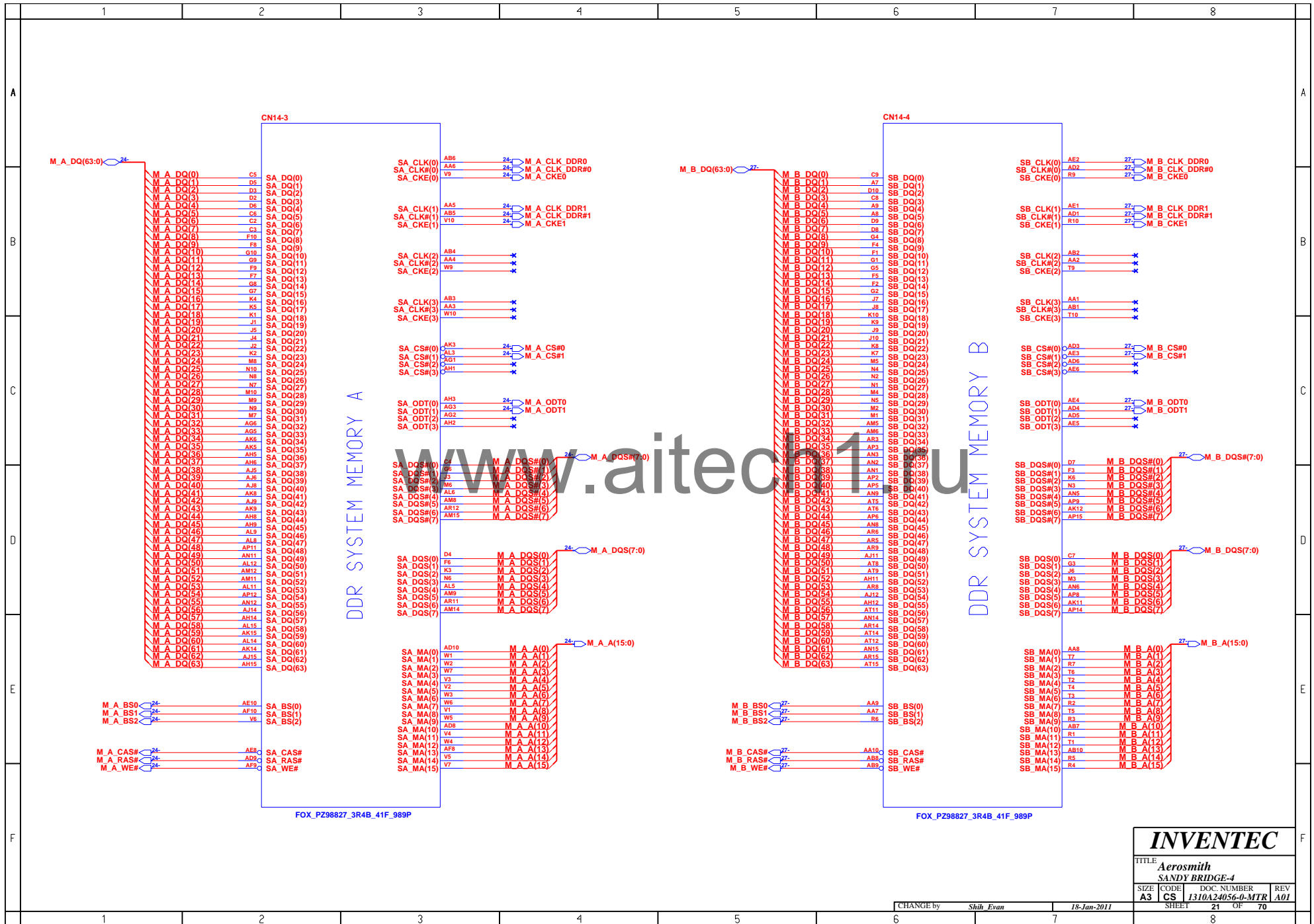
CLOSED TO CPU



INVENTEC

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SHEET 20		OF 70	

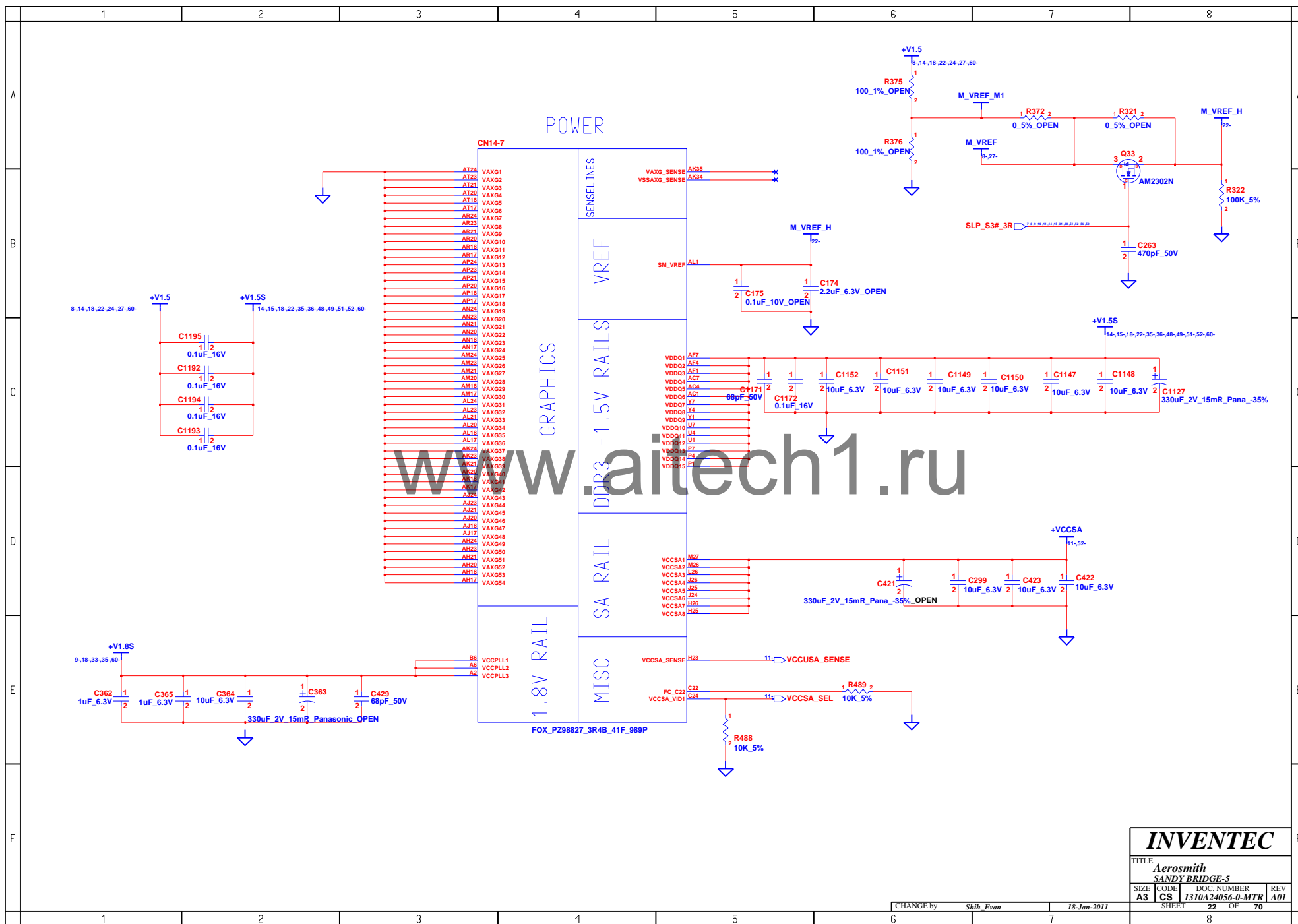
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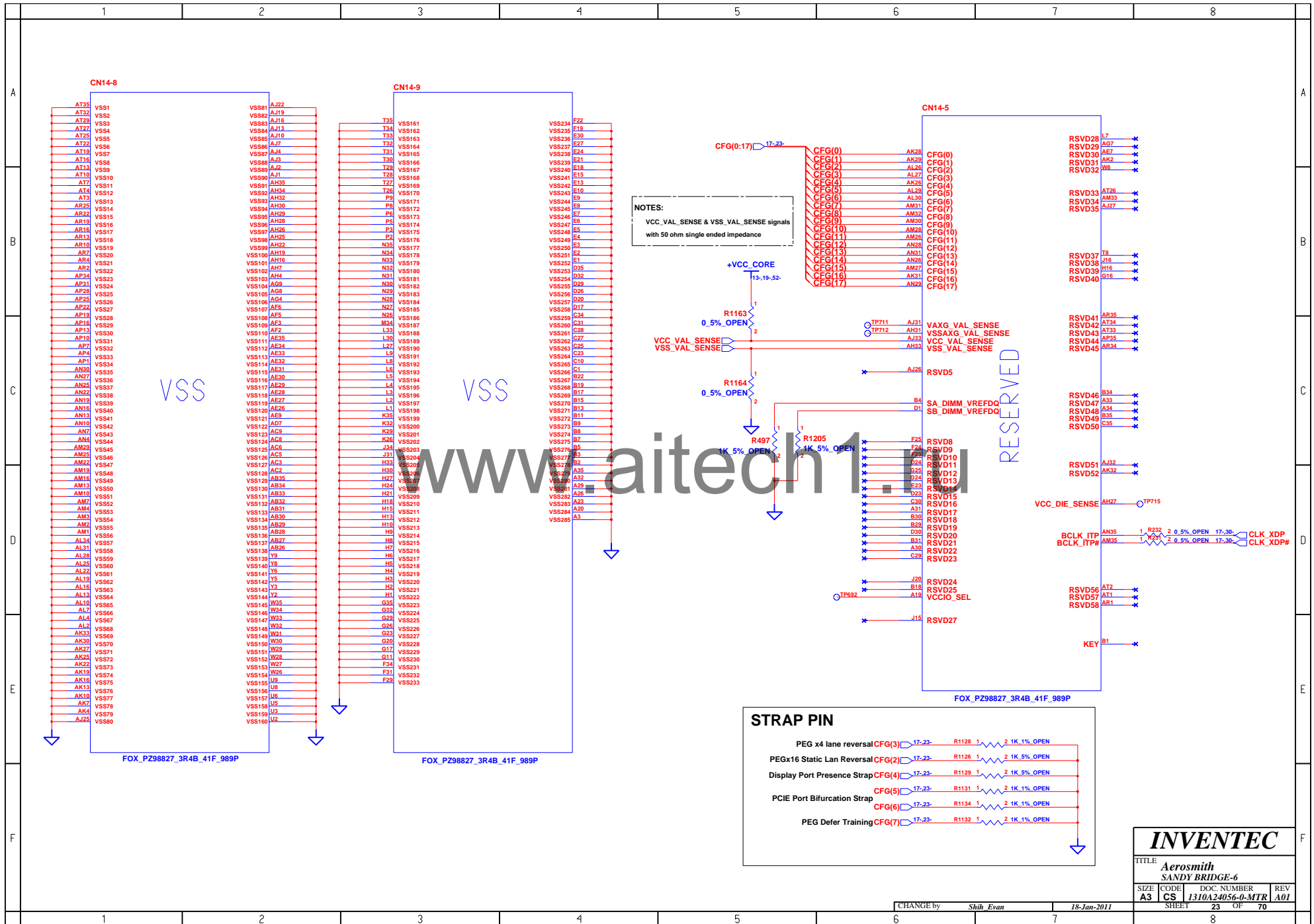


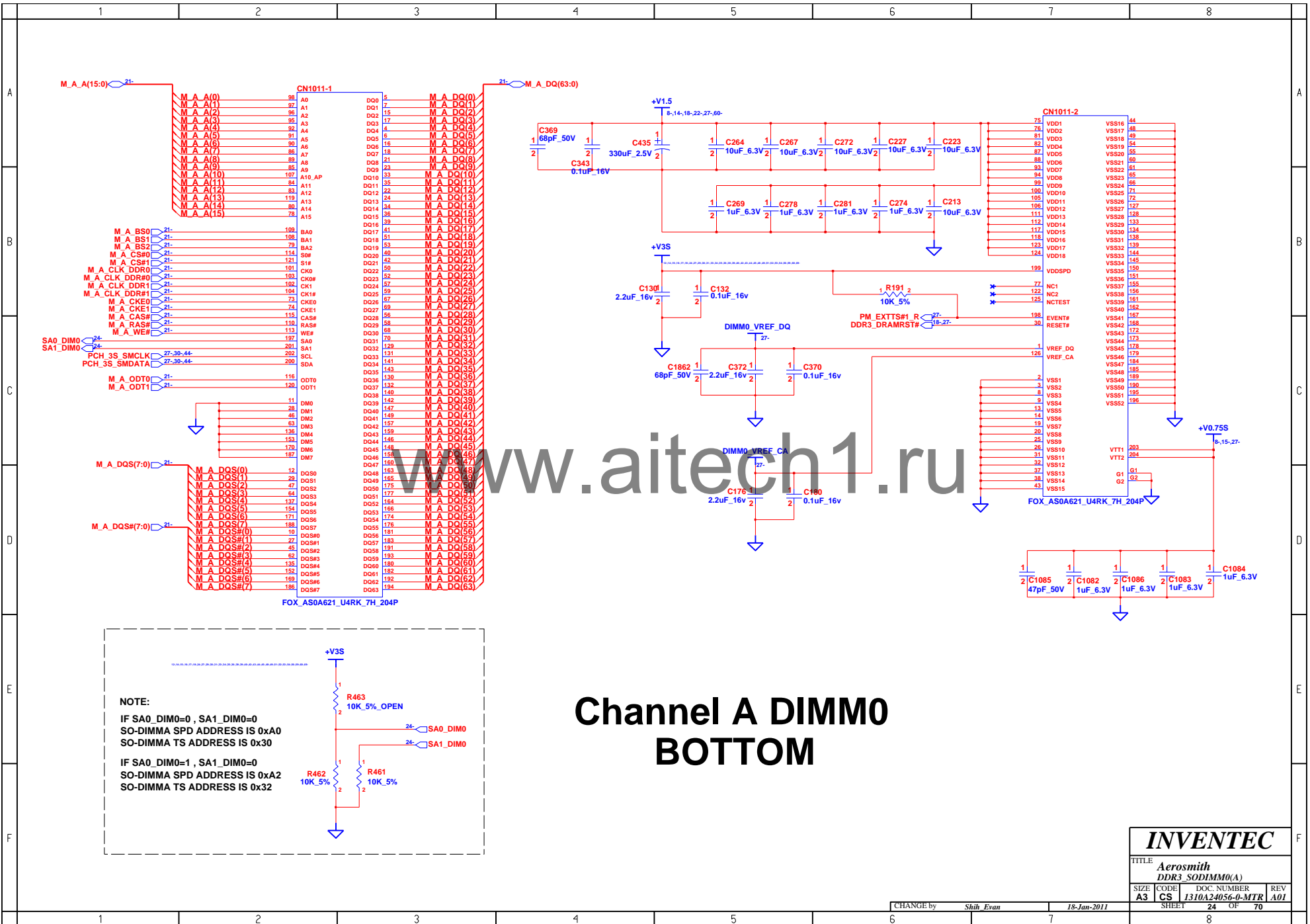
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TITLE Aerosmith SANDY BRIDGE-4			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
SHEET 21		OF 70	

CHANGE by *Shih_Evan* 18-Jan-2011







	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D
E									E
F									F
						CHANGE by <i>Shih_Evan</i>		18-Jan-2011	
						6	7	8	

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INVENTEC			
TITLE <i>Aerosmith</i>			
SIZE A3	CODE CS	DOC. NUMBER <i>1310A24056-0-MTR</i>	REV <i>A01</i>
SHEET		25	OF 70

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B									B
C									C
D									D
E									E
F									F
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						SHEET		26	OF 70
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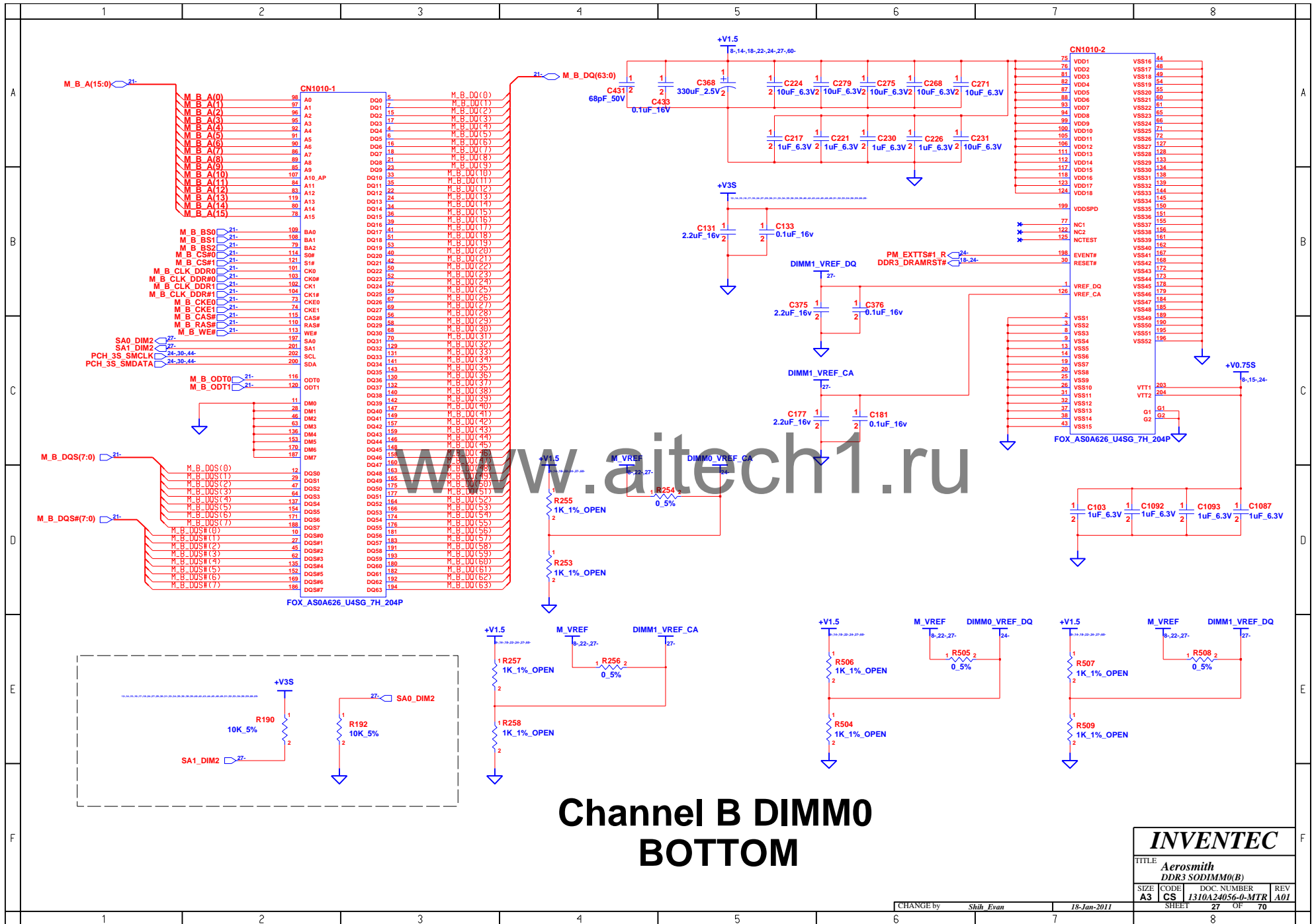
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INVENTEC

TITLE *Aerosmith*

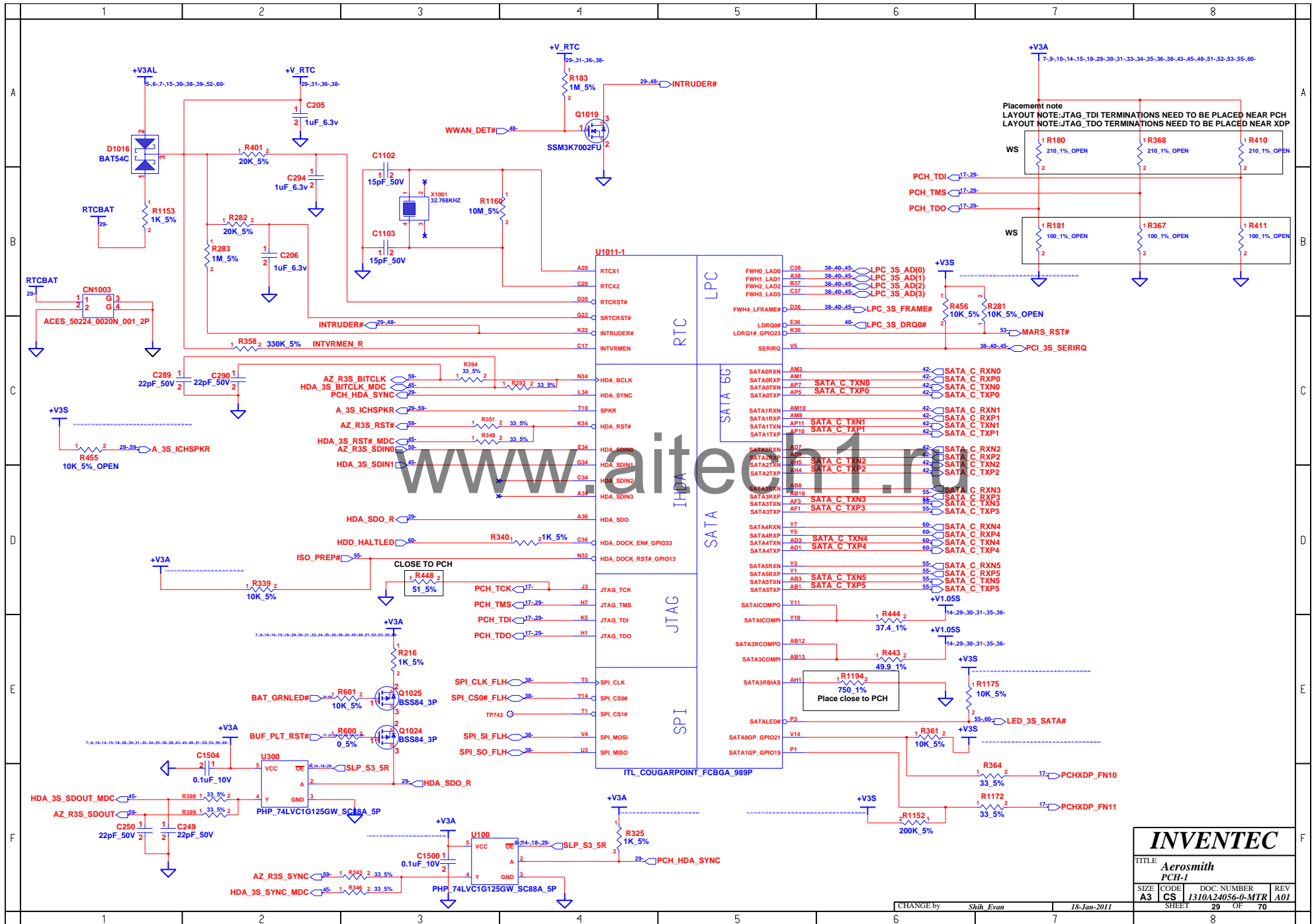
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SHEET 26 OF 70



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B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

INVENTEC			
TITLE Aerosmith DDR3 VREF			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
CHANGE by Shih_Evan		18-Jan-2011	
SHEET 28		OF 70	



INVENTEC

TITLE Aerosmith PCH-1			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
SHEET 29		OF 70	

CHANGE by *Shih_Evan* 18-Jan-2011

Note: 1.SLP_SUS and SUSACK# are NC if DSW is not supported
 2.DPWROK should connect to RSMRST# if DSW not supported
 3.PCH_DPWROK pull up to +V3S enables DSW support. No install R5261 to disable DSW

A

A

B

B

C

C

D

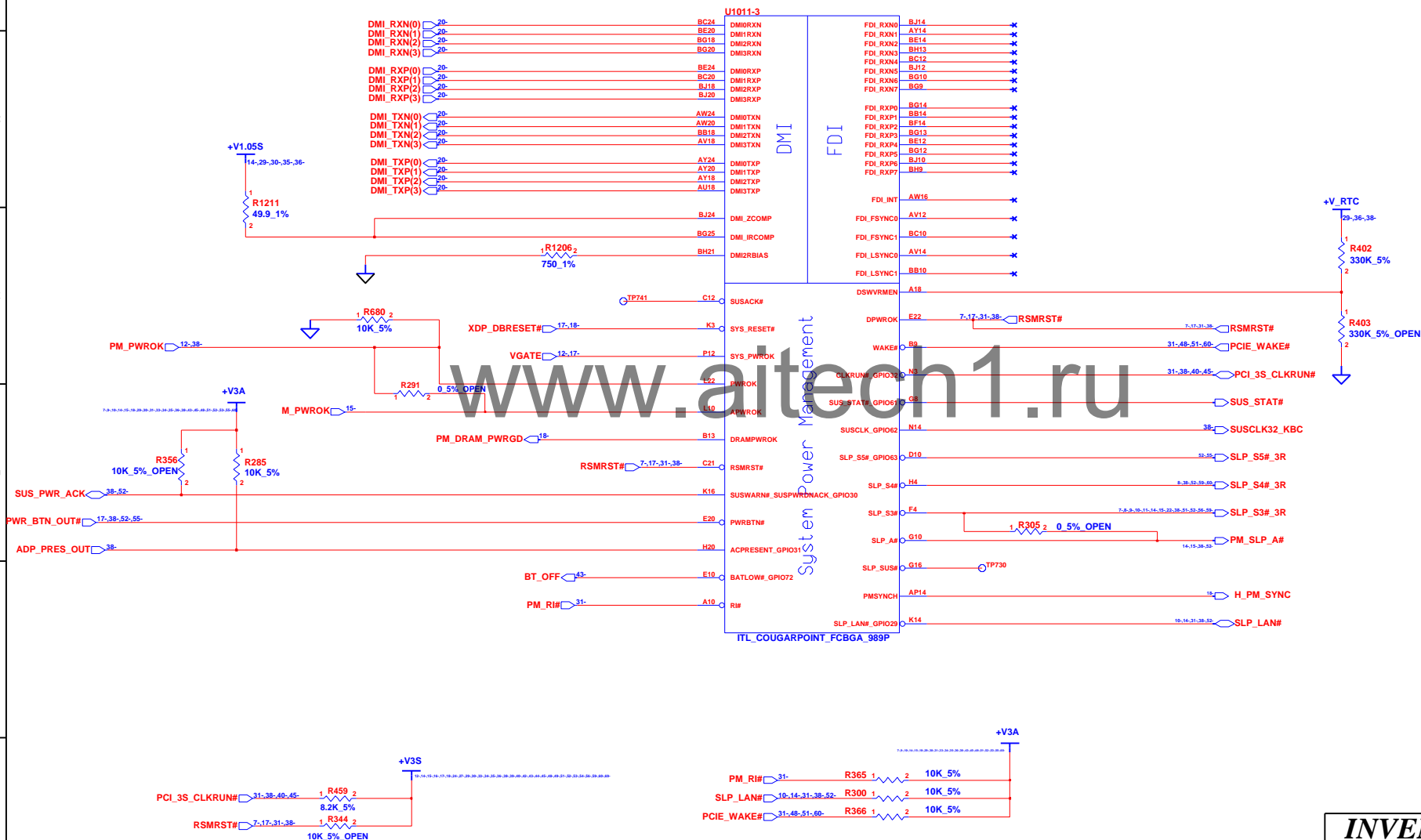
D

E

E

F

F



INVENTEC

TITLE
Aerosmith

PCH-3

SIZE CODE DOC. NUMBER REV

A3 CS 1310A24056-0-MTR A01

SHEET 31 OF 70

CHANGE by Shih, Evan 18-Jan-2011

1

2

3

4

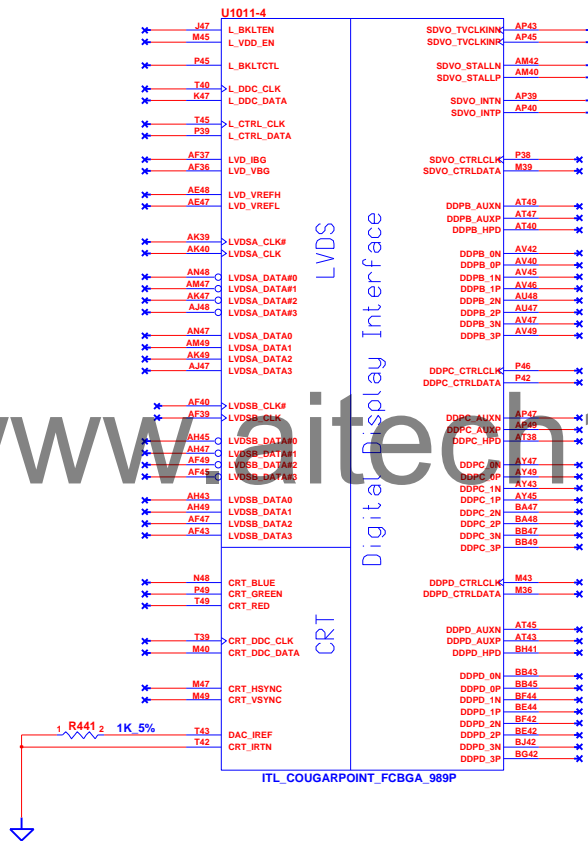
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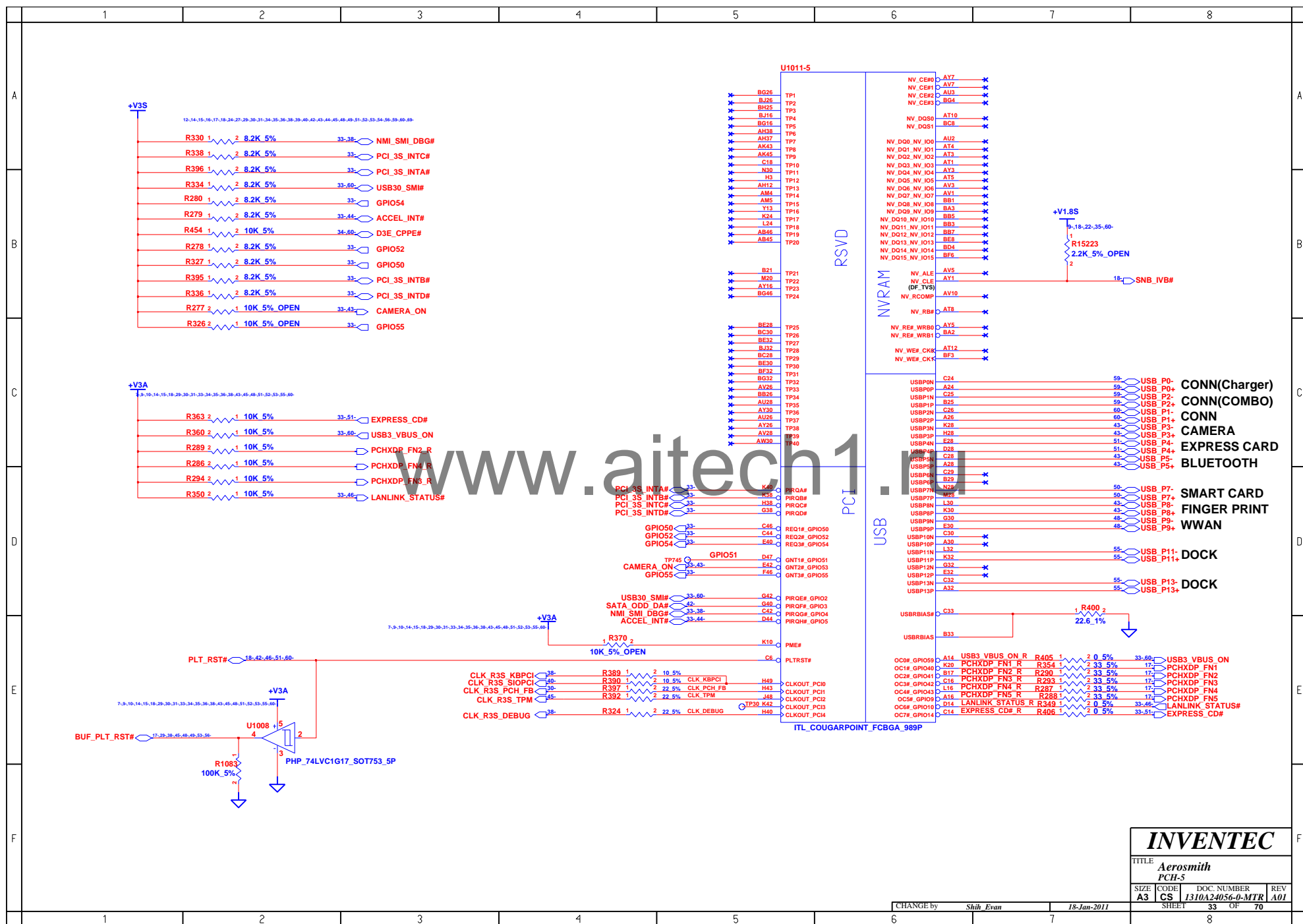
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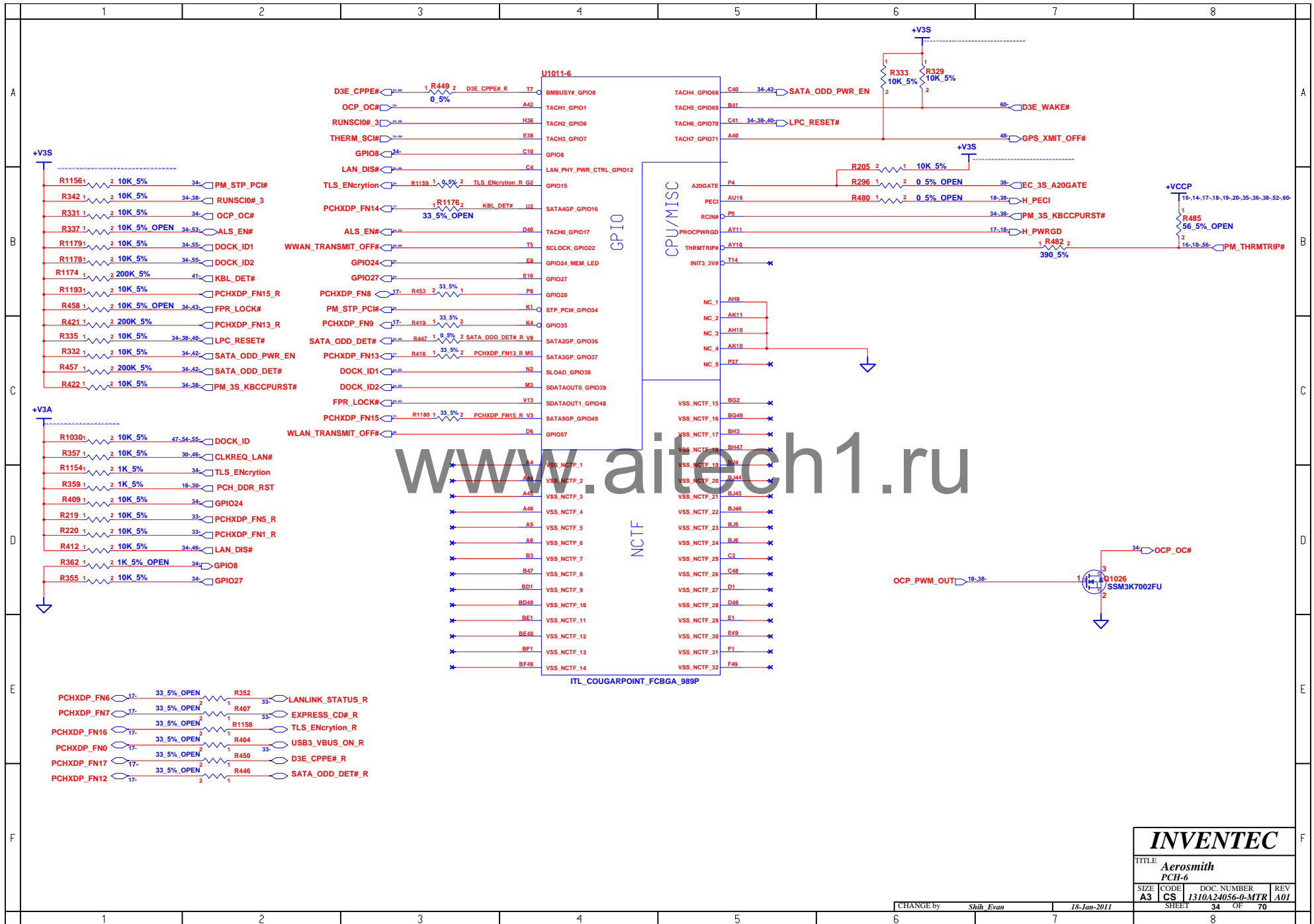
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PCH-4

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CHANGE by Shih_Evan 18-Jan-2011

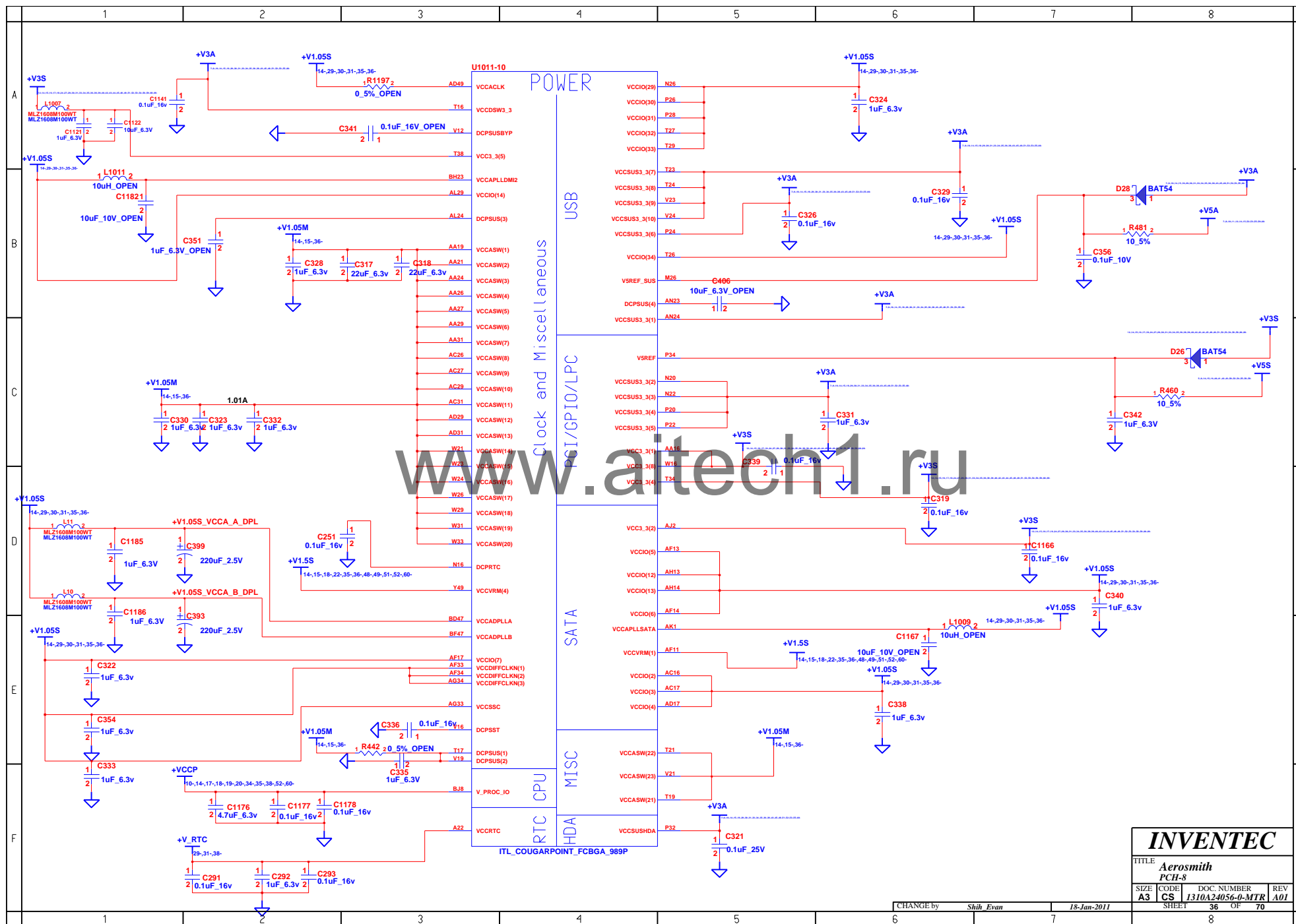
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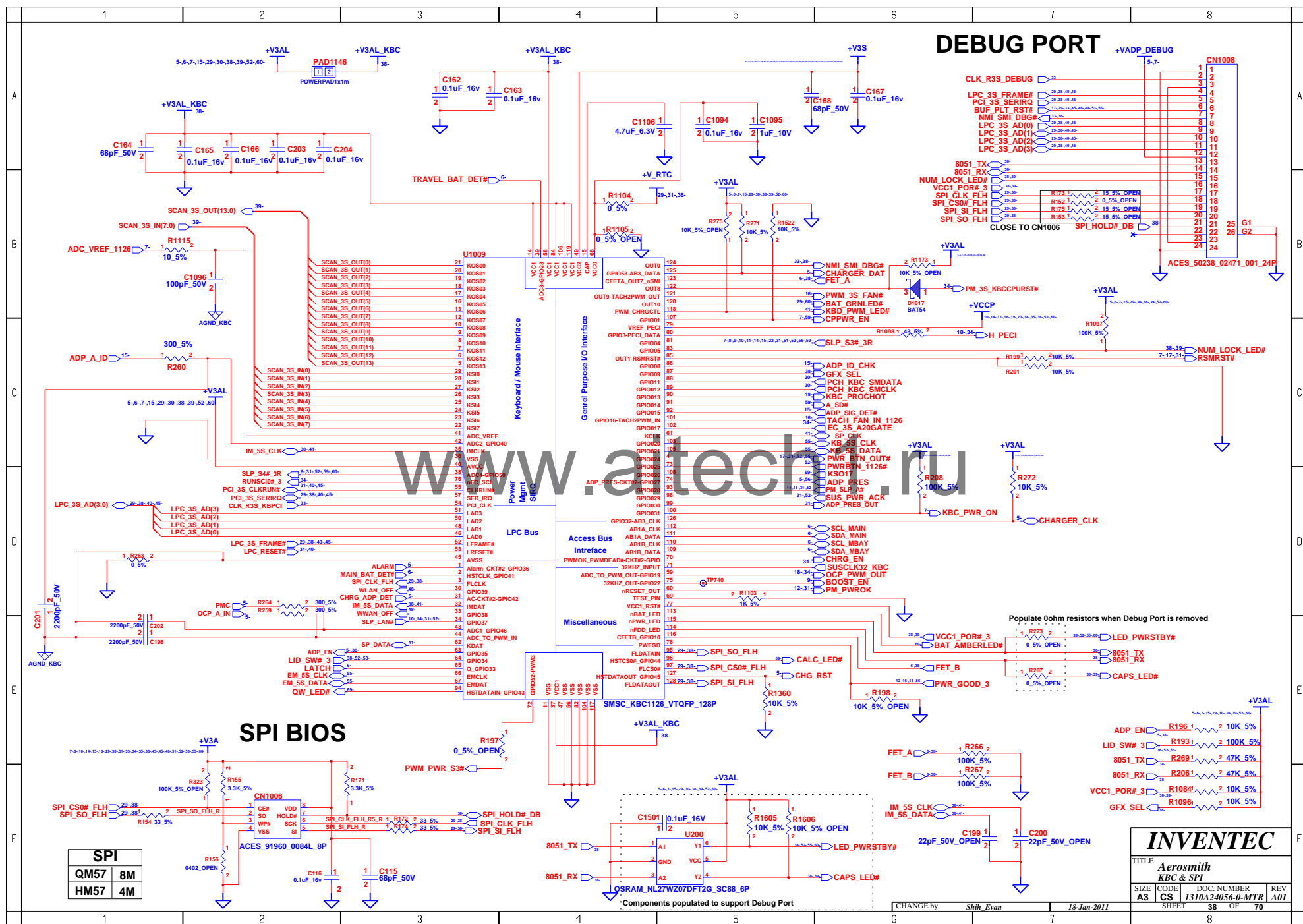


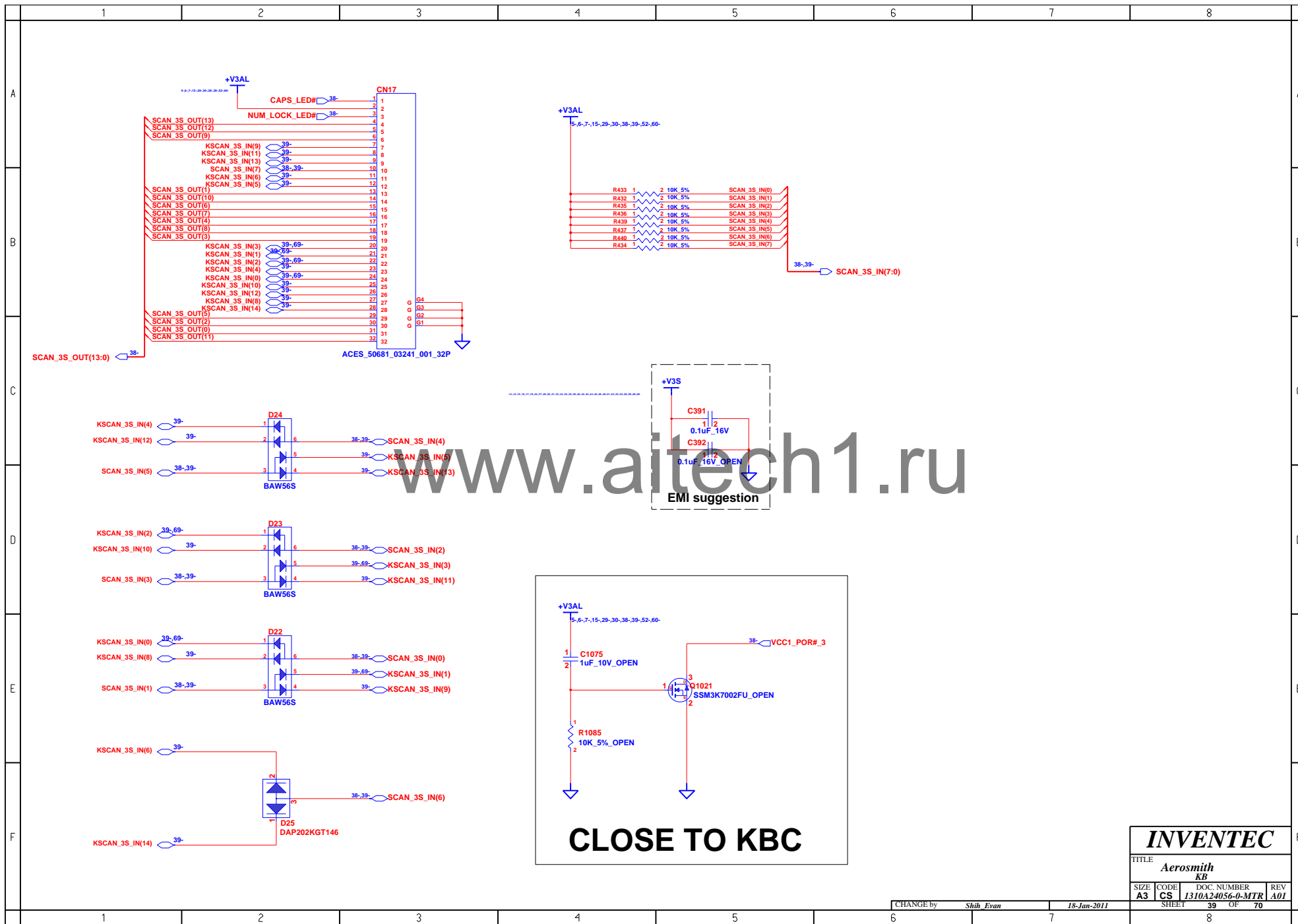


CHANGE by	Shih_Evan	18-Jan-2011
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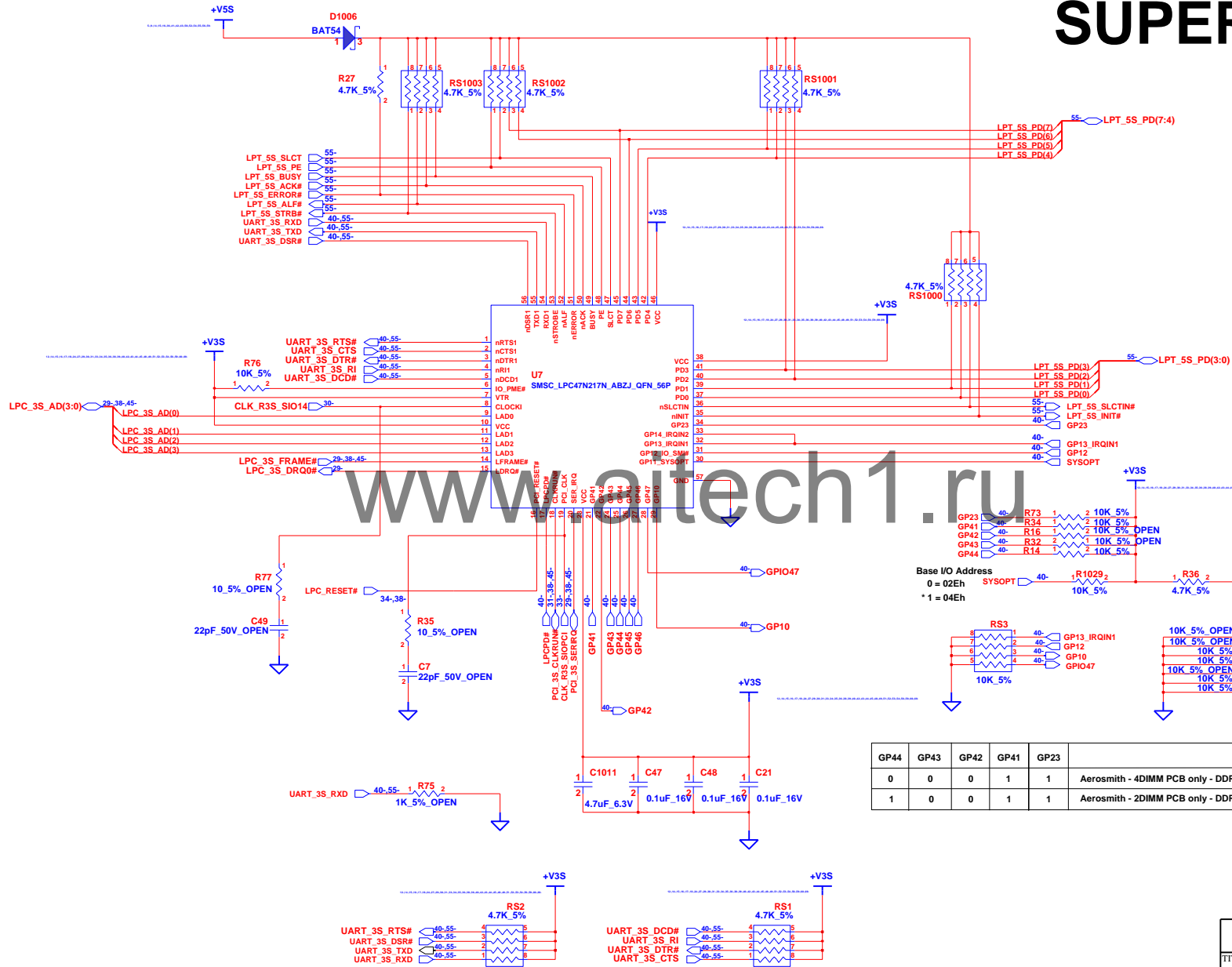
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INVENTEC			
TITLE			
Aerosmith			
KB			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24056-0-MTR	A01
SHEET		39	OF 70

SUPER I/O



GP44	GP43	GP42	GP41	GP23	
0	0	0	1	1	Aerosmith - 4DIMM PCB only - DDR3 - 1333MHz maximum
1	0	0	1	1	Aerosmith - 2DIMM PCB only - DDR3 - 1600MHz maximum

INVENTEC

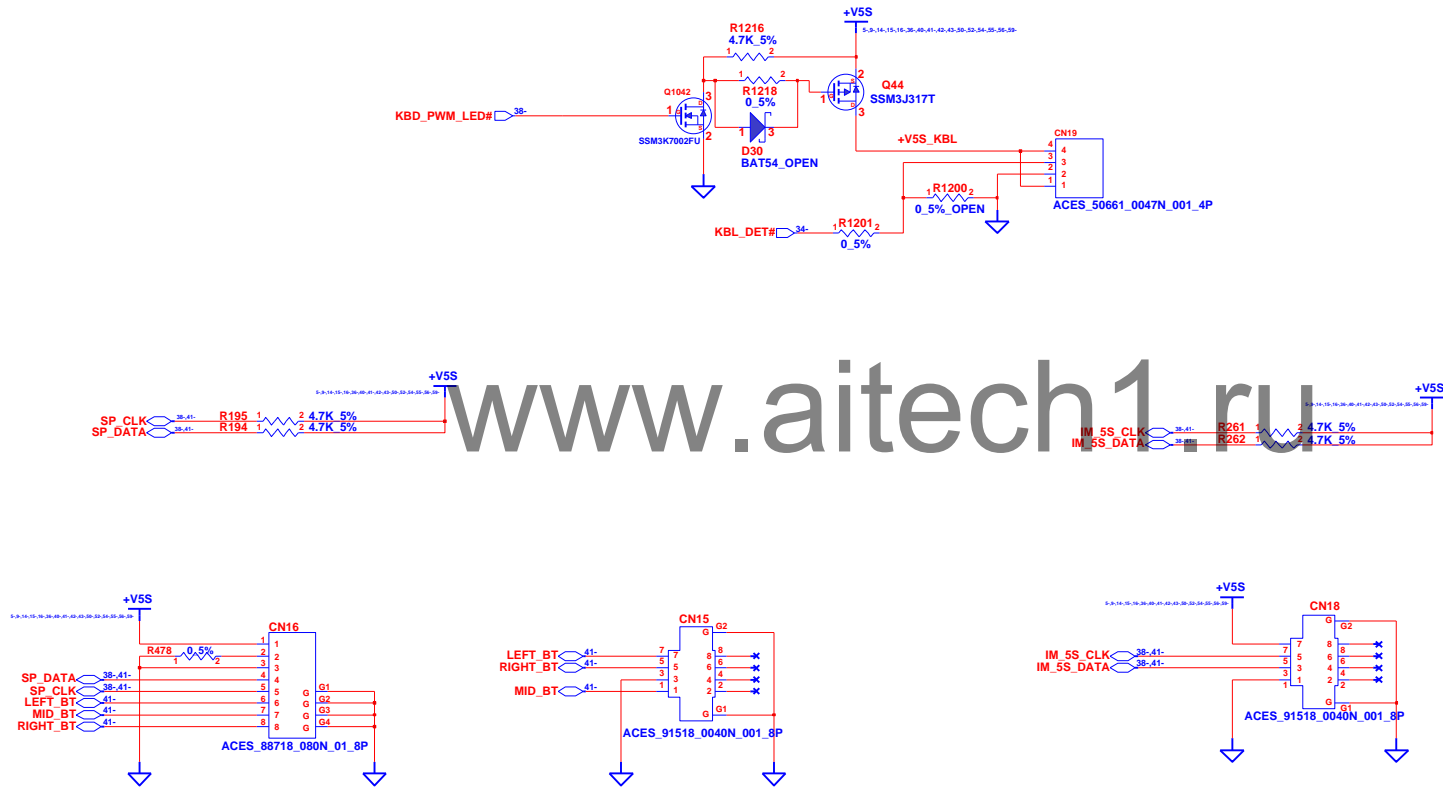
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SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>1310A24056-0-MTR</i>	<i>A01</i>

CHANGE by	<i>Shih Eyan</i>	<i>18-Jan-2011</i>
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SHEET	40	OF	70
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[illegible]

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STICK POINT

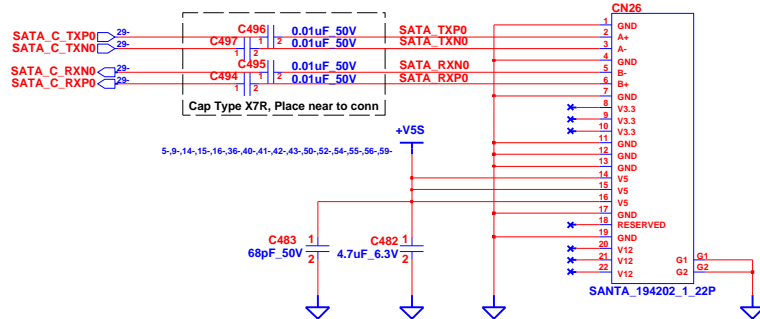
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INVENTEC

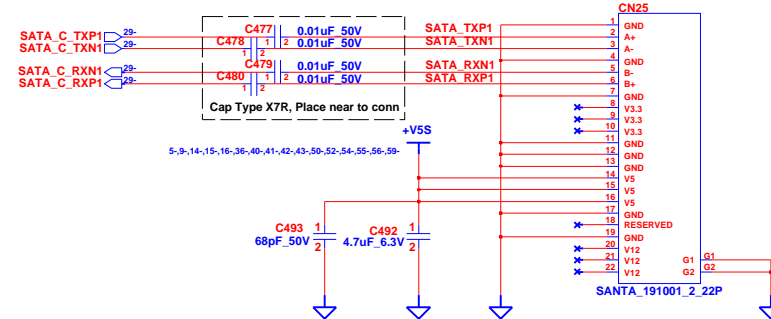
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<i>Aerosmith</i> <i>KEYBOARD BACKLIGHT</i>			
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CHANGE by	<i>Shih Eyan</i>	<i>18-Jan-2011</i>
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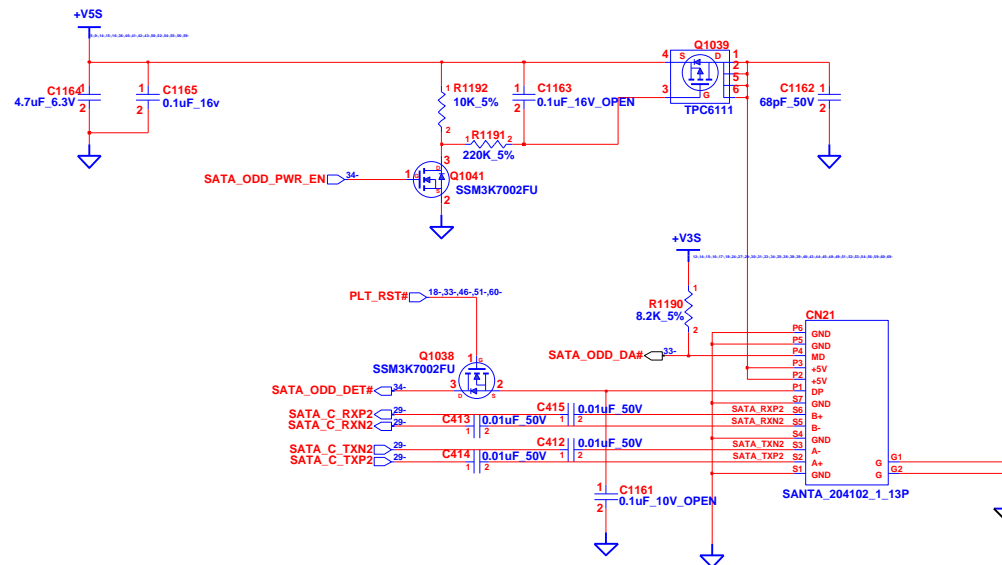
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SATA HDD 1



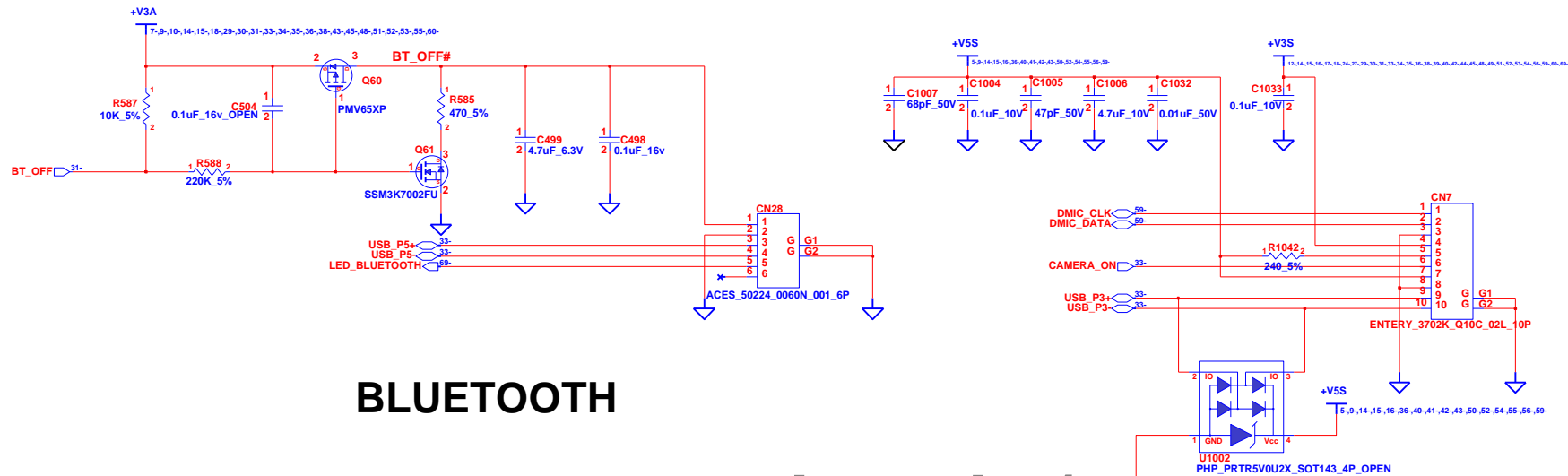
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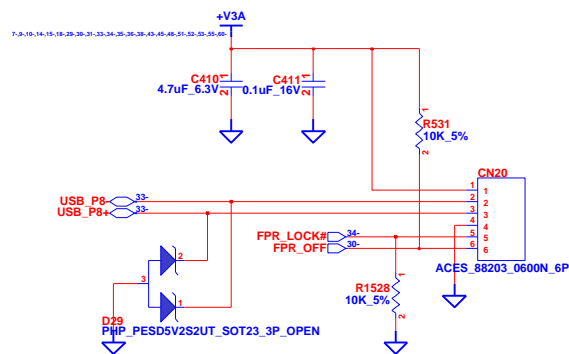
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Aerosmith SATA HDD & ODD			
SIZE	CODE	DOC. NUMBER	REV
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SHEET		42	OF 70

CHANGE by Shih_Evan 18-Jan-2011



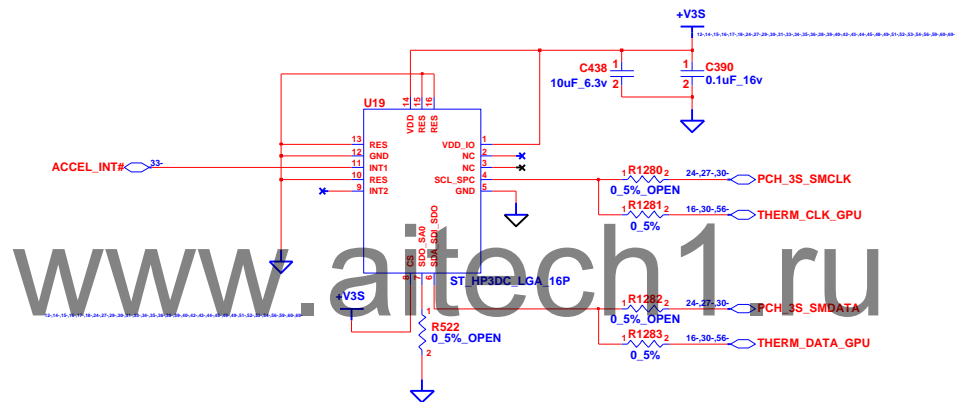
BLUETOOTH

www.aitech1.ru CAMERA



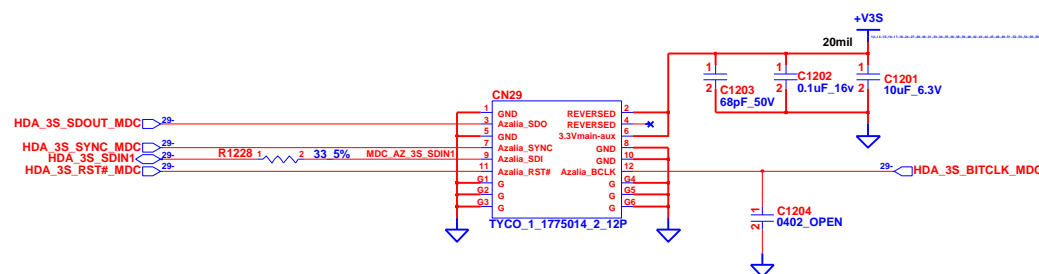
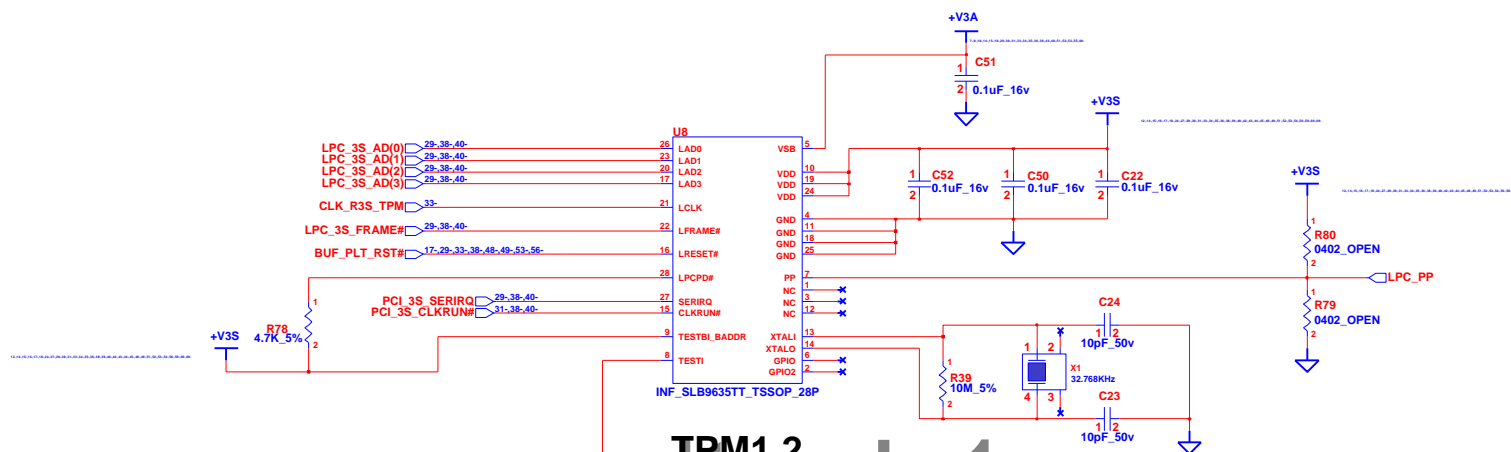
FINGER PRINTER

INVENTEC			
TITLE Aerosmith BT & FP			
SIZE A3	CODE CS	DOC. NUMBER J310A24056-0-MTR	REV A01
CHANGE by Shih_Evan		18-Jan-2011	
SHEET 43		OF 70	



ACCELEROMETER

INVENTEC			
TITLE Aerosmith ACCELEROMETER			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
CHANGE by Shih_Evan		18-Jan-2011	
SHEET		44	OF 70

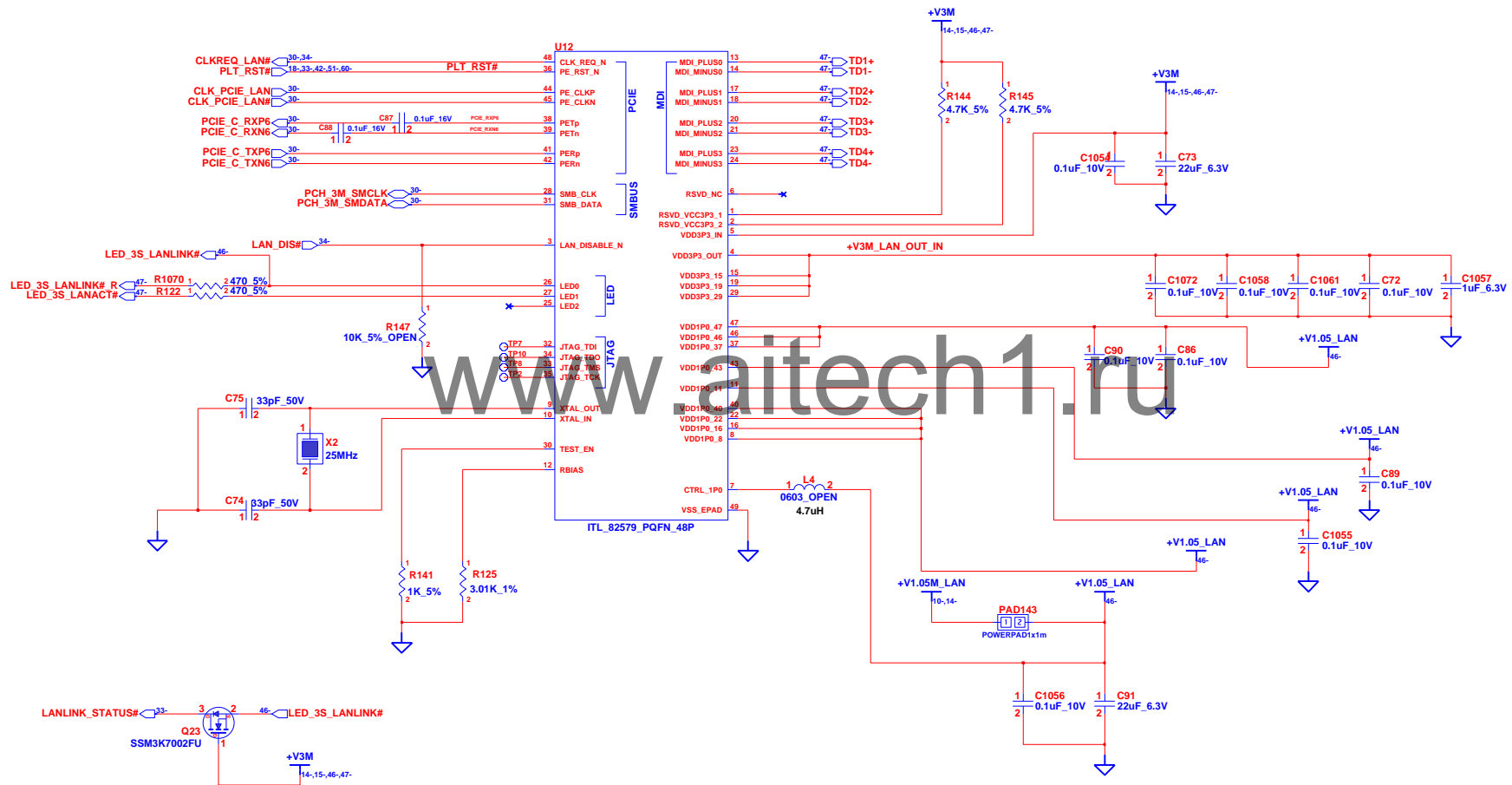


INVENTEC

TITLE			
Aerosmith			
TPM & MDC			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24056-0-MTR	A01
SHEET		45	OF 70

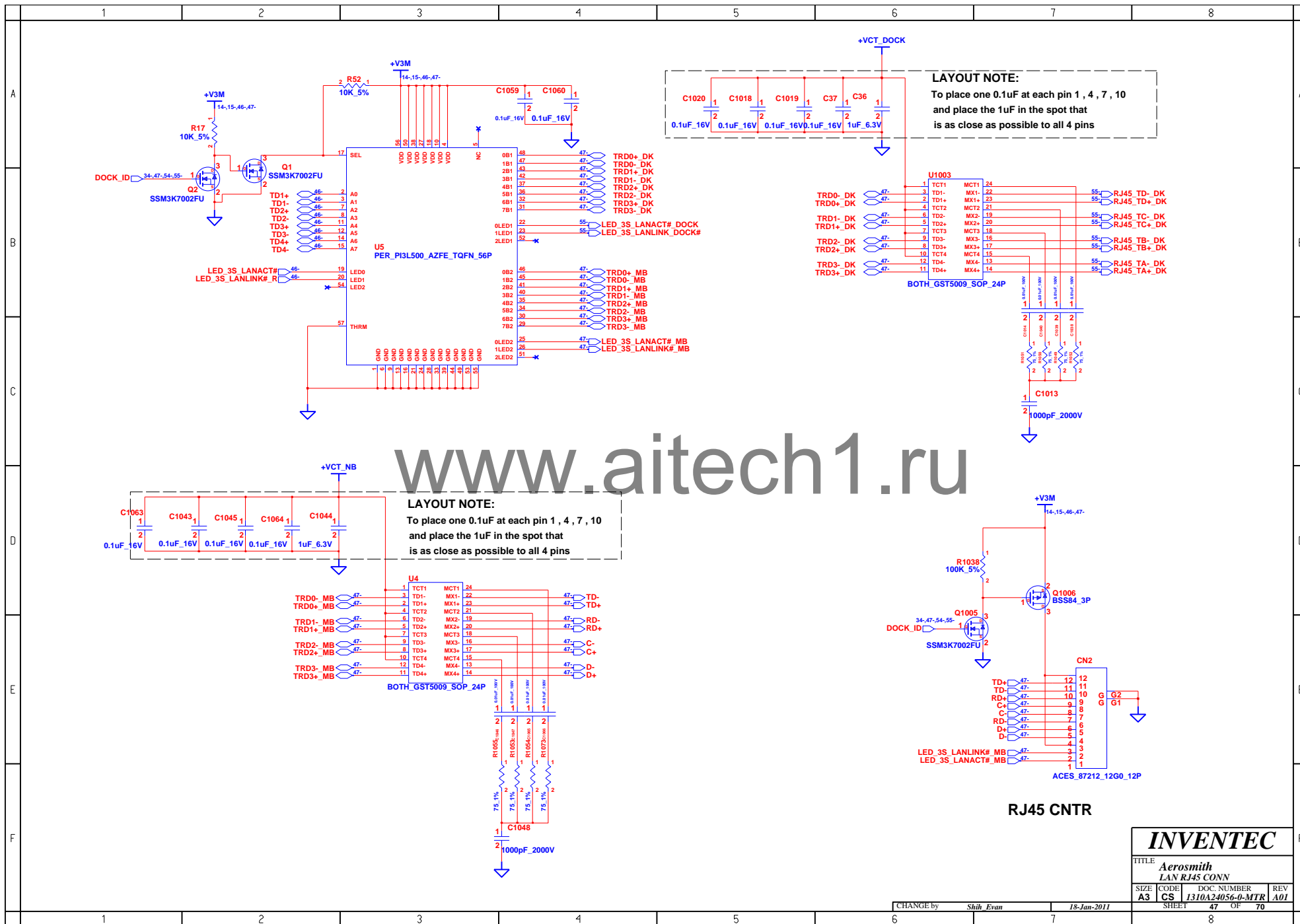
CHANGE by *Shih_Evan* 18-Jan-2011

LAN PHY

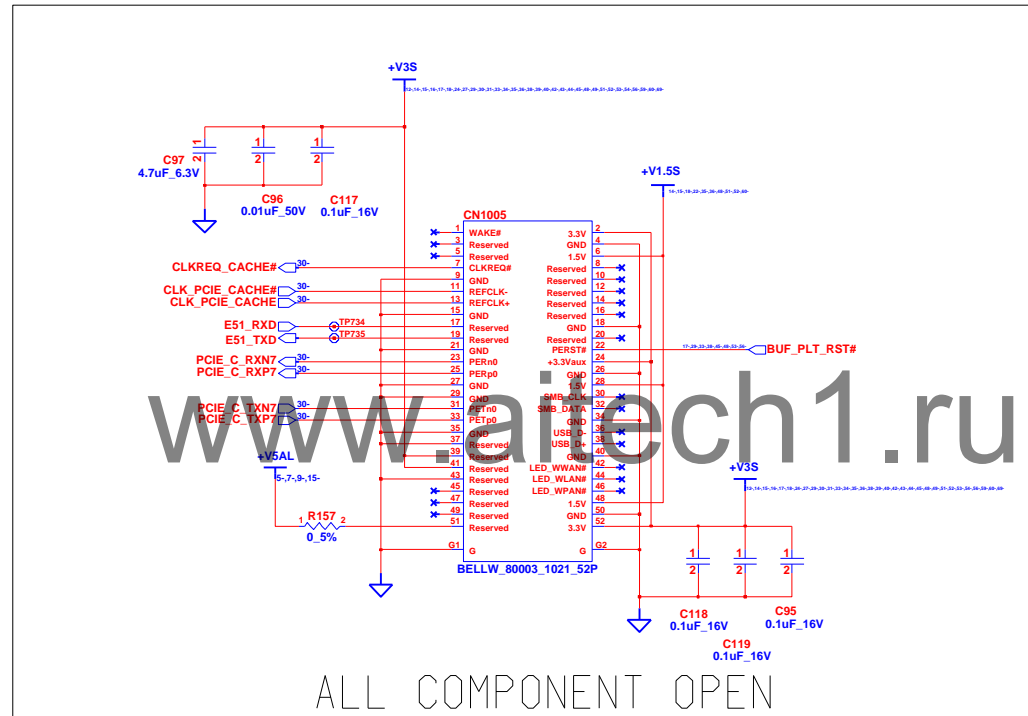


INVENTEC

TITLE Aerosmith LAN INTERFACE			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
CHANGE by Shih_Evan		18-Jan-2011	
SHEET 46		OF 70	



Flash Cache--Mini Card

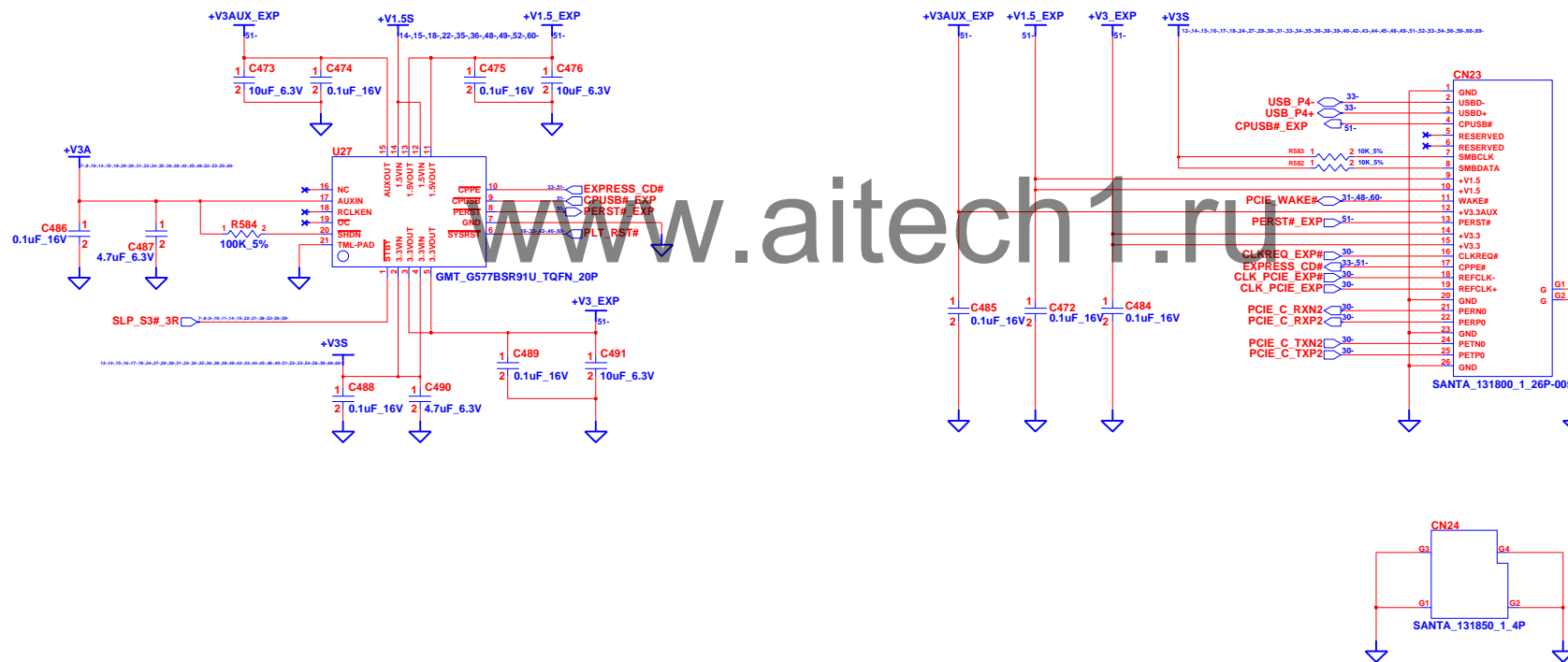


INVENTEC			
TITLE Aerosmith FLASH CACHE			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
CHANGE by Shih_Evan		18-Jan-2011	
SHEET 49		OF 70	

[illegible]

INVENTEC			
TITLE Aerosmith SMART CARD BOARD			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
SHEET 50		OF 70	

EXPRESS CARD



INVENTEC

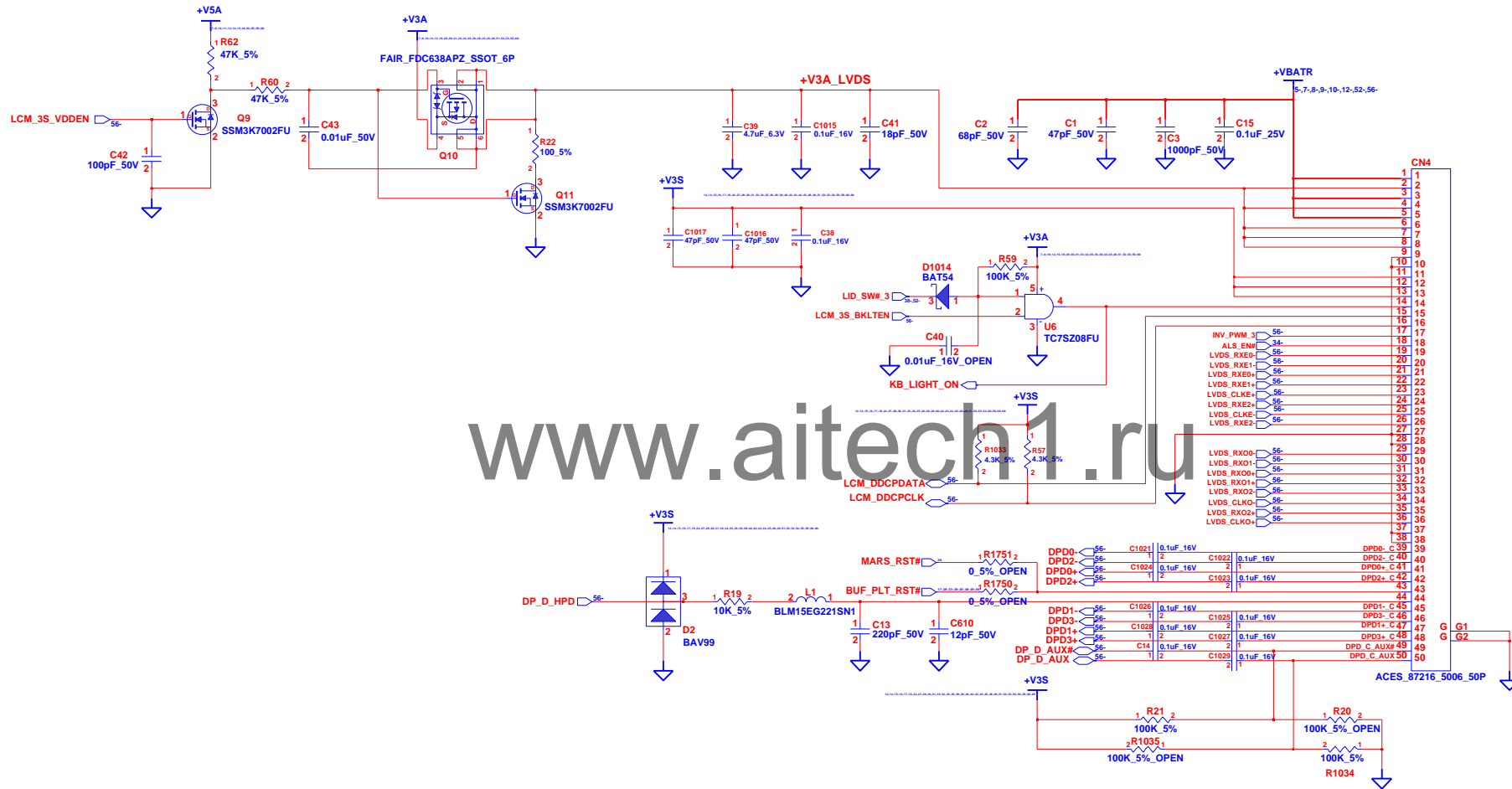
TITLE			
Aerosmith EXPRESS CARD & LED			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24056-0-MTR	A01
SHEET		51	OF 70

CHANGE by *Shih_Evan* 18-Jan-2011

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INVENTEC			
TITLE <i>Aerosmith</i>			
SIZE A3	CODE CS	DOC. NUMBER <i>1310A24056-0-MTR</i>	REV <i>A01</i>
SHEET		52	OF 70

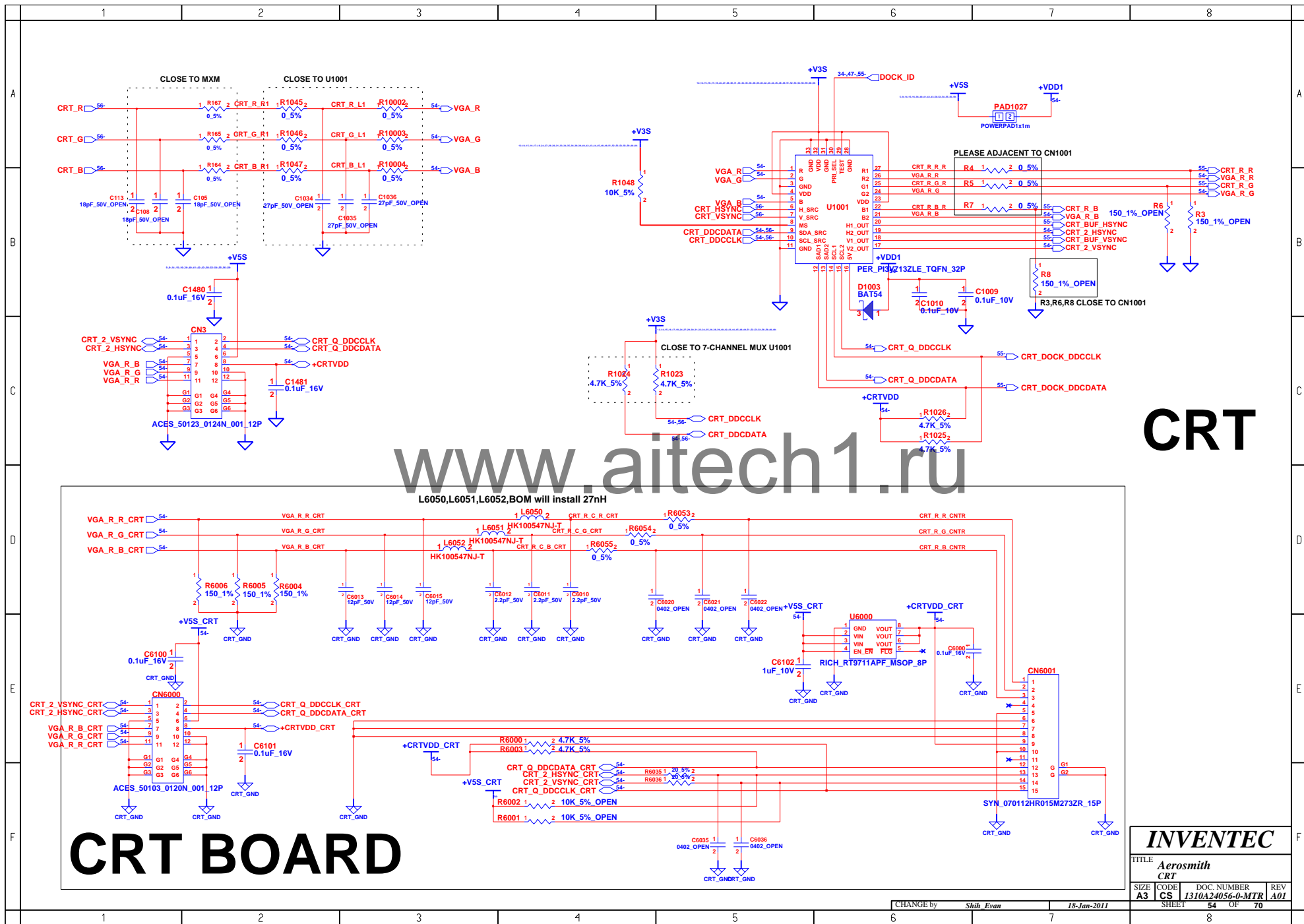
Integrated Panel

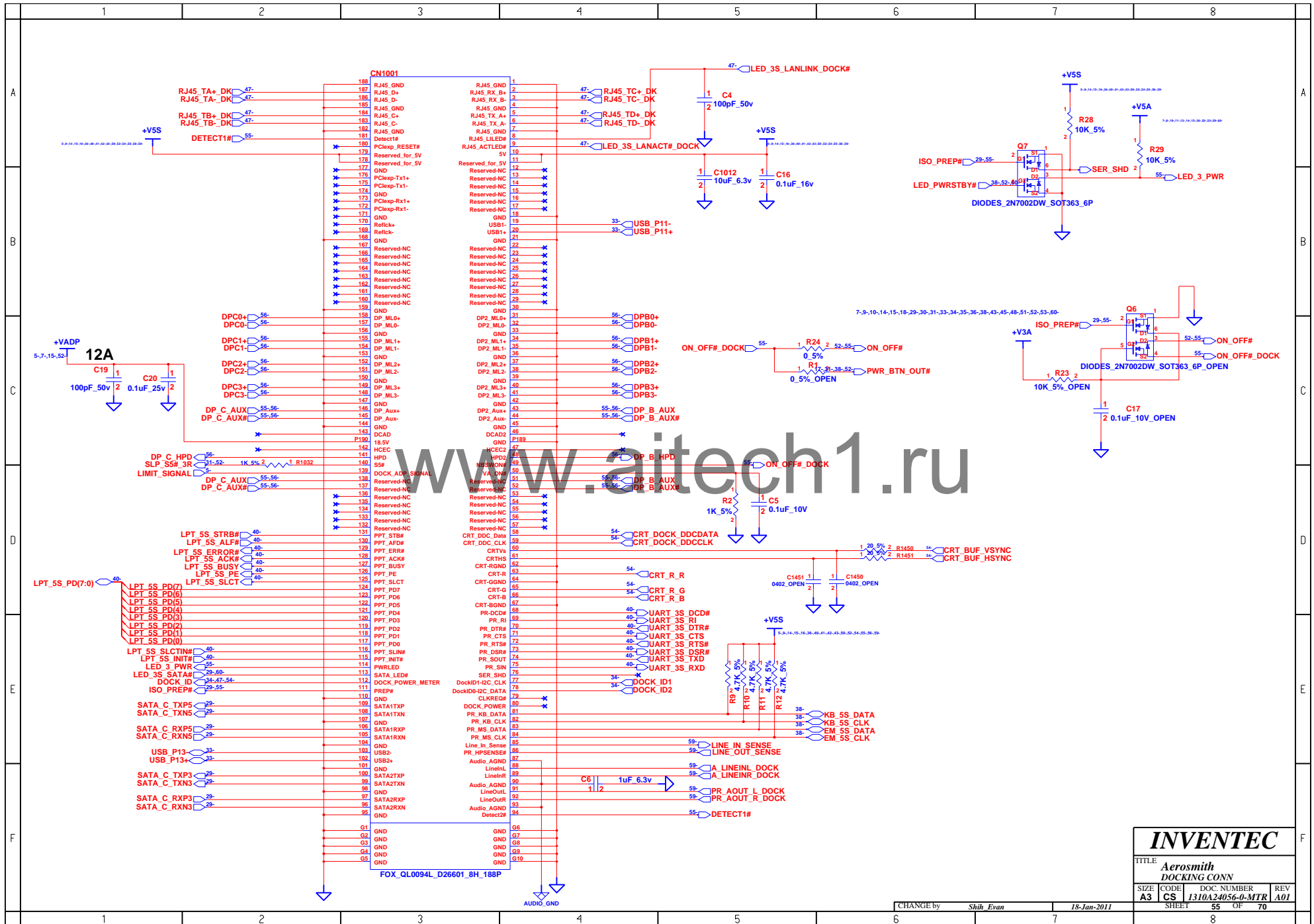


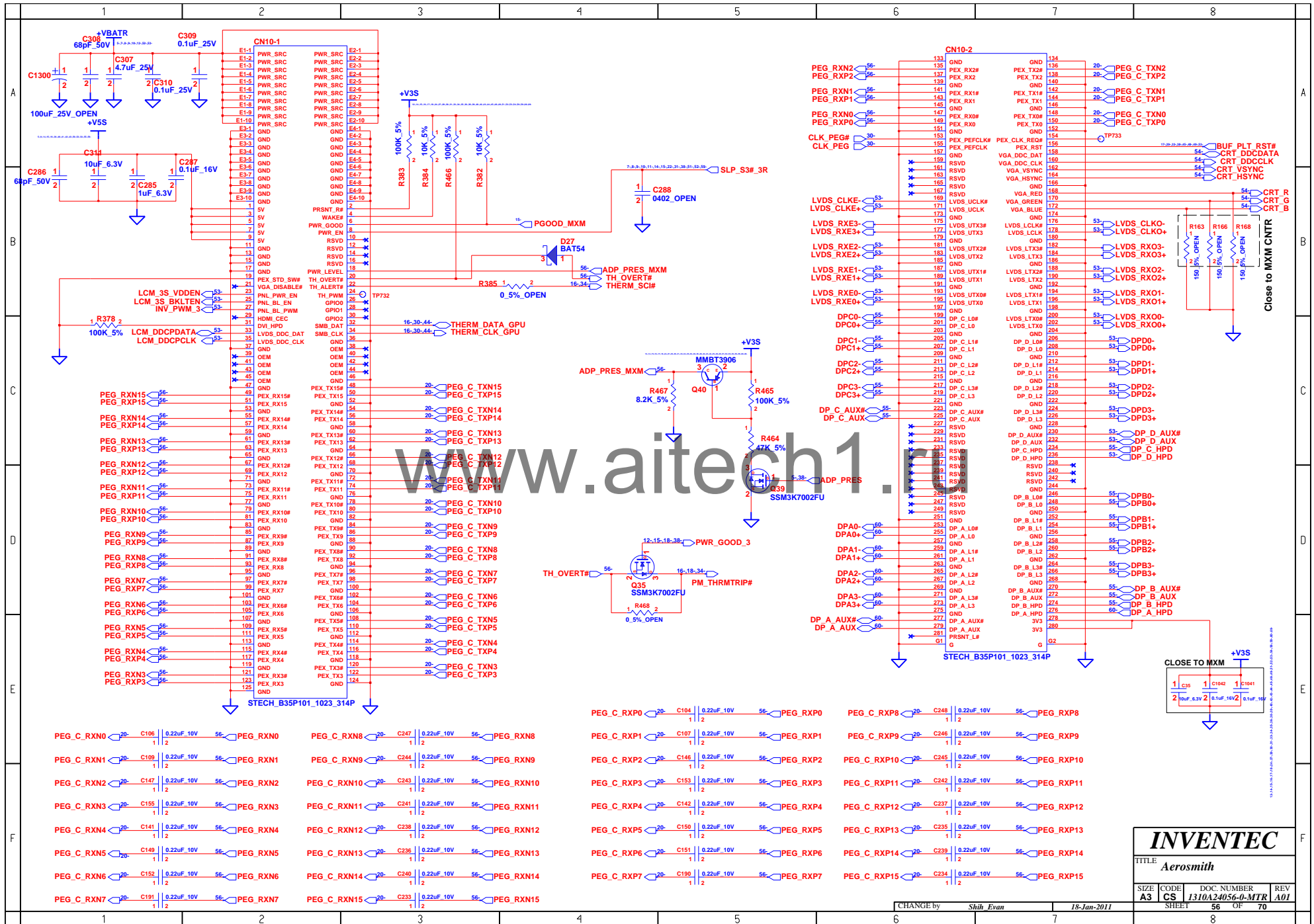
www.aitech1.ru

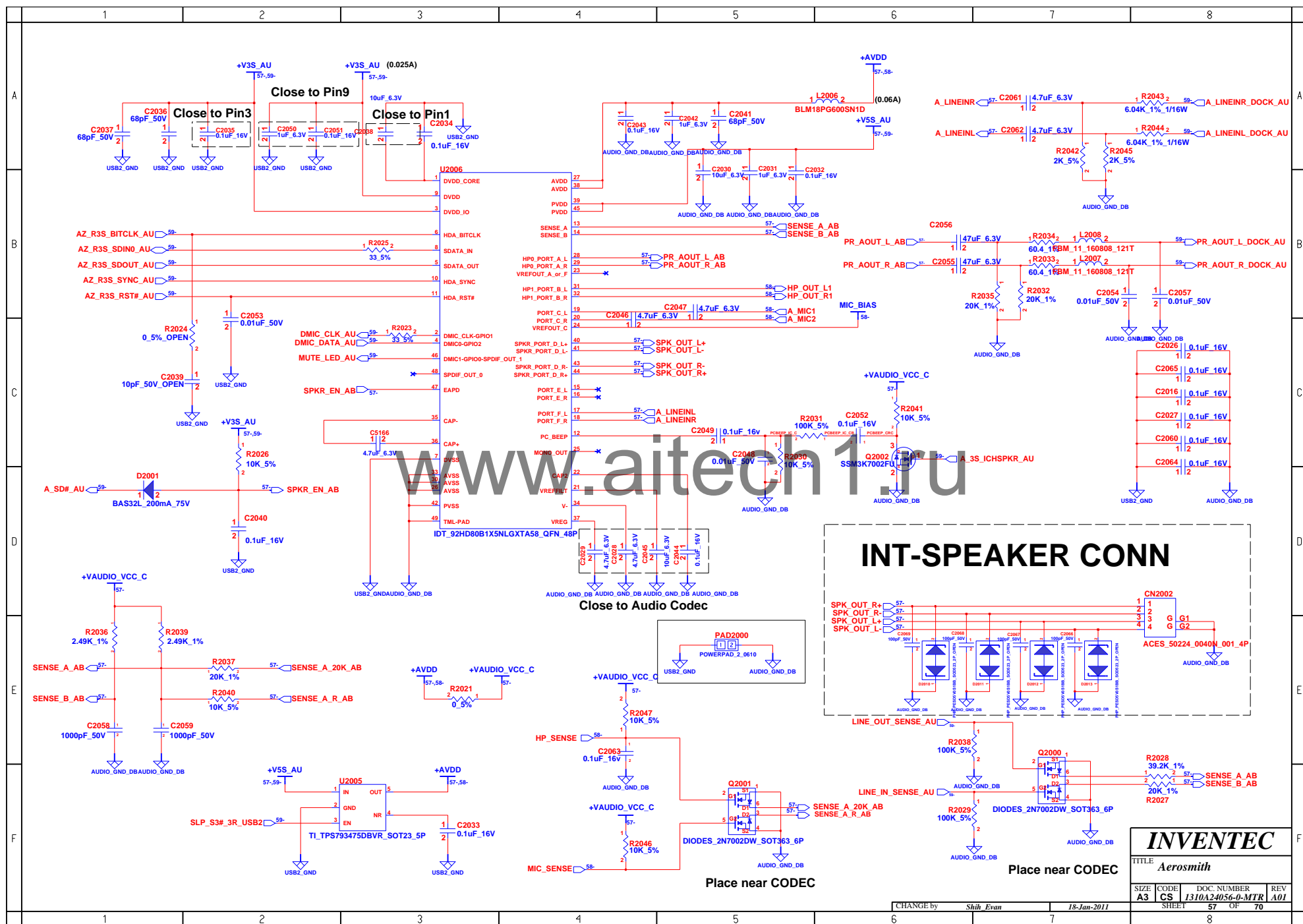
INVENTEC

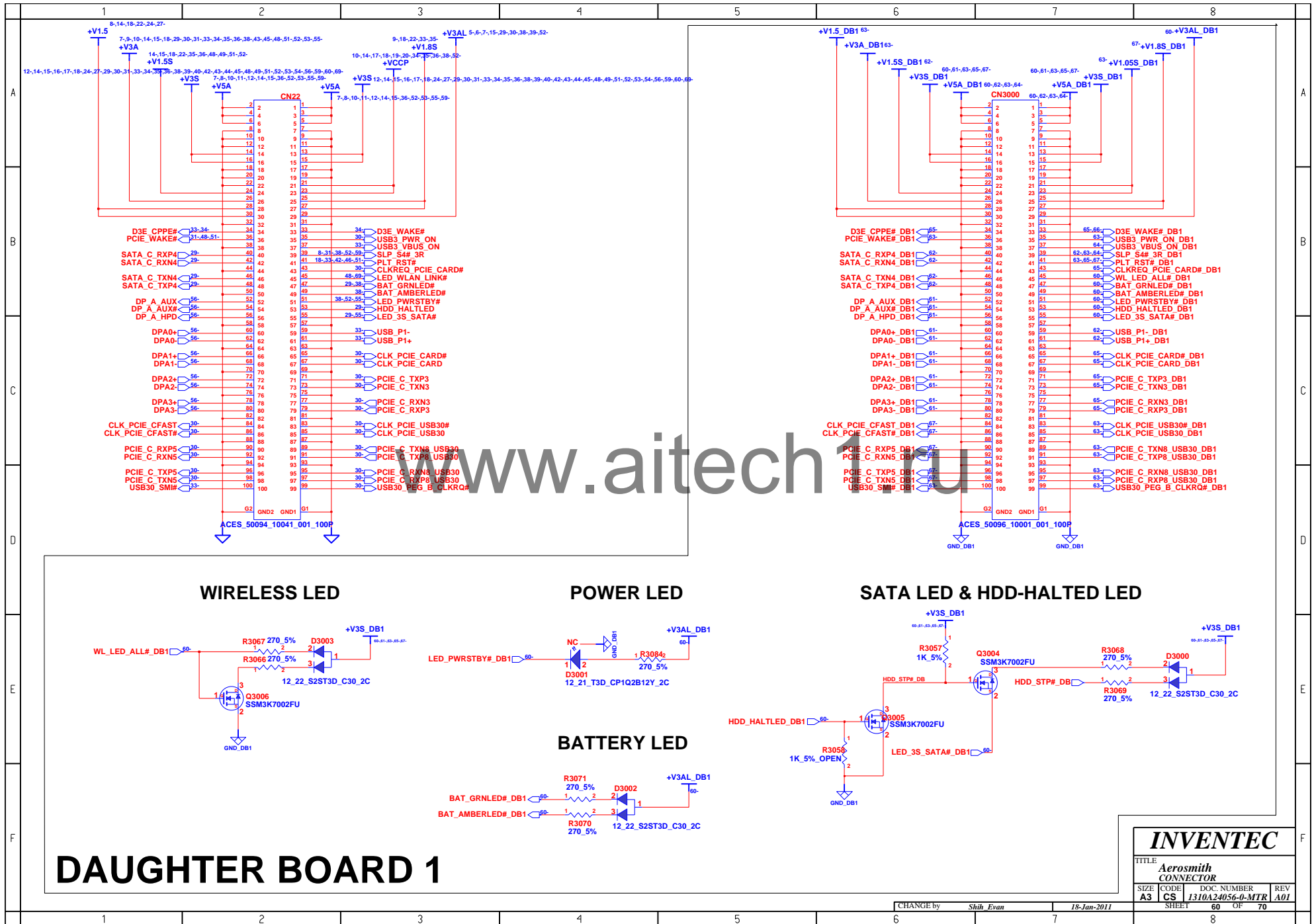
TITLE Aerosmith LCM			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
CHANGE by <i>Shih_Evan</i>		18-Jan-2011	
SHEET 53		OF 70	











DISPLAY PORT

DAUGHTER BOARD 1

INVENTEC			
TITLE Aerosmith DISPLAY PORT			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24056-0-MTR	A01
SHEET		61	OF 70

DISPLAY PORT

DAUGHTER BOARD 1

INVENTEC			
TITLE Aerosmith DISPLAY PORT			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24056-0-MTR	A01
SHEET		61	OF 70

DAUGHTER BOARD 1

for Pericom HW control

INVENTEC
Aeromsmith
DISPLAY PORT

SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A24056-0-MTR	A01

SHEET 61 OF 70

CHANGE by Shih Evan 18-Jan-2011

[illegible]

DISPLAY PORT

close to U3003 pin 1, 6, 12, 25, 32 and 36 separately

close to U3003 pin2 for TI

for Pericom HW control

DAUGHTER BOARD 1

INVENTEC			
TITLE Aerosmith DISPLAY PORT			
SIZE A3	CODE CS	DOC NUMBER I310A24056-0-MTR	REV A01
CHANGE by Shih Evan		18-Jan-2011	
SHEET 61	OF 70		

DISPLAY PORT

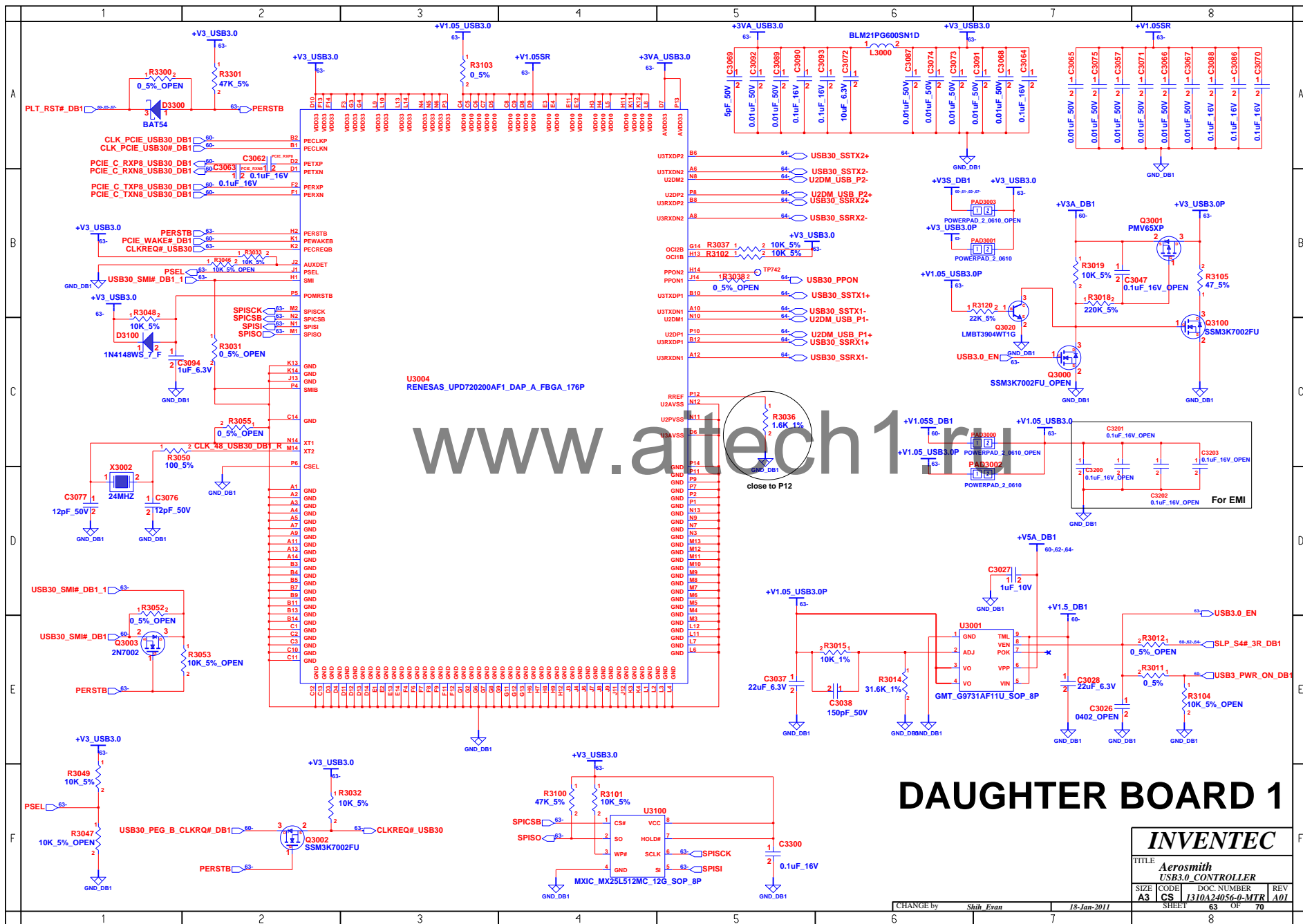
DAUGHTER BOARD 1

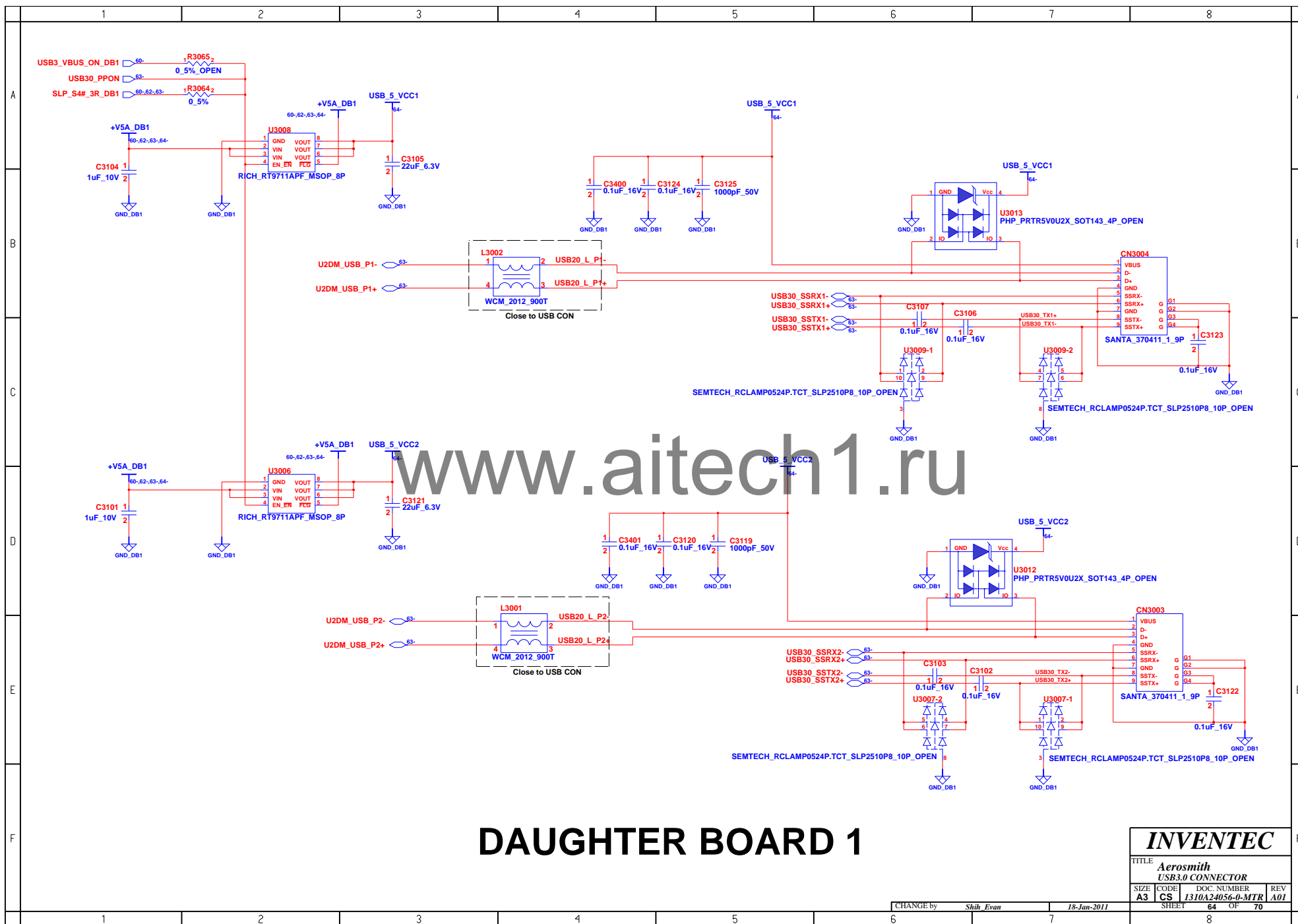
INVENTEC			
TITLE Aerosmith DISPLAY PORT			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24056-0-MTR	A01
SHEET		61	OF 70

[illegible]

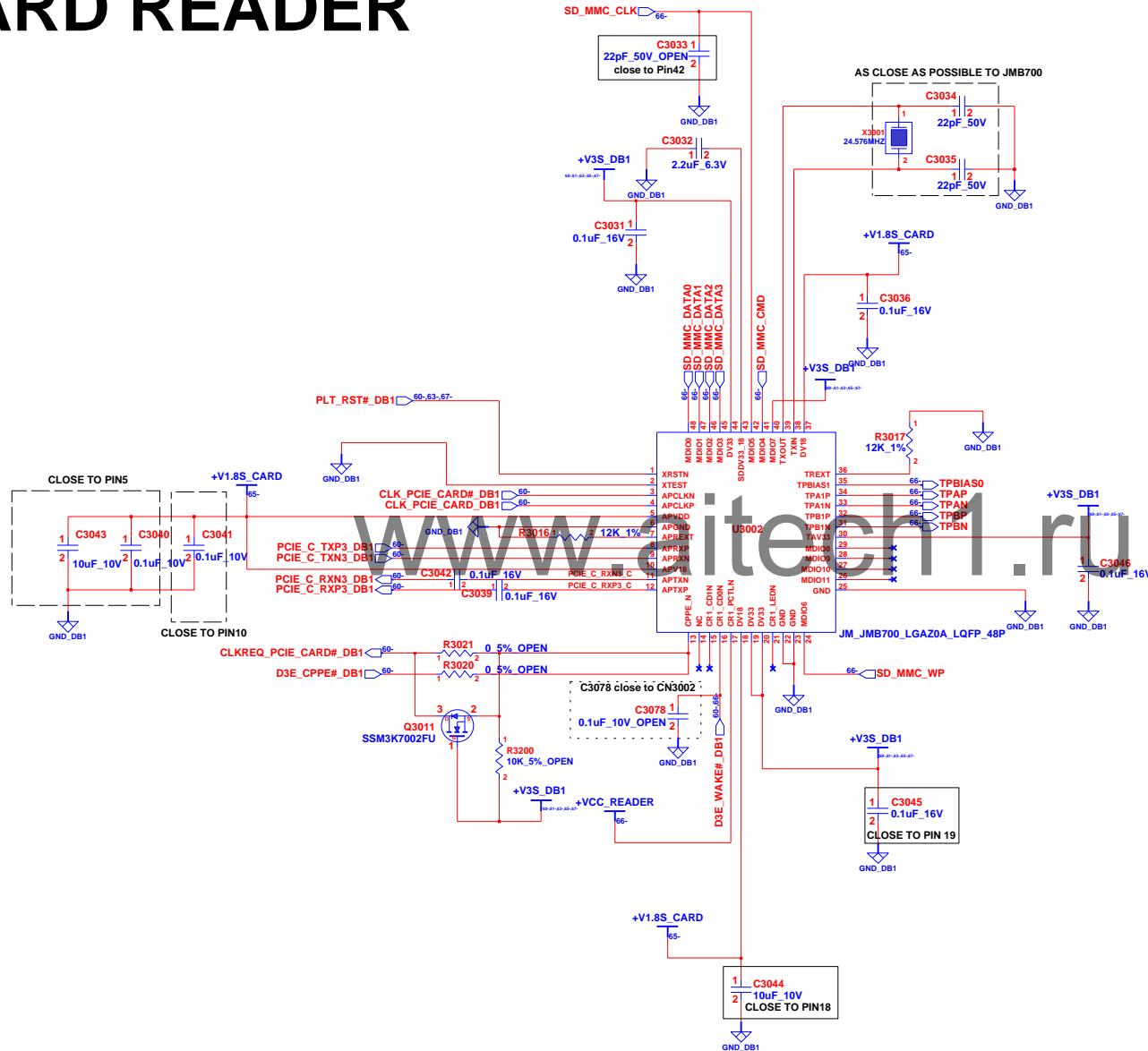


TITLE			
<i>Aerosmith</i> <i>USB & eSATA</i>			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A24056-0-MTR	A01
SHEET		62 OF	70





CARD READER

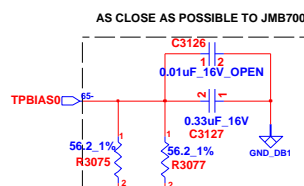


DAUGHTER BOARD 1

INVENTEC

TITLE Aerosmith CARD READER			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
SHEET 65		OF 70	

CHANGE by *Shih_Evan* 18-Jan-2011



1394 CNTR

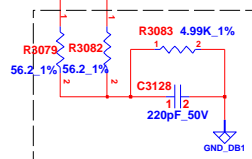
AS CLOSE AS POSSIBLE TO CONN

TPBN
TPBP
TPAN
TPAP

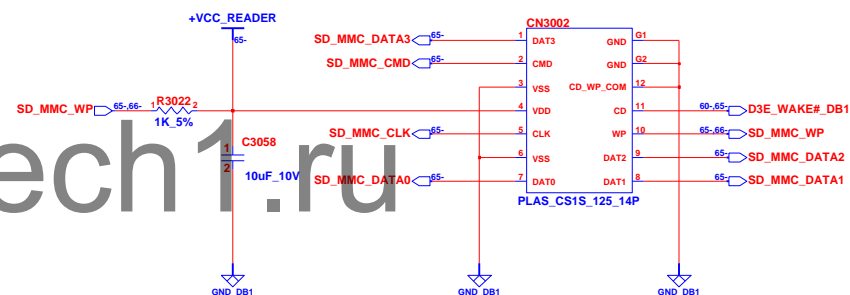
CN3007
1 TPB0- G G1
2 TPB0- G G2
3 TPB0- G G3
4 TPAD- G G4

SYN_02001SPR004MS60ZL MP

GND_DB1



AS CLOSE AS POSSIBLE TO JMB700



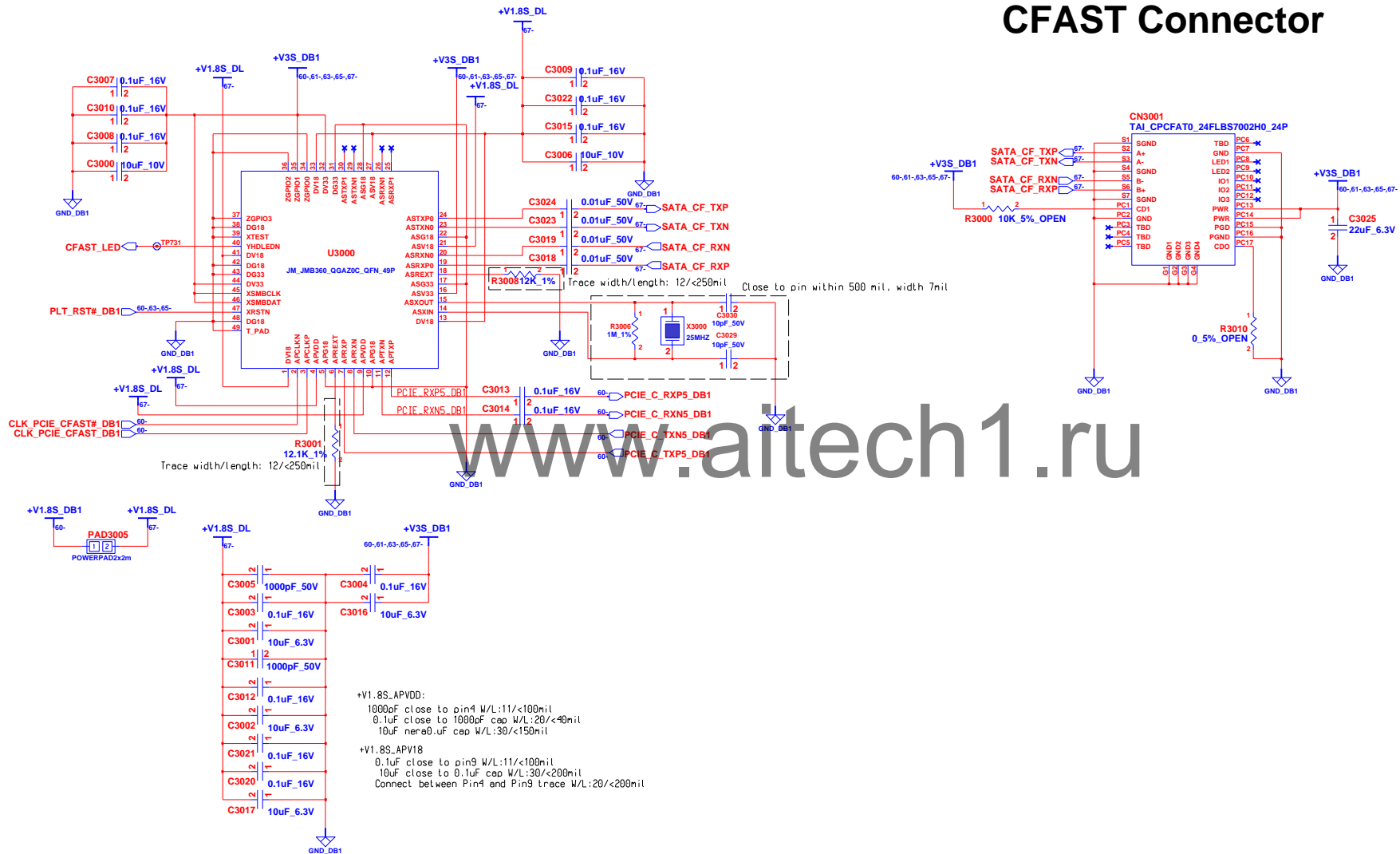
DAUGHTER BOARD 1

INVENTEC			
TITLE Aerosmith SD/MMC & 1394A			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
SHEET 66		OF 70	

CHANGE by Shih_Evan 18-Jan-2011

PCIE to SATA Controller

CFAST Connector

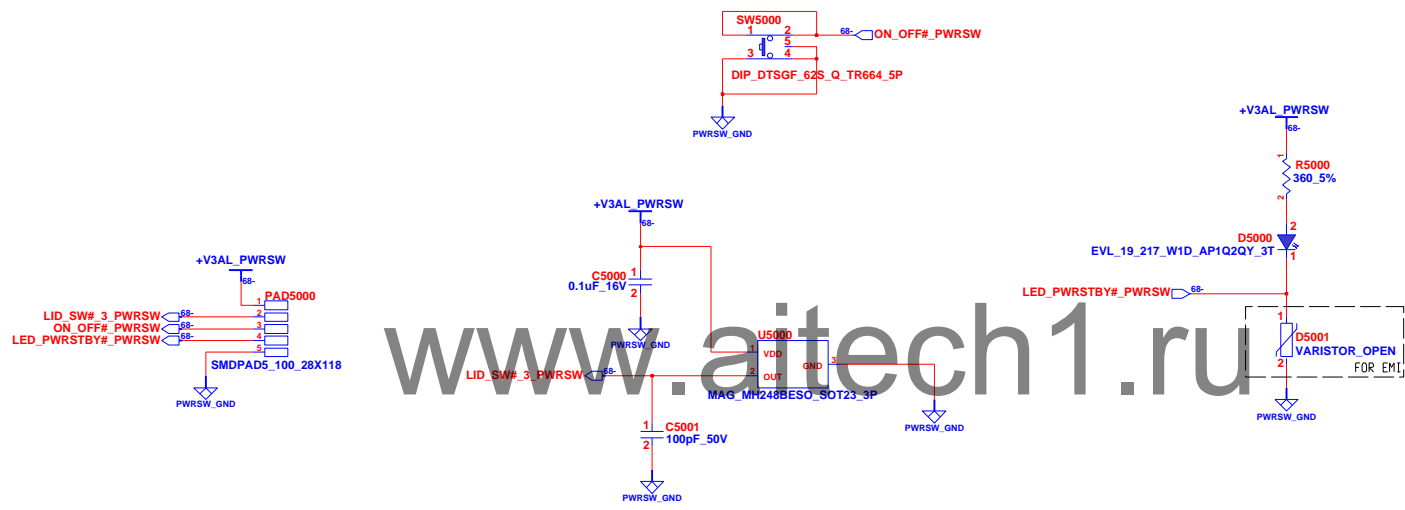


DAUGHTER BOARD 1

INVENTEC

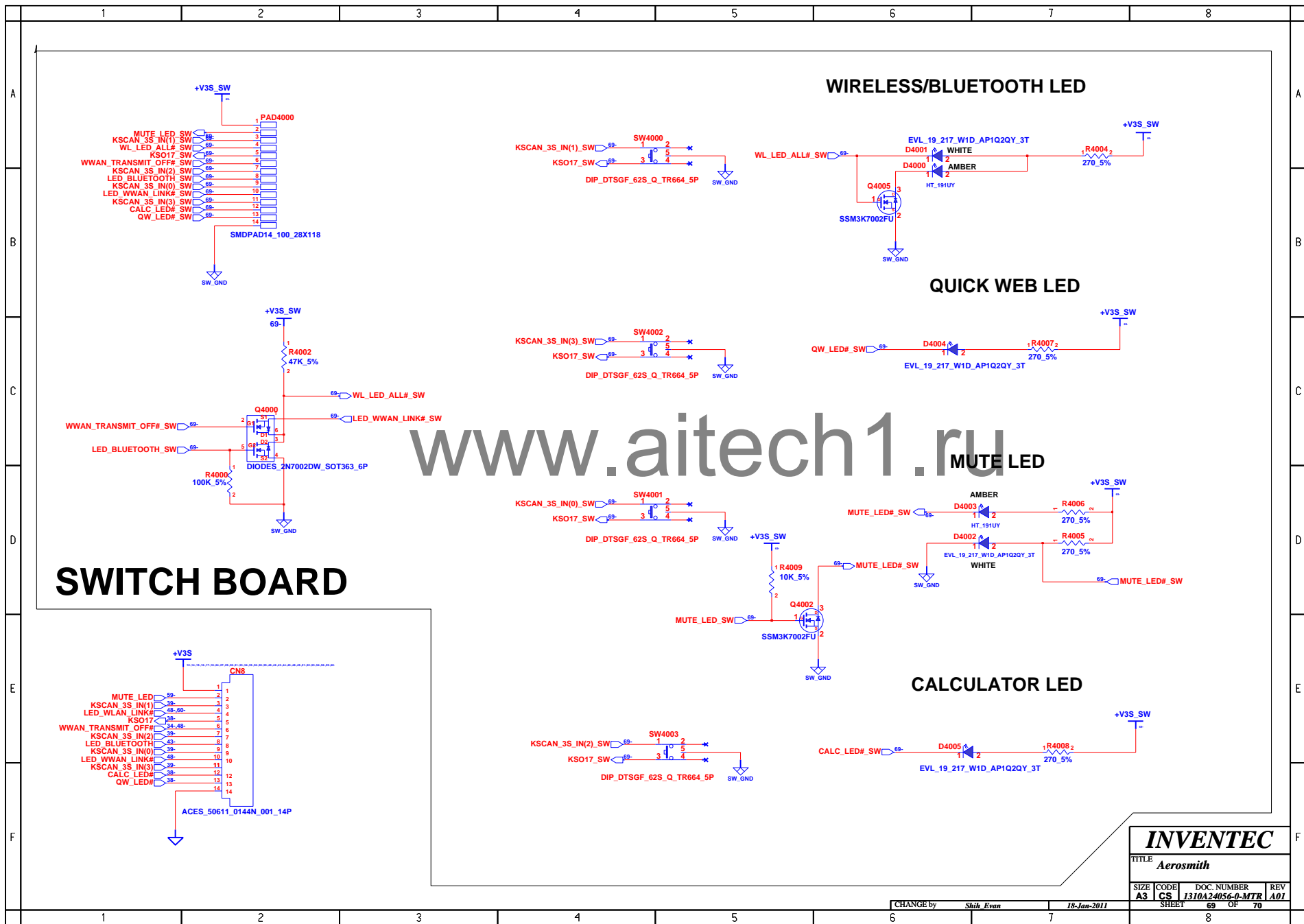
TITLE Aerosmith CFAST			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
SHEET 67		OF 70	

CHANGE by *Shih_Evan* 18-Jan-2011



POWER BUTTON & LID SWITCH BOARD

INVENTEC			
TITLE Aerosmith HALL SENSOR			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
CHANGE by Shih_Evan		18-Jan-2011	
SHEET		68 OF 70	



INVENTEC

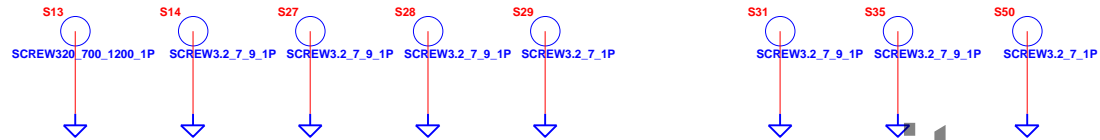
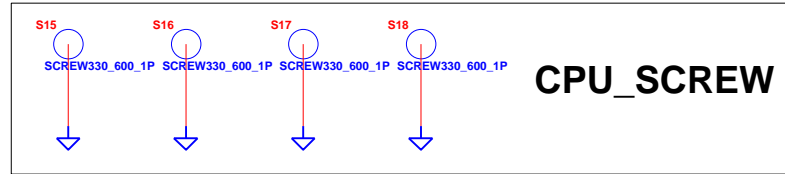
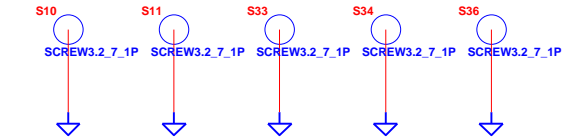
TITLE Aerosmith

SIZE A3 CODE CS DOC. NUMBER 1310A24056-0-MTR REV A01

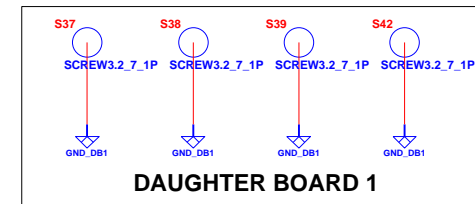
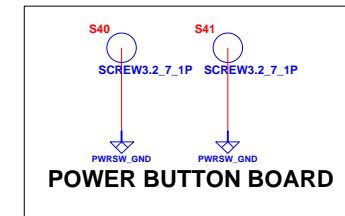
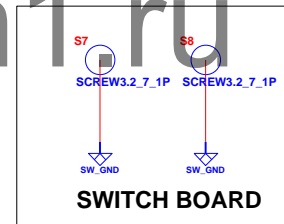
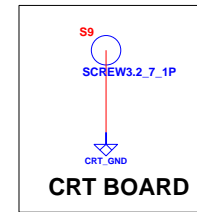
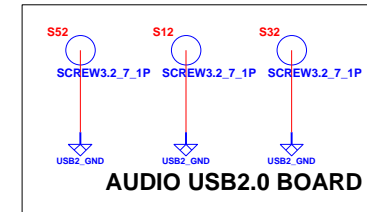
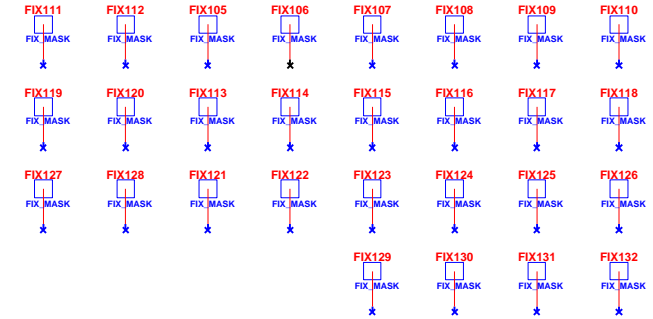
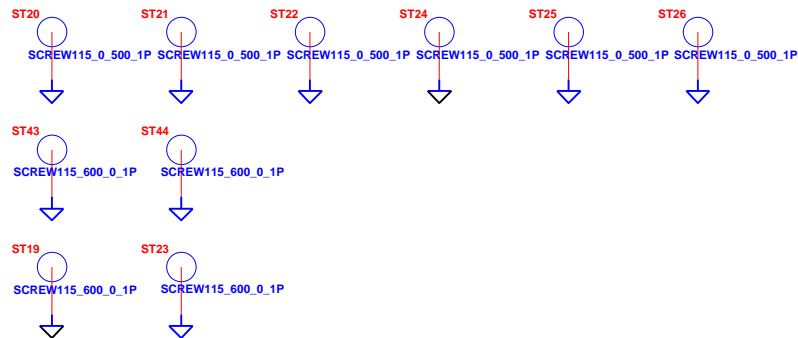
CHANGE by Shih Evan 18-Jun-2011

SHEET 69 OF 70

SCREW



STANDOFF



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INVENTEC

TITLE Aerosmith SCREW			
SIZE A3	CODE CS	DOC. NUMBER 1310A24056-0-MTR	REV A01
SHEET 70		OF 70	

CHANGE by *Shih_Evan* 18-Jan-2011