

2008.02.04

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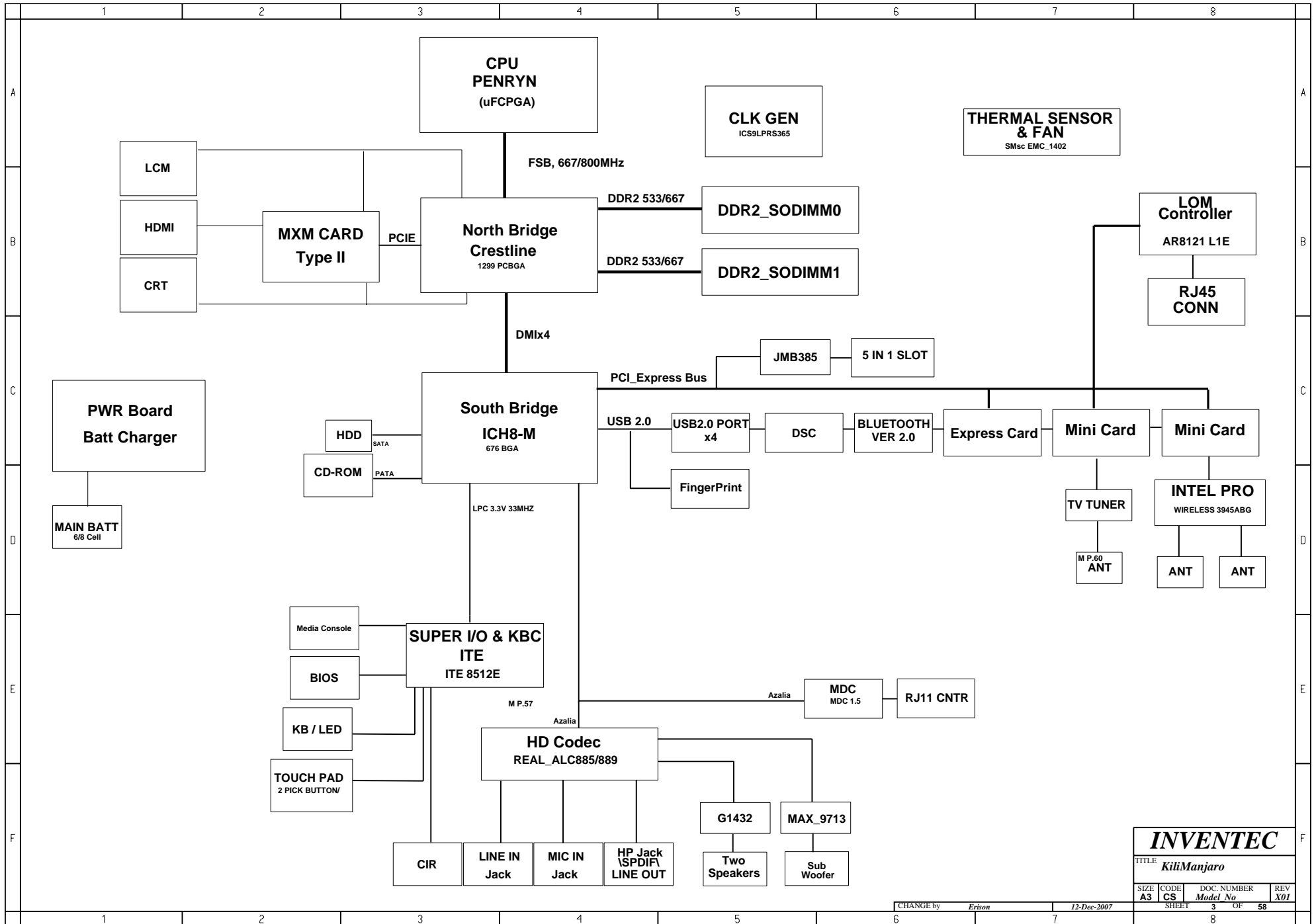
INVENTEC

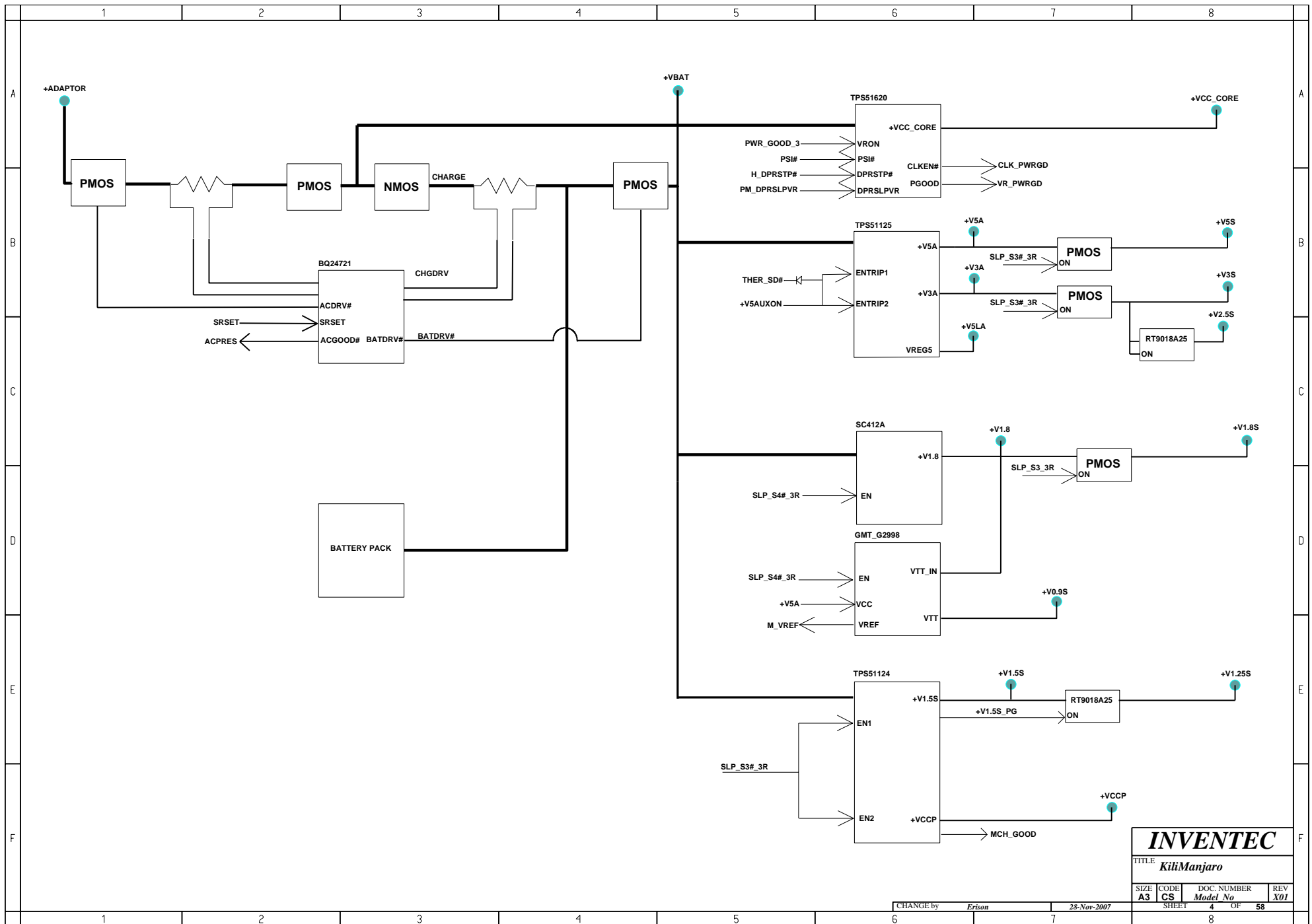
TITLE *KiliManjaro*

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
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CHANGE by *Erison* 12-Dec-2007

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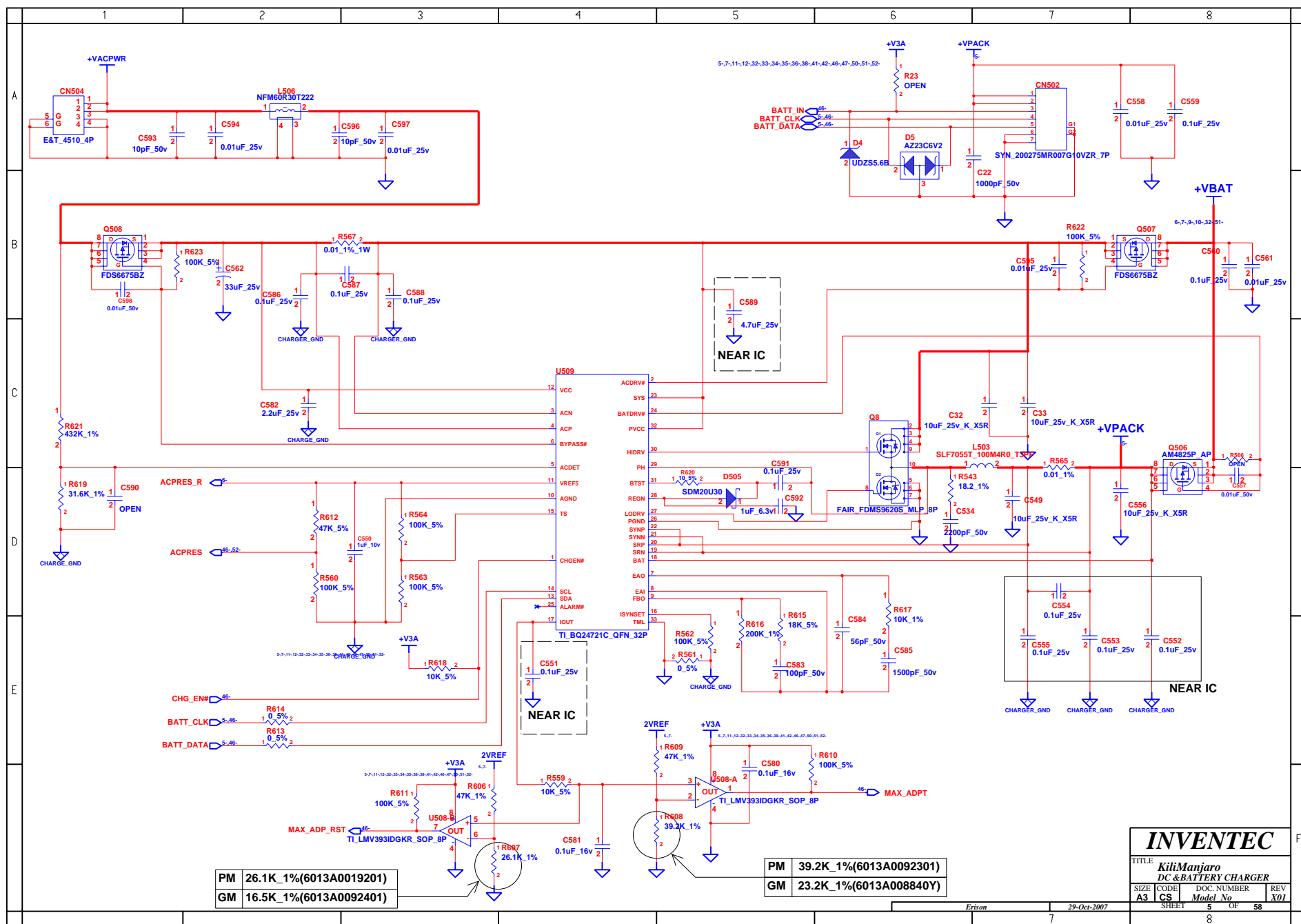
INVENTEC

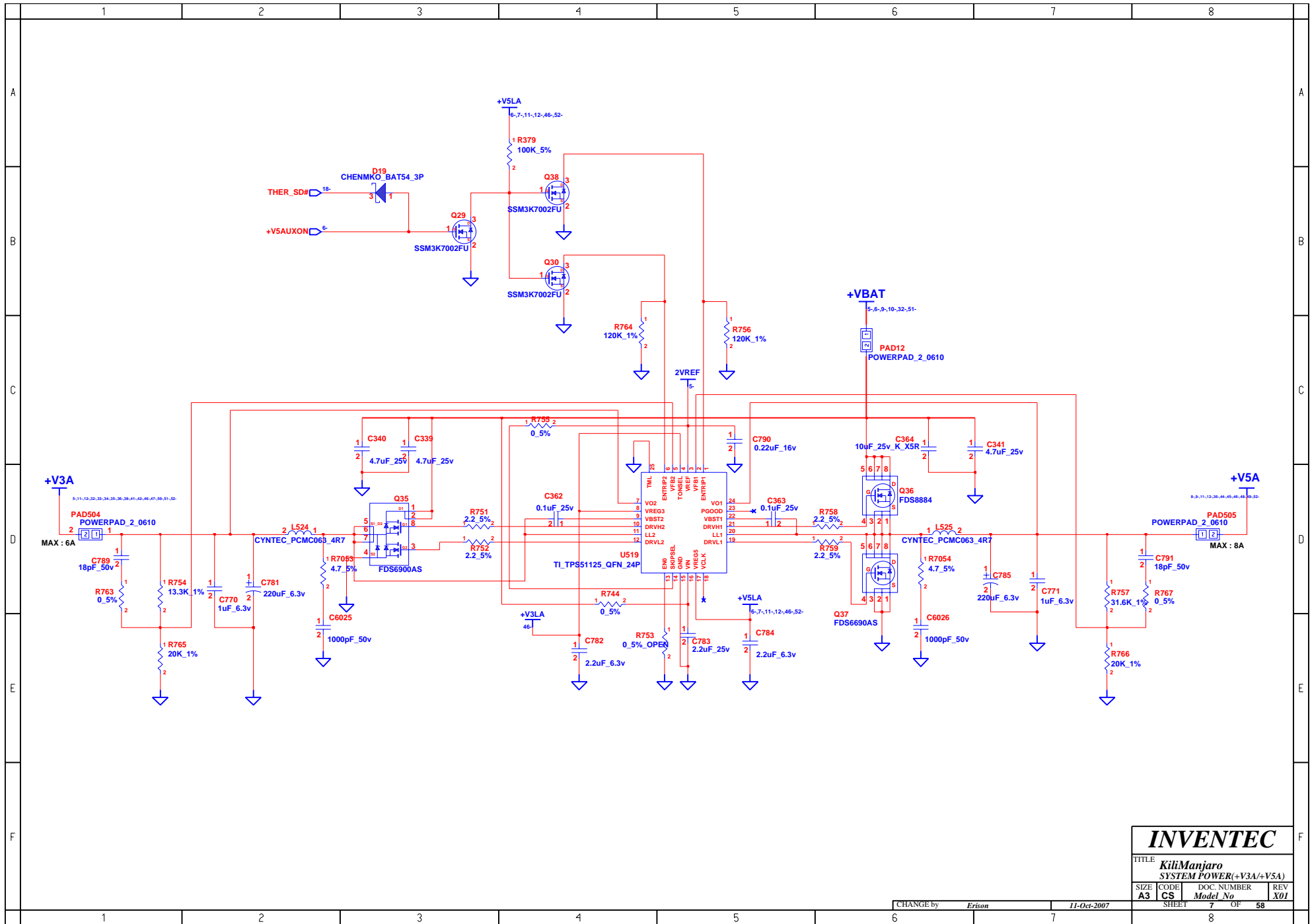
TITLE
KiliManjaro

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by *Erison* 28-Nov-2007

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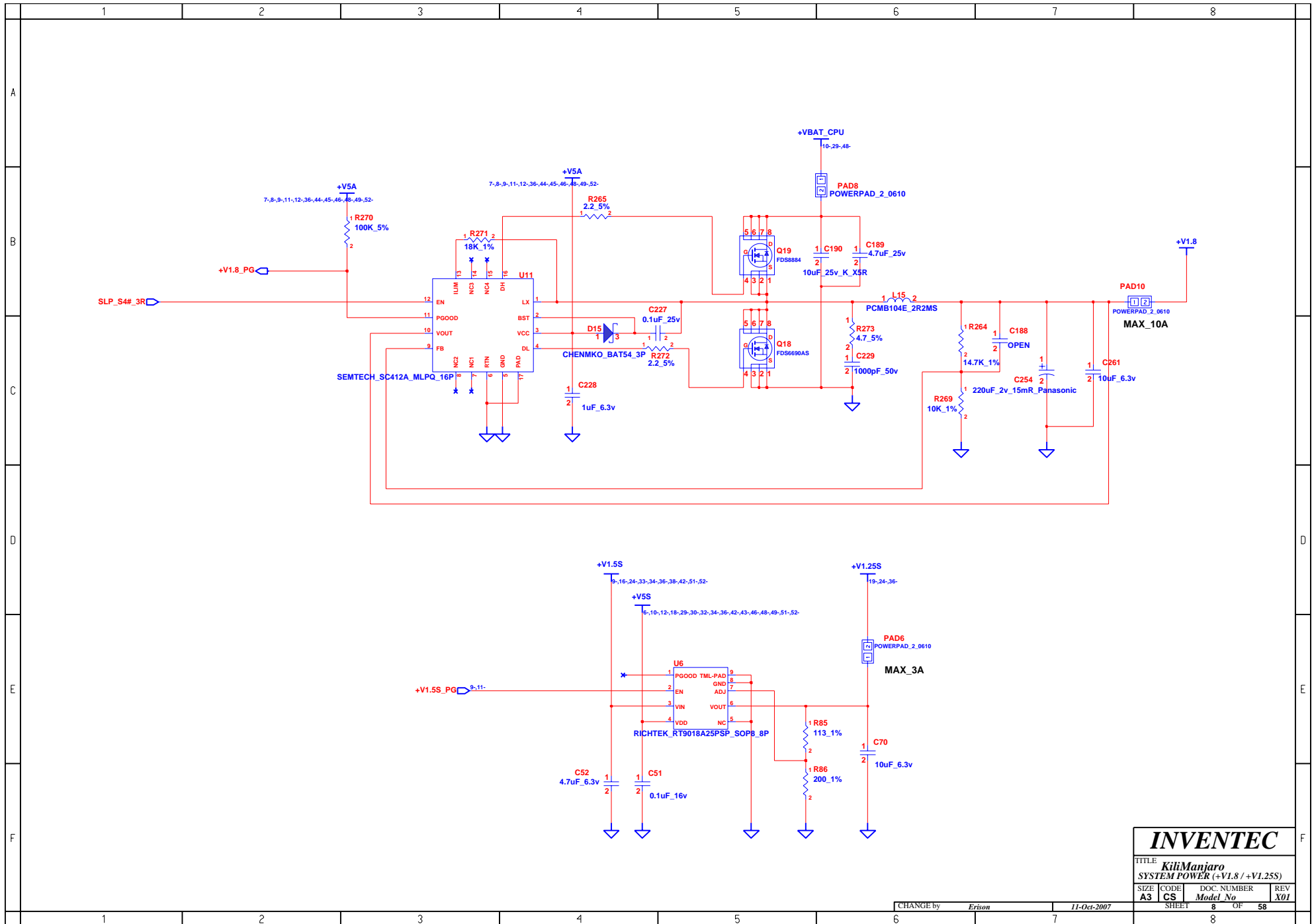


INVENTEC

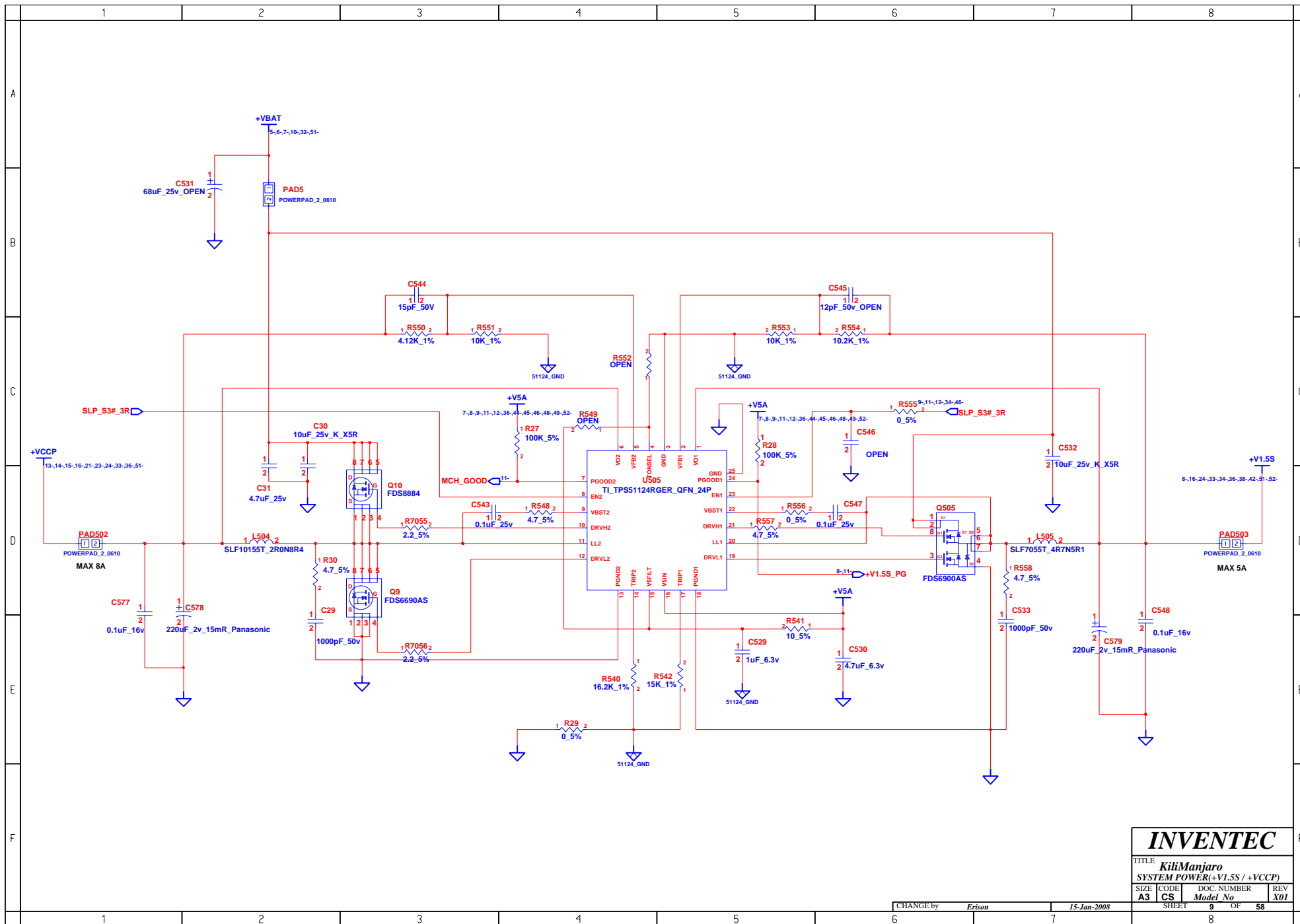
TITLE			
KiliManjaro			
SYSTEM POWER(+V3A/+V5A)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

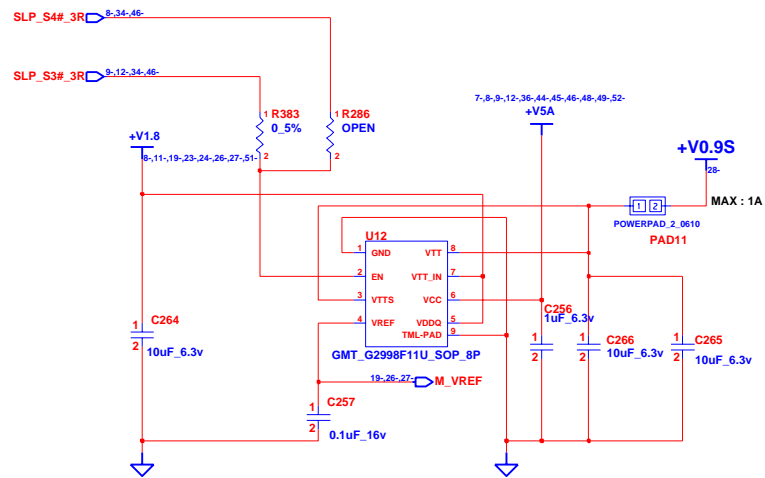
CHANGE by Erison 11-Oct-2007

SHEET 7 OF 58

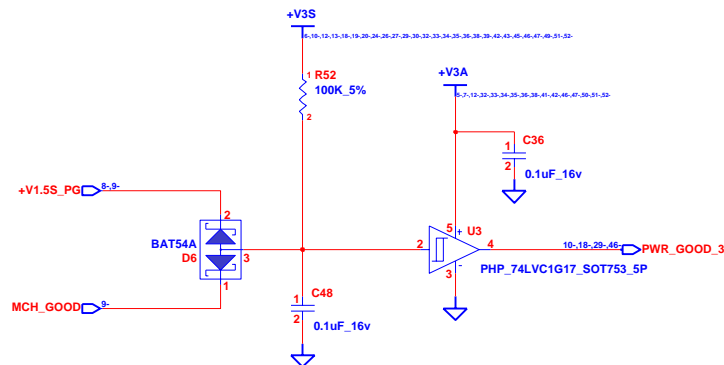
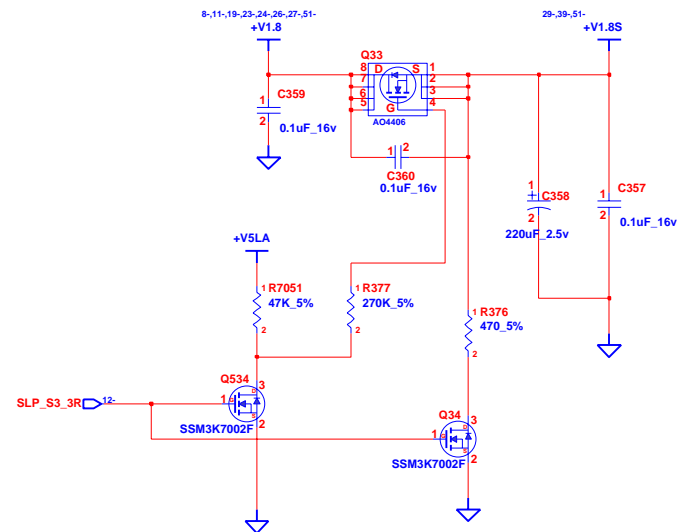


INVENTEC			
TITLE: KiliManjaro			
SYSTEM POWER (+V1.8 / +V1.25S)			
SIZE: A3	CODE: CS	DOC. NUMBER: Model No	REV: X01
CHANGE by: Erison		11-Oct-2007	
SHEET: 8		OF: 58	

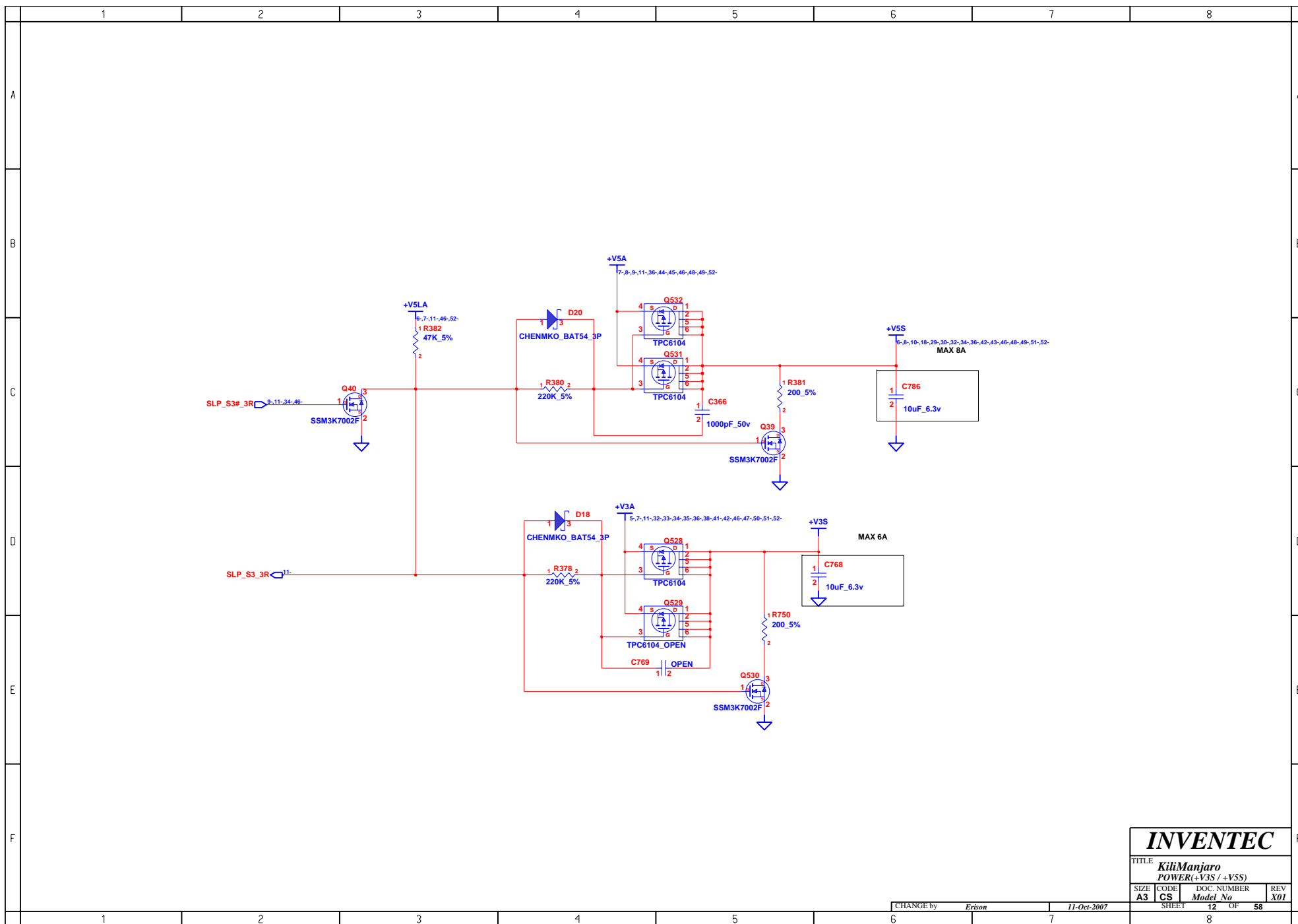


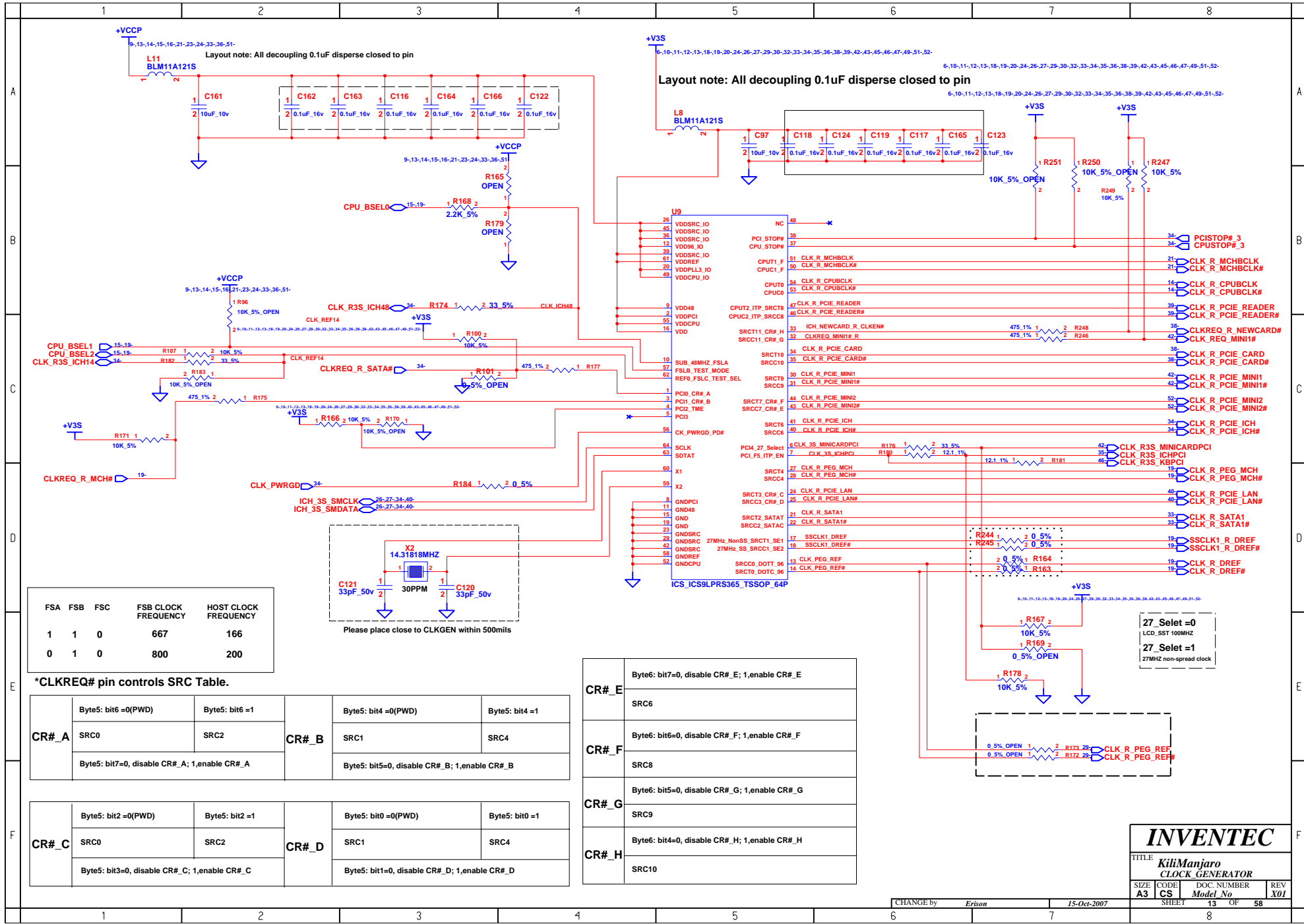


NOTE: DDR2 REGULATOR



INVENTEC			
TITLE			
KiliManjaro			
+V0.9S / +V1.8S / POWER GOOD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		SHEET	
Erison		11	
11-Oct-2007		OF	
		58	
		8	





FSA	FSB	FSC	FSB CLOCK FREQUENCY	HOST CLOCK FREQUENCY
1	1	0	667	166
0	1	0	800	200

*CLKREQ# pin controls SRC Table.

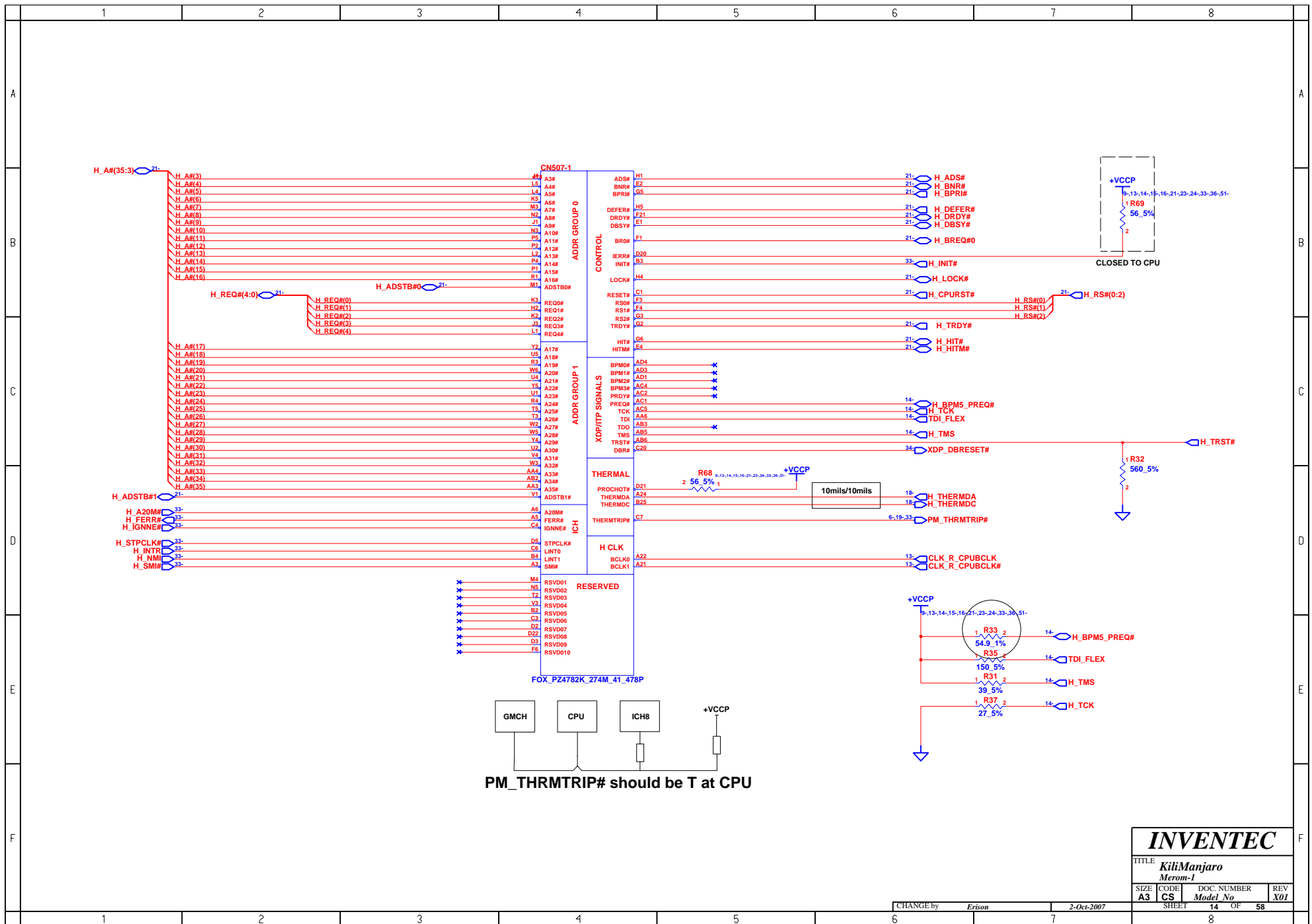
CR#_A	Byte5: bit6 =0(PWD)	Byte5: bit6 =1	CR#_B	Byte5: bit4 =0(PWD)	Byte5: bit4 =1
	SRC0	SRC2		SRC1	SRC4
	Byte5: bit7=0, disable CR#_A; 1,enable CR#_A			Byte5: bit5=0, disable CR#_B; 1,enable CR#_B	

CR#_C	Byte5: bit2 =0(PWD)	Byte5: bit2 =1	CR#_D	Byte5: bit0 =0(PWD)	Byte5: bit0 =1
	SRC0	SRC2		SRC1	SRC4
	Byte5: bit3=0, disable CR#_C; 1,enable CR#_C			Byte5: bit1=0, disable CR#_D; 1,enable CR#_D	

CR#_E	Byte6: bit7=0, disable CR#_E; 1,enable CR#_E
SRC6	
CR#_F	Byte6: bit6=0, disable CR#_F; 1,enable CR#_F
SRC8	
CR#_G	Byte6: bit5=0, disable CR#_G; 1,enable CR#_G
SRC9	
CR#_H	Byte6: bit4=0, disable CR#_H; 1,enable CR#_H
SRC10	

INVENTEC

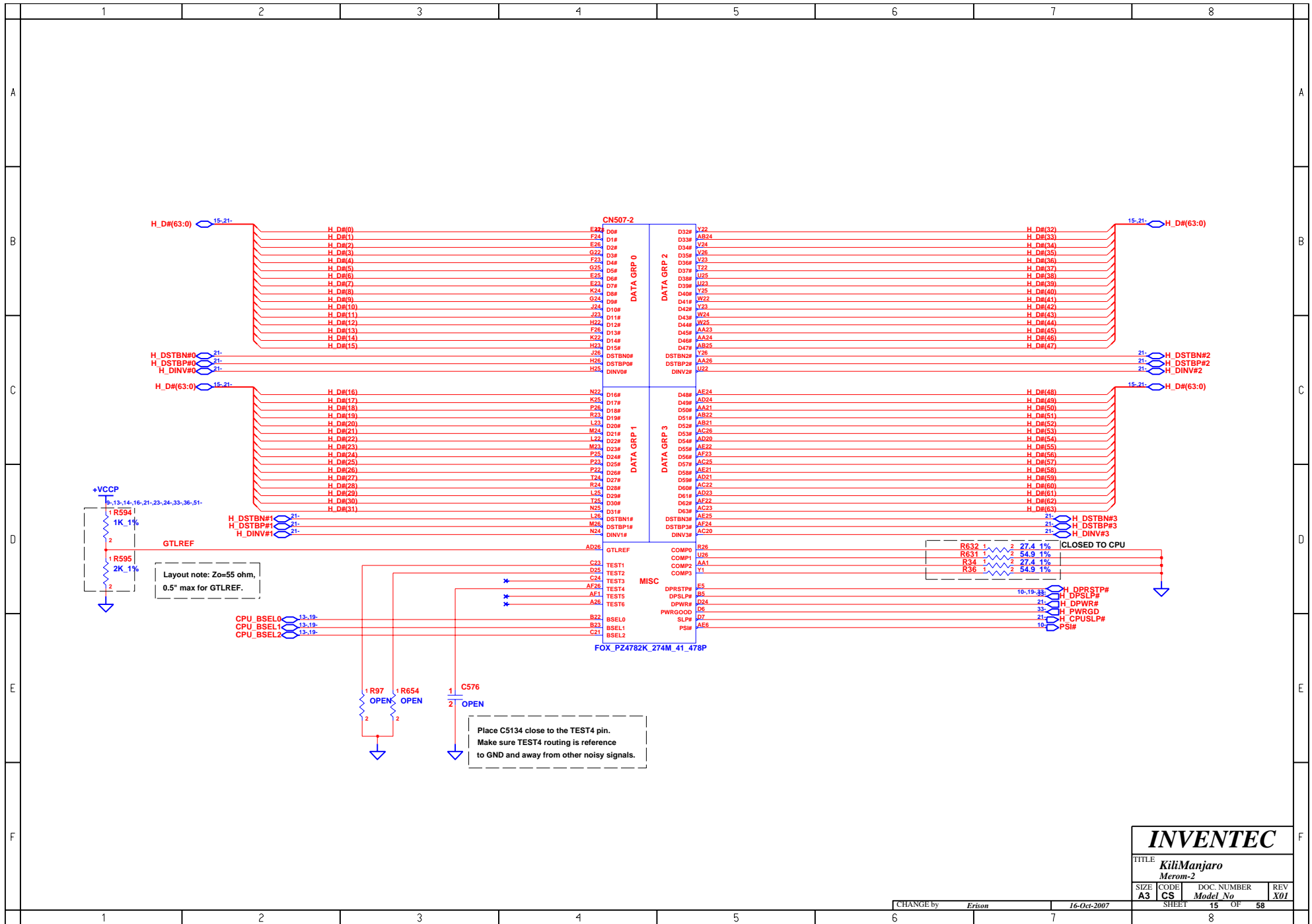
TITLE KiliManjaro CLOCK GENERATOR			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01



INVENTEC

TITLE			
KiliManjaro			
Merom-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

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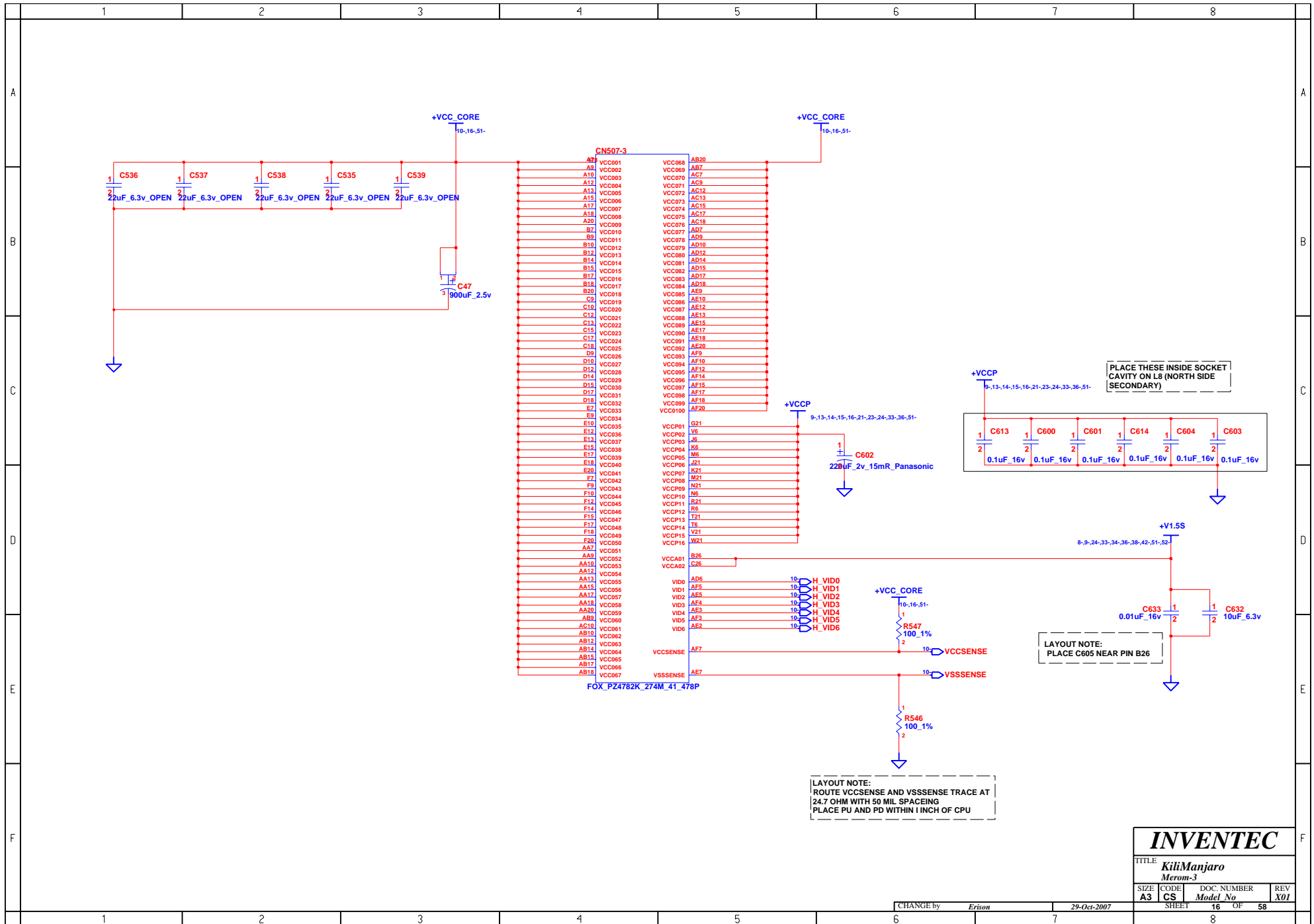


INVENTEC

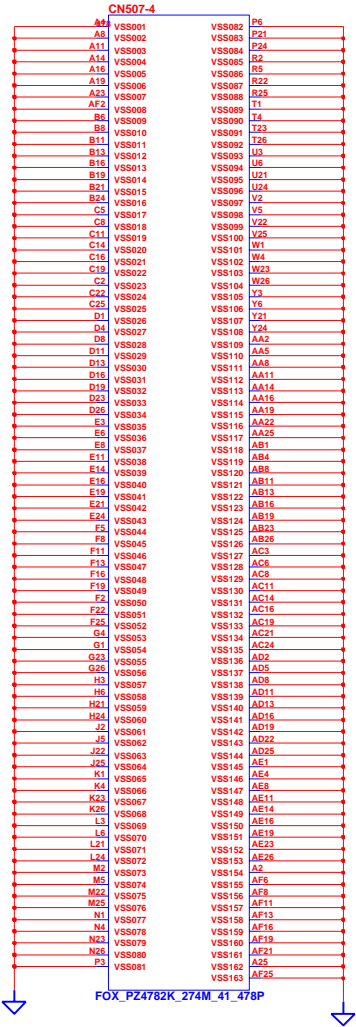
TITLE KiliManjaro Merom-2			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01

CHANGE by Erison 16-Oct-2007

SHEET 15 OF 58



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

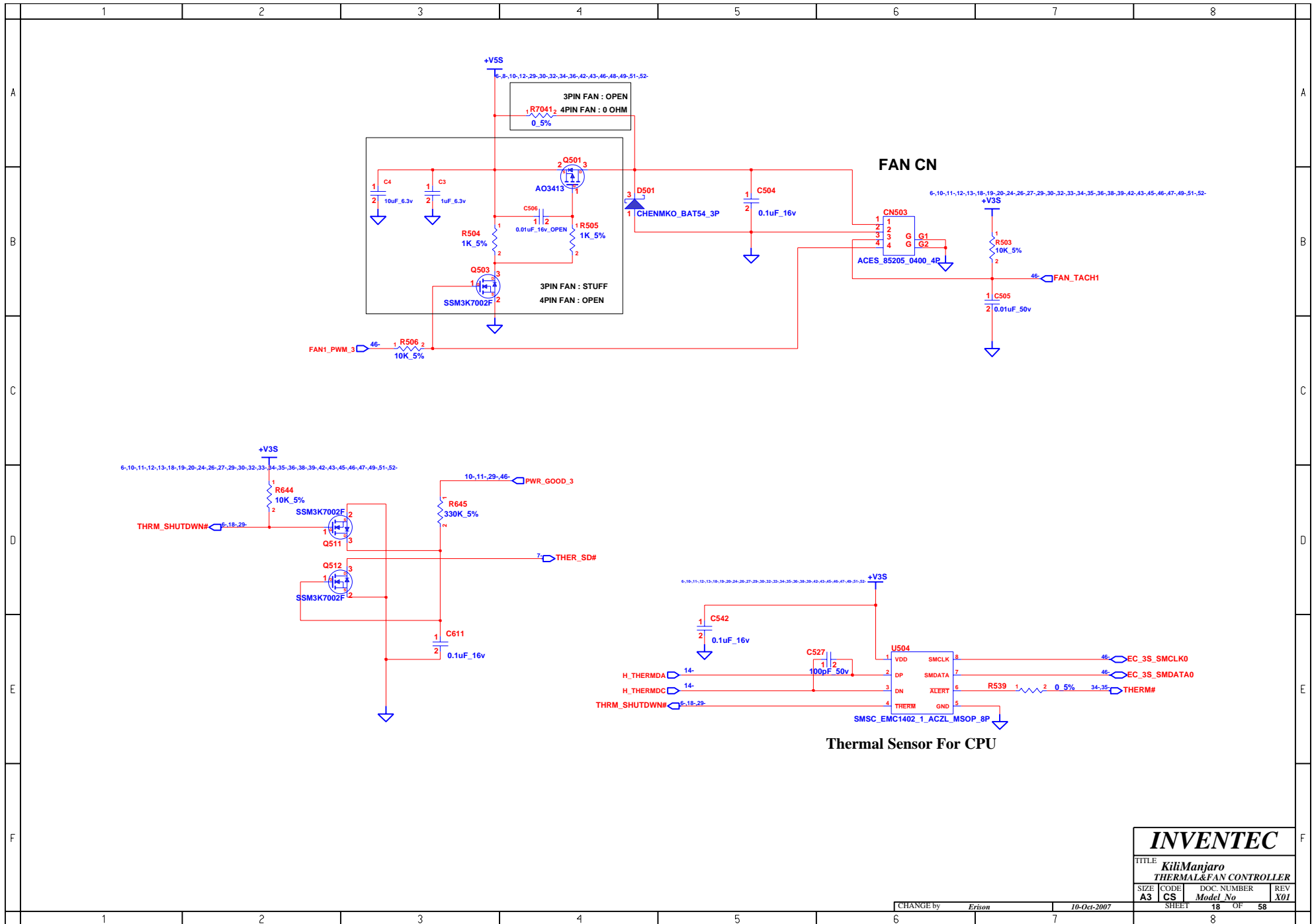


INVENTEC

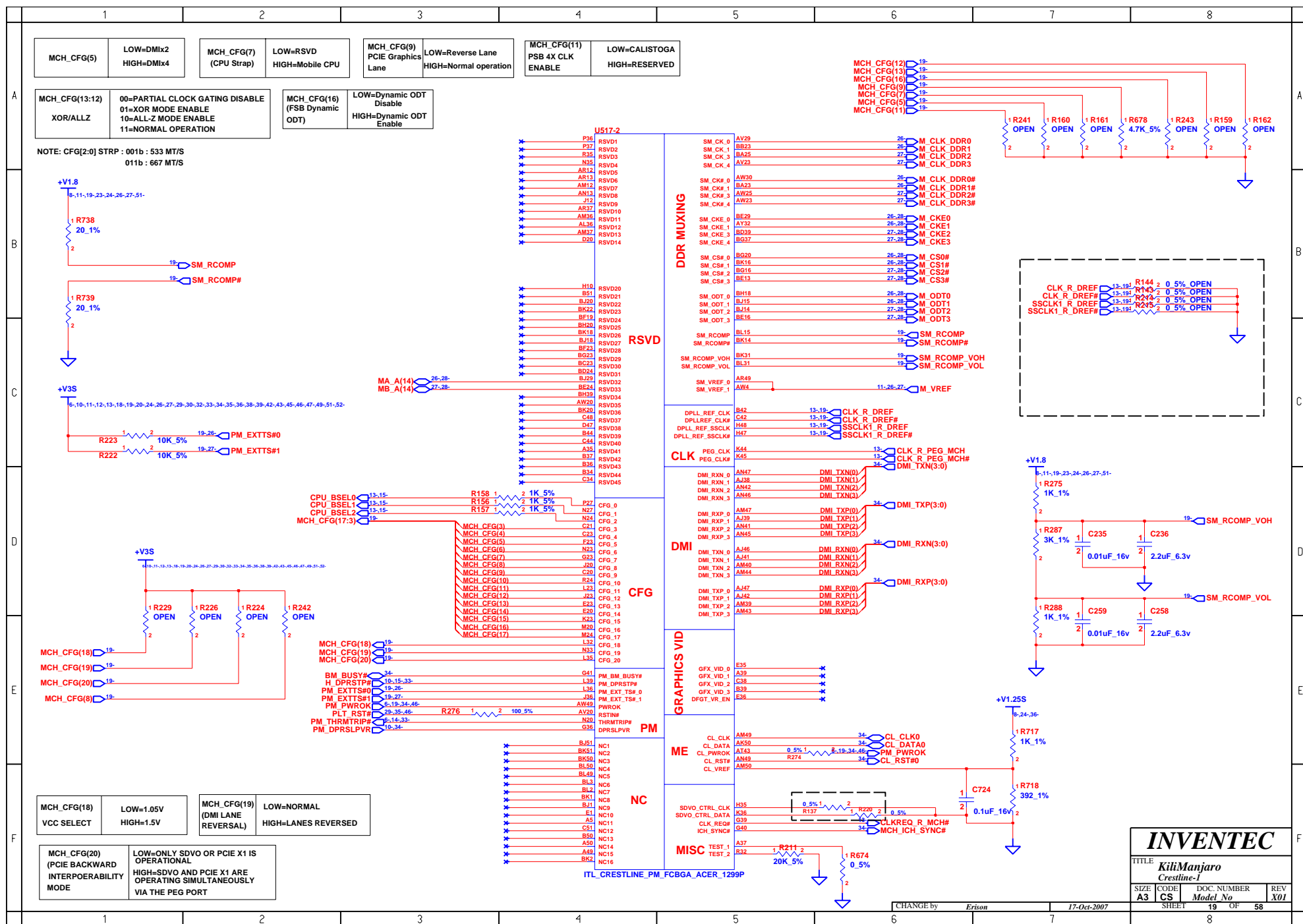
TITLE			
KiliManjaro			
Merom-4			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

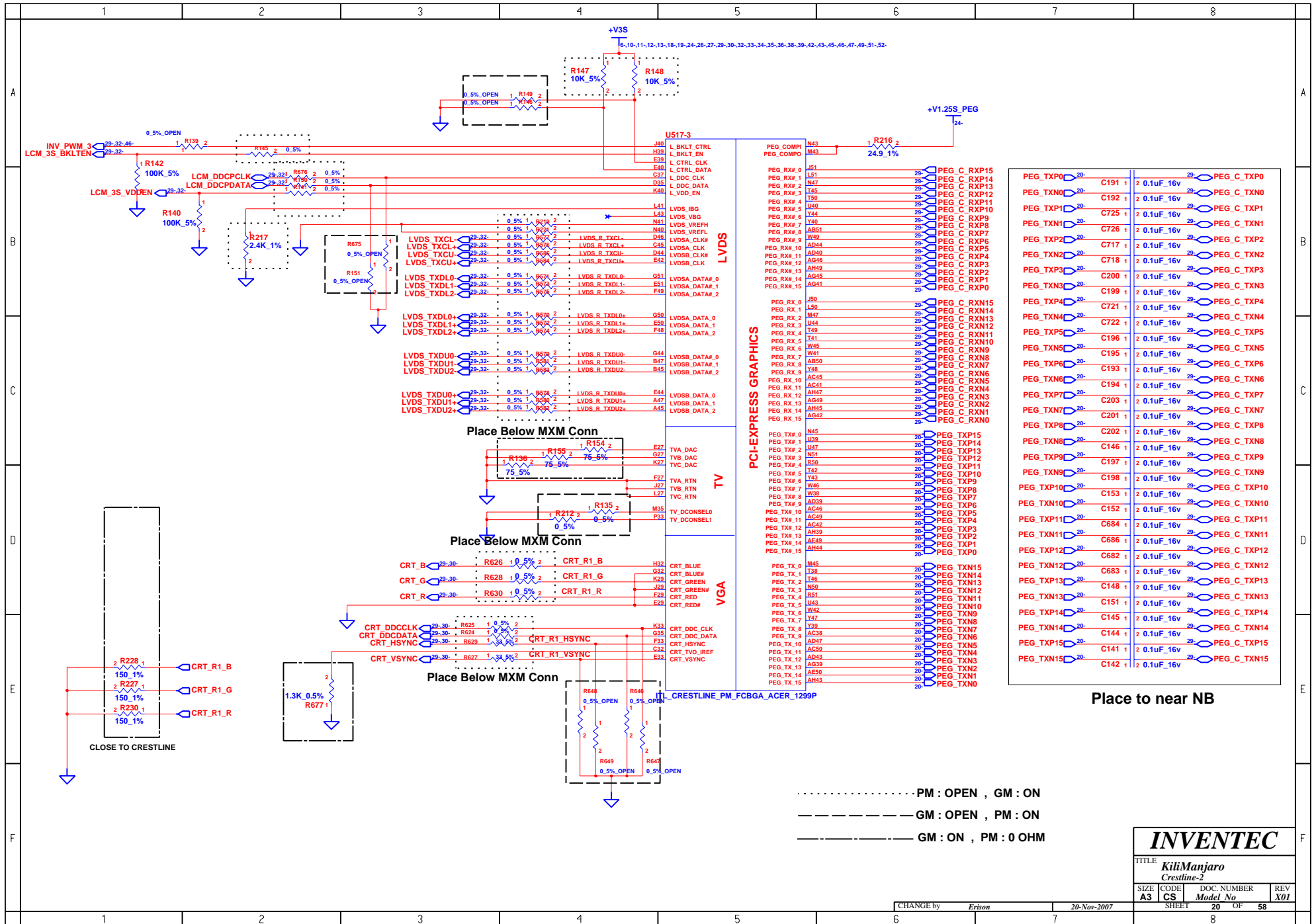
CHANGE by Erison 2-Oct-2007

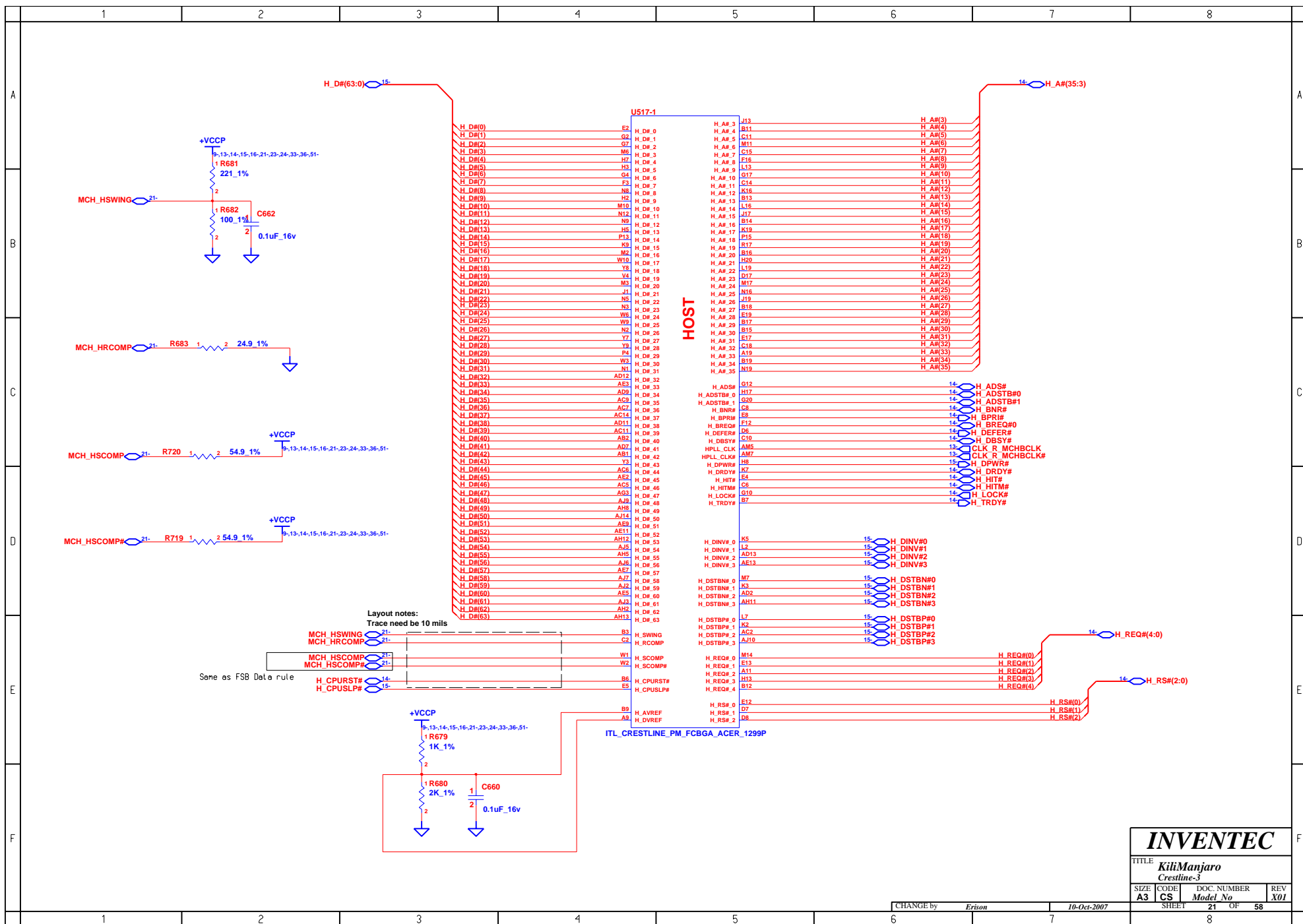
SHEET 17 OF 58



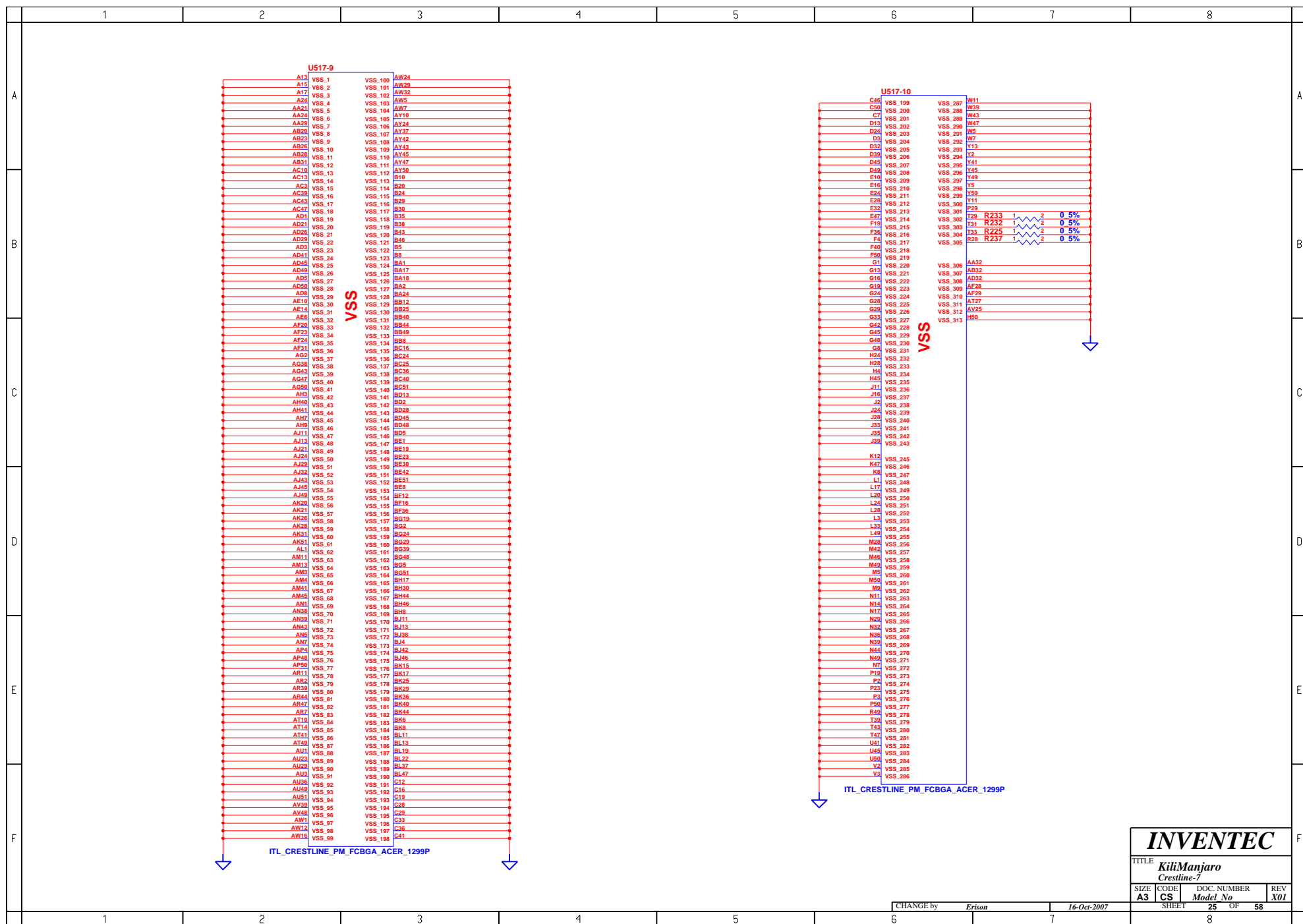
INVENTEC			
TITLE			
KiliManjaro			
THERMAL&FAN CONTROLLER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		10-Oct-2007	
SHEET		18	OF 58
		8	



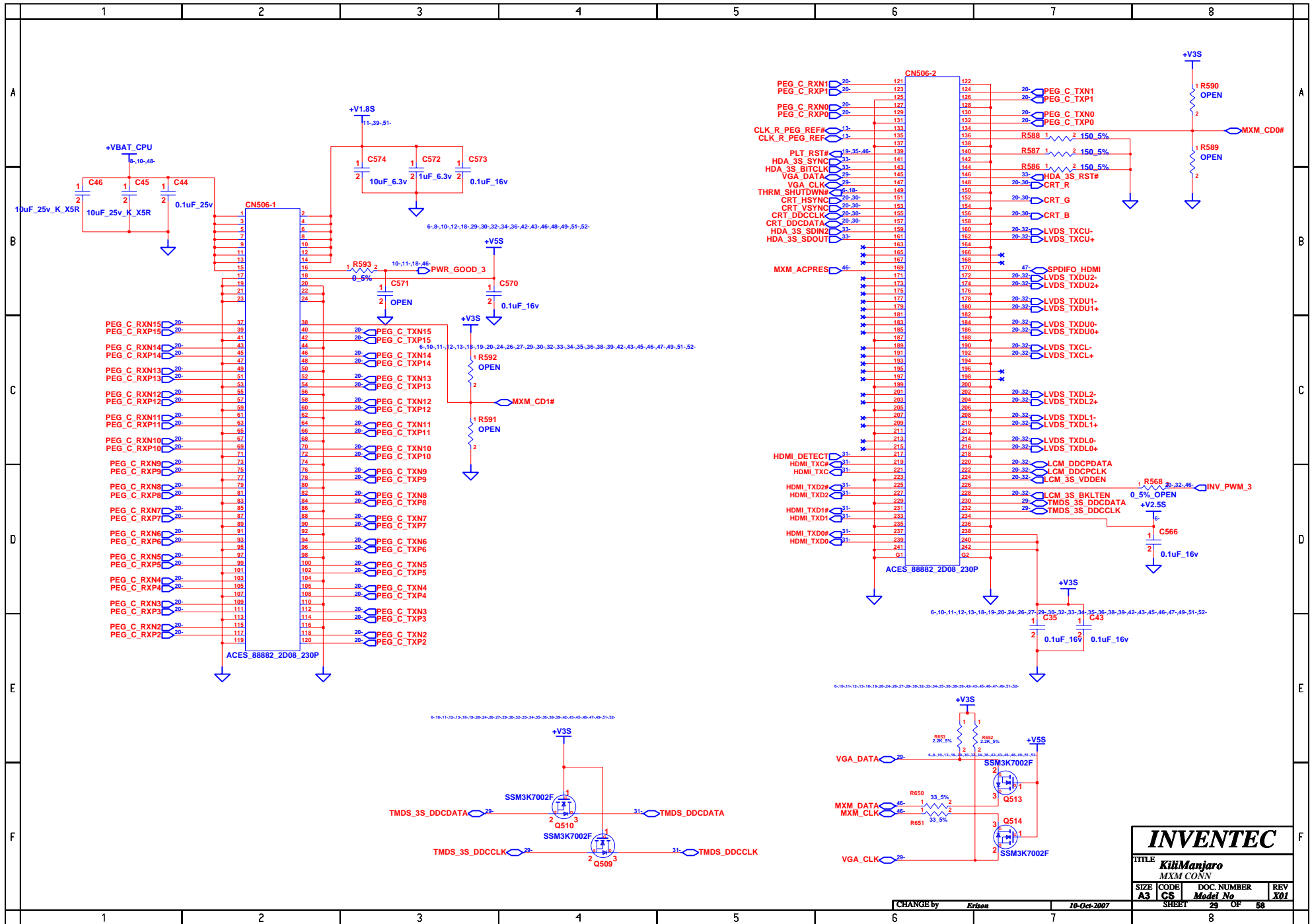












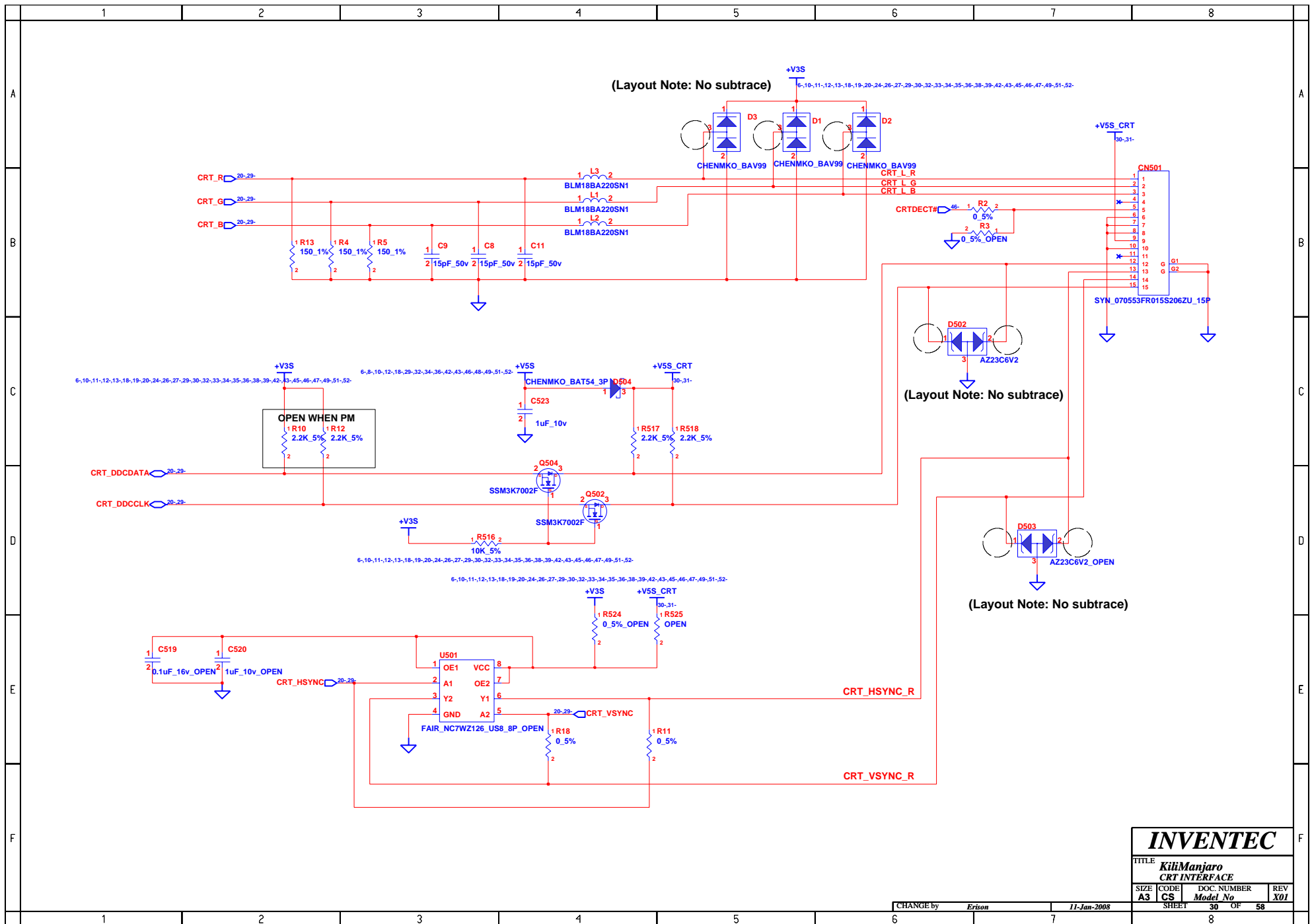
INVENTEC

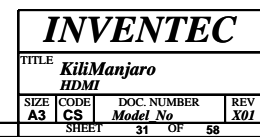
TITLE
KiliManjaro
MXM CONN

SIZE CODE DOC. NUMBER REV
A3 CS 29 OF 58

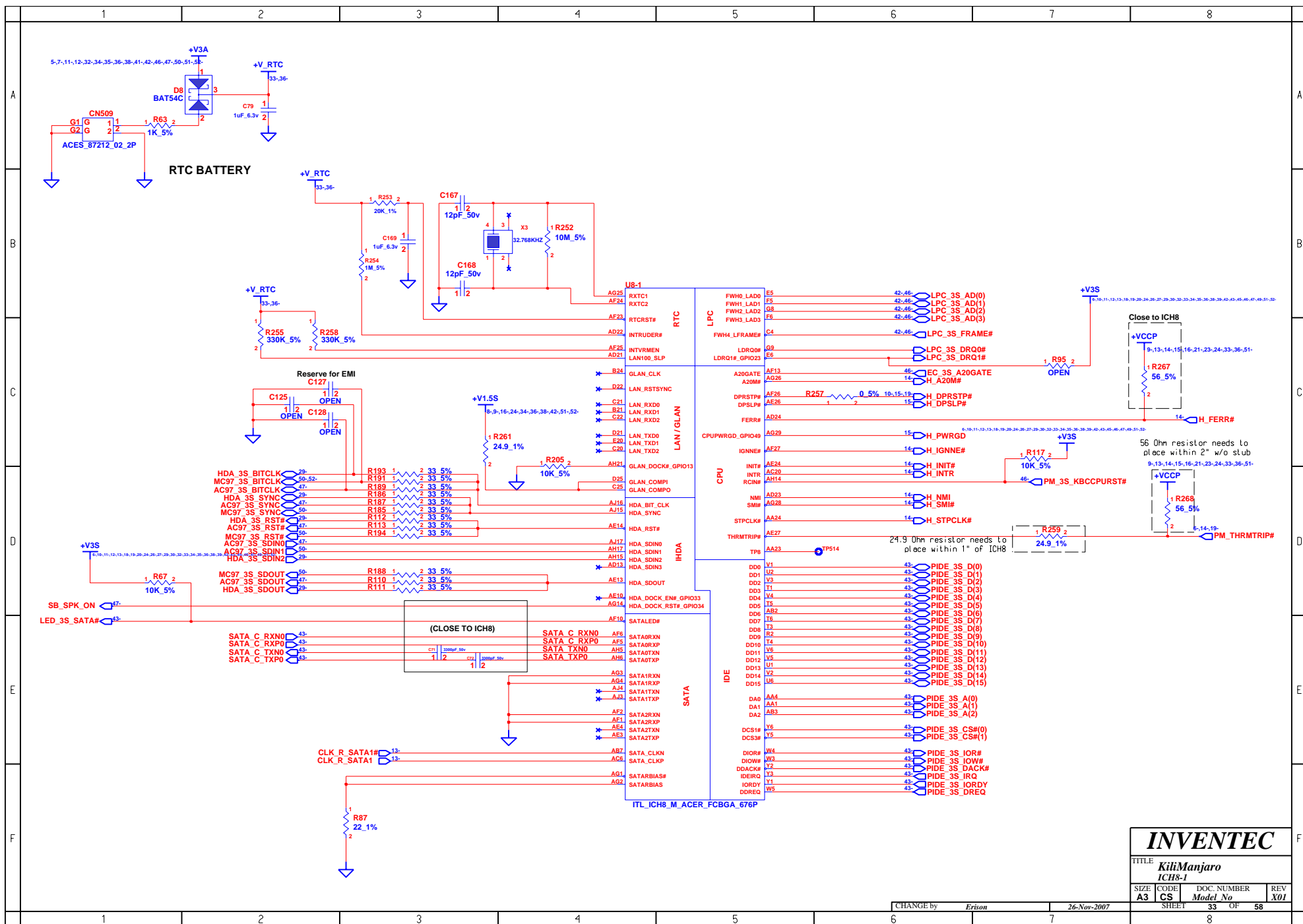
CHANGE by **Erison** 10-Oct-2007

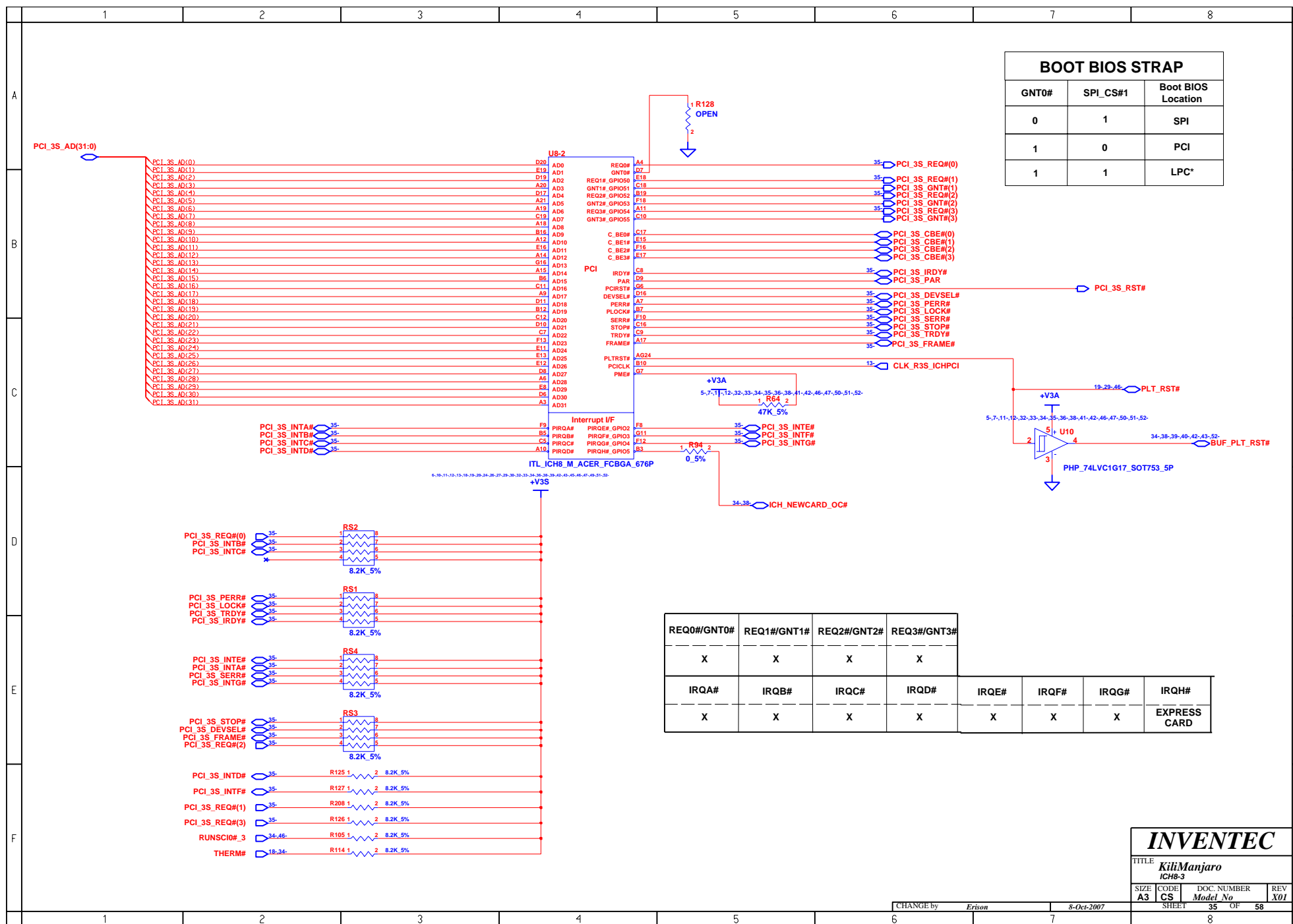
SHEET 29 OF 58











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

U8-5		
A23	VSS001	K7
A9	VSS002	L1
AA2	VSS003	L13
AA7	VSS004	L15
A25	VSS005	L26
AB1	VSS006	L27
AB24	VSS007	L4
AC11	VSS008	L5
AC14	VSS009	M12
AC24	VSS010	M13
AC25	VSS011	M14
AC27	VSS012	M15
AD17	VSS013	M16
AD20	VSS014	M17
AD28	VSS015	M23
AD29	VSS016	M28
AD3	VSS017	M29
AD4	VSS018	N1
AD6	VSS019	N11
AE1	VSS020	N12
AE12	VSS021	N13
AE2	VSS022	N14
AE22	VSS023	N15
AD1	VSS024	N16
AE29	VSS025	N17
AE5	VSS026	N18
AE6	VSS027	N26
AE9	VSS028	N27
AF14	VSS029	N4
AF16	VSS030	N5
AF18	VSS031	N6
AF3	VSS032	P12
AF4	VSS033	P13
AG5	VSS034	P14
AG6	VSS035	P15
AH10	VSS036	P16
AH13	VSS037	P17
AH16	VSS038	P23
AH19	VSS039	P28
AH2	VSS040	P29
AE28	VSS041	R11
AH22	VSS042	R12
AH24	VSS043	R13
AH26	VSS044	R14
AH3	VSS045	R15
AH4	VSS046	R16
AH8	VSS047	R17
A9	VSS048	R18
B11	VSS049	R28
B14	VSS050	R4
B17	VSS051	T12
B2	VSS052	T13
B20	VSS053	T14
B22	VSS054	T15
B8	VSS055	T16
C24	VSS056	T17
C25	VSS057	T2
C27	VSS058	T12
C6	VSS059	U12
D12	VSS060	U13
D15	VSS061	U14
D18	VSS062	U15
D2	VSS063	U16
D4	VSS064	U17
E21	VSS065	U23
E24	VSS066	U26
E4	VSS067	U27
F9	VSS068	U3
F15	VSS069	U5
E23	VSS070	V13
F28	VSS071	V15
F29	VSS072	V26
F7	VSS073	V29
G1	VSS074	W2
E2	VSS075	W25
G10	VSS076	W27
G13	VSS077	Y28
G19	VSS078	Y29
G23	VSS079	Y4
G25	VSS080	AB4
G26	VSS081	AB23
G27	VSS082	AB5
H25	VSS083	AB6
H28	VSS084	AD5
H29	VSS085	U4
H3	VSS086	W24
H6	VSS087	A1
J1	VSS088	A2
J25	VSS089	A28
J26	VSS090	A29
J27	VSS091	AH1
J4	VSS092	AH29
J5	VSS093	AJ1
K23	VSS094	AJ2
K26	VSS095	AJ29
K29	VSS096	AJ29
K3	VSS097	B1
K4	VSS098	B29

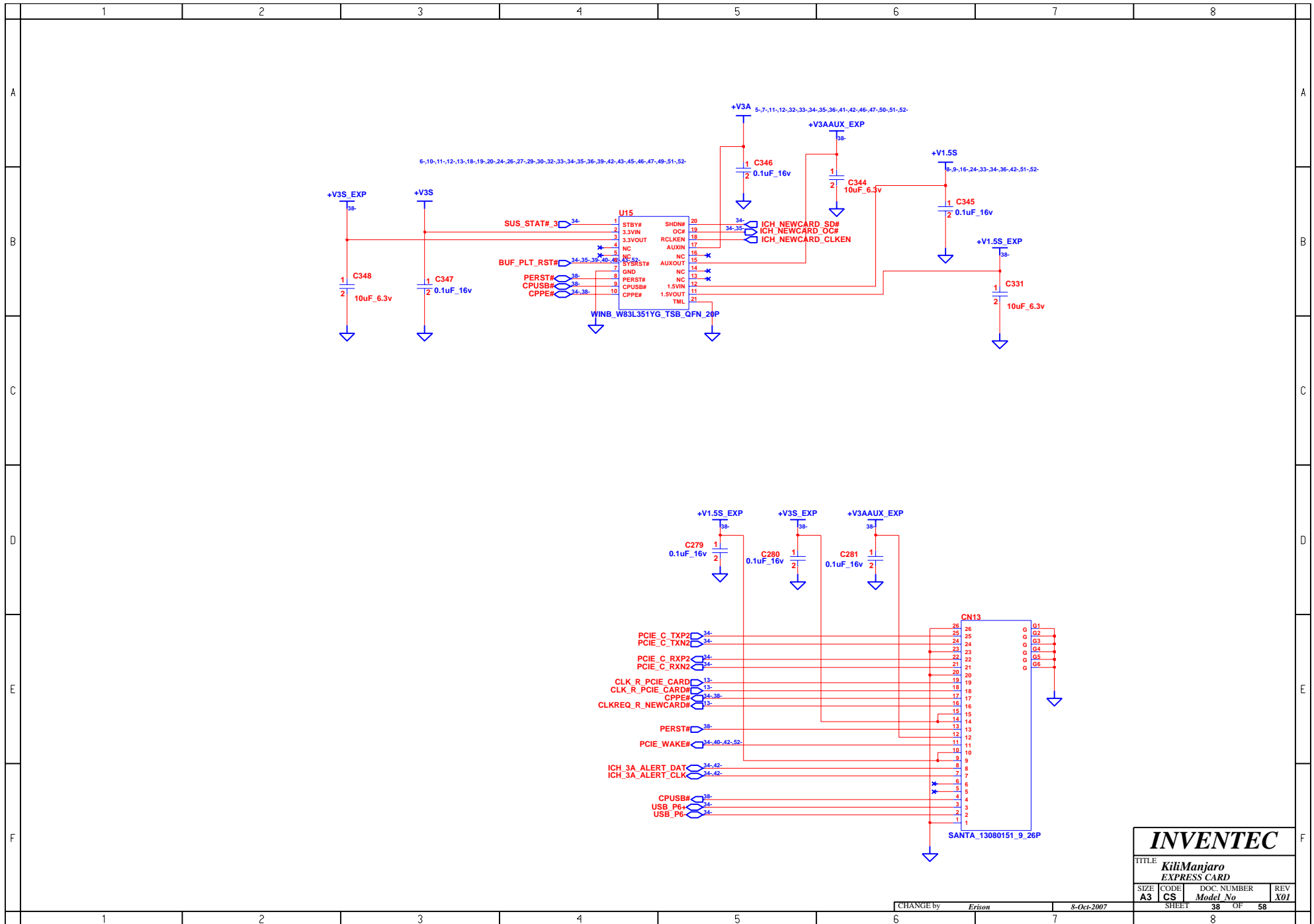
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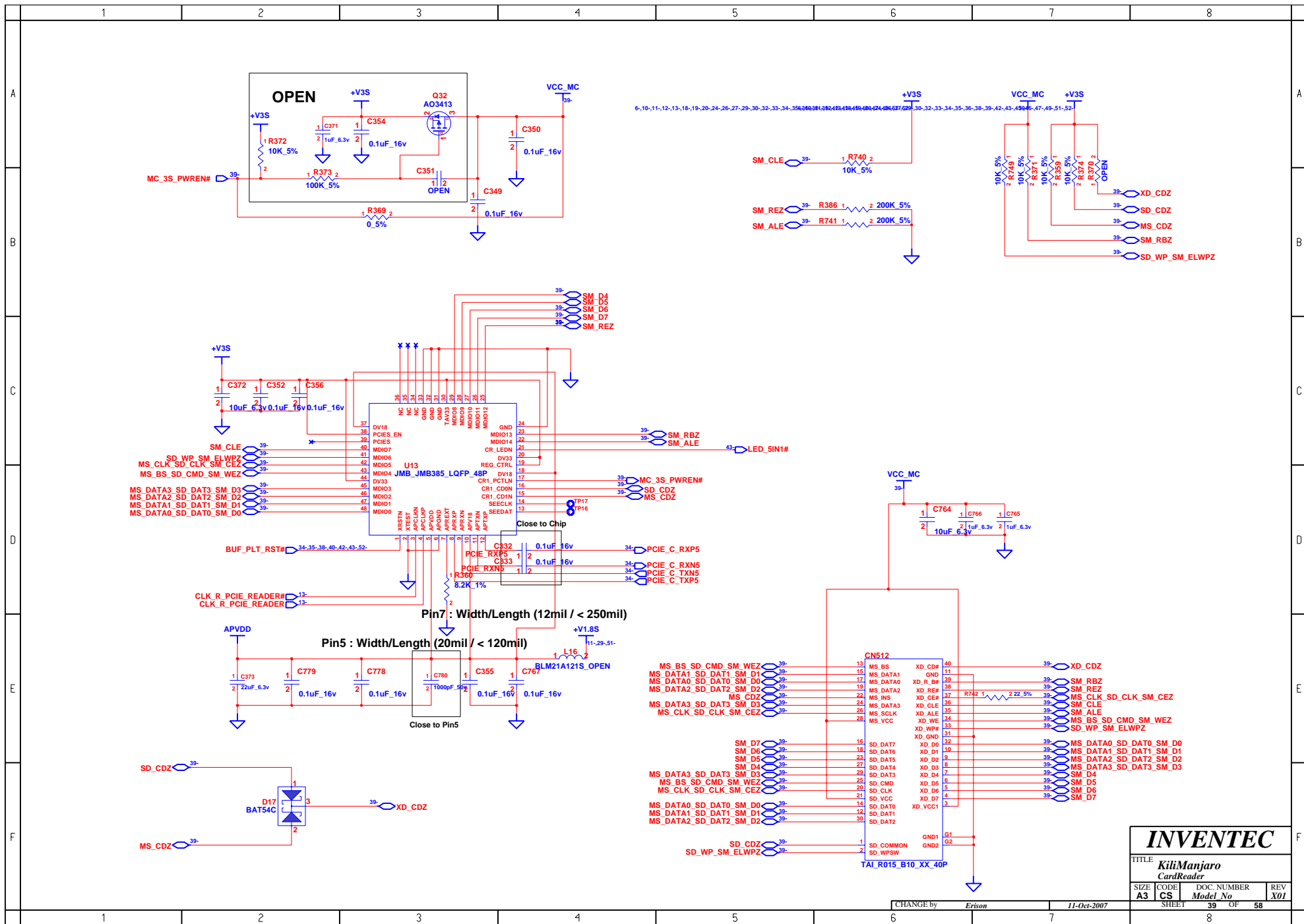


INVENTEC

TITLE KiliManjaro ICH8-5			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
SHEET		37	OF 58

CHANGE by *Erison* 4-Oct-2007





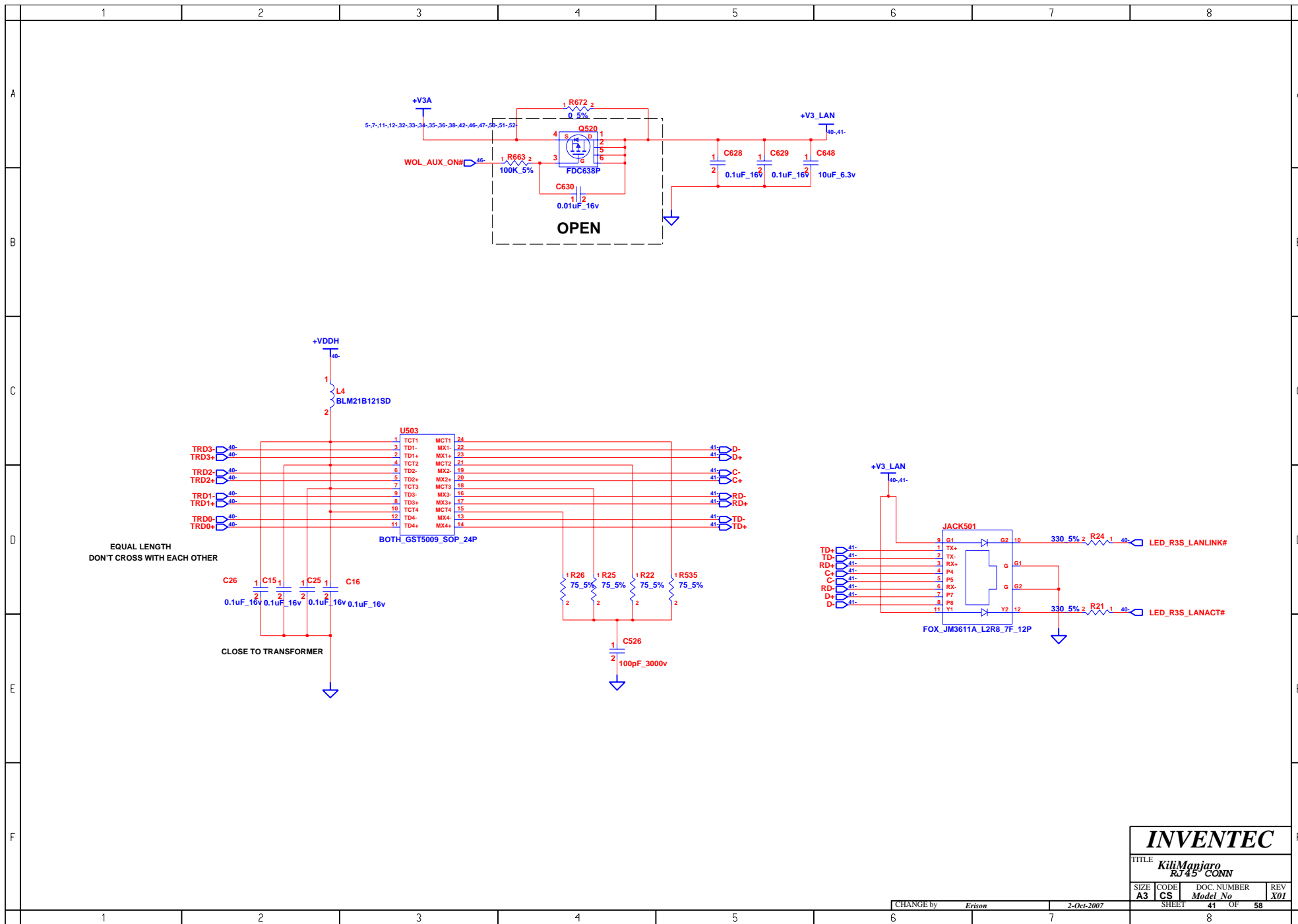
INVENTEC

TITLE
KiliManjaro
CardReader

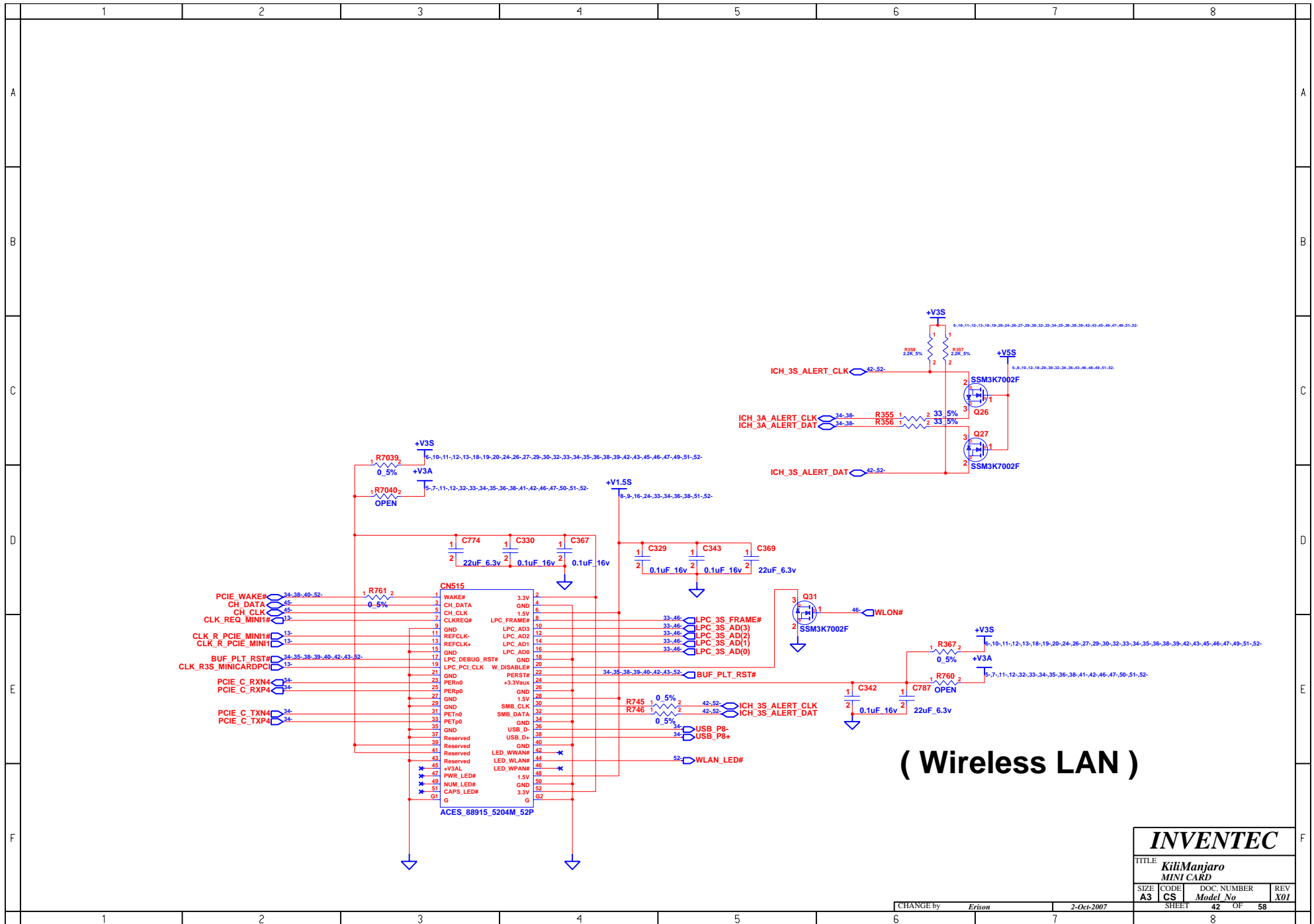
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by **Erison** 11-Oct-2007

SHEET 39 OF 58

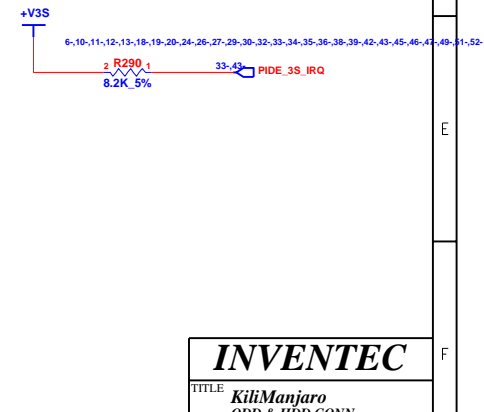
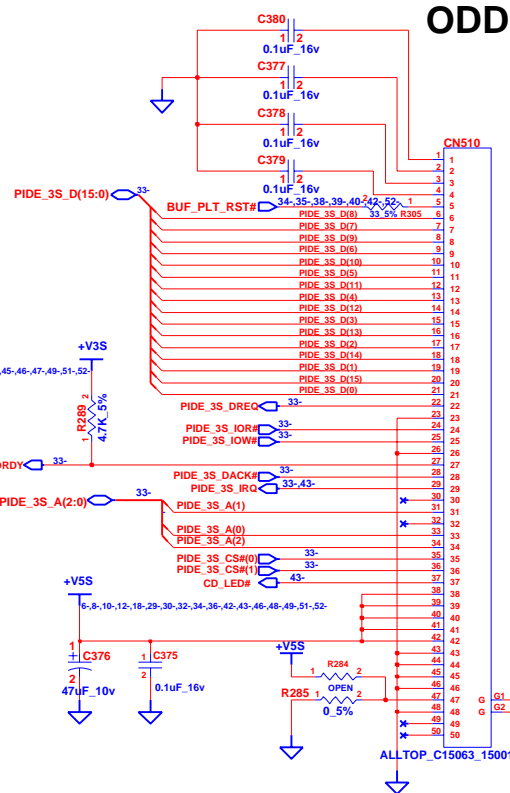


INVENTEC			
TITLE			
Kili Manjaro RJ45 CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		2-Oct-2007	
Erison			
SHEET		41	OF 58
		8	

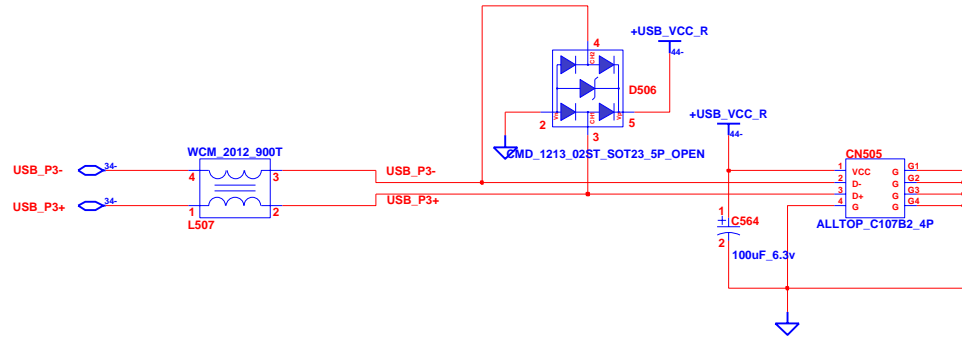
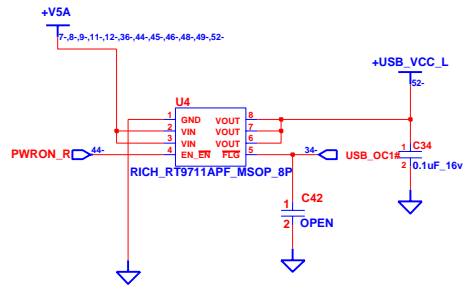
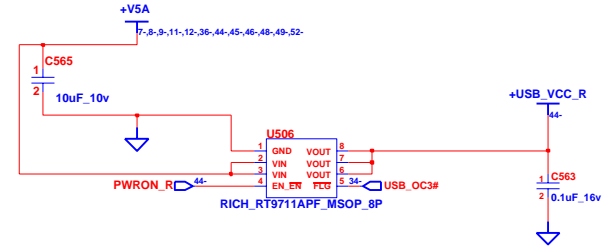
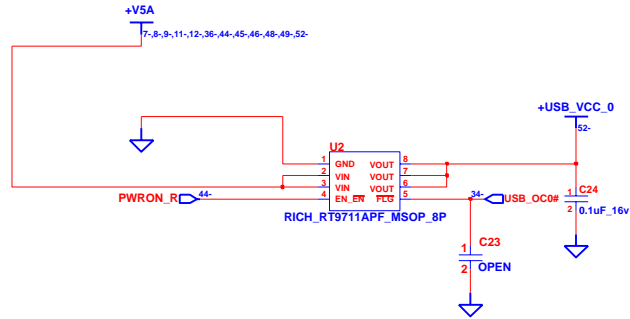


INVENTEC			
TITLE			
KiliManjaro MINI CARD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
SHEET		42	OF 58

CHANGE by Erison 2-Oct-2007



CS *Model No*
SHEET 43 OF 58



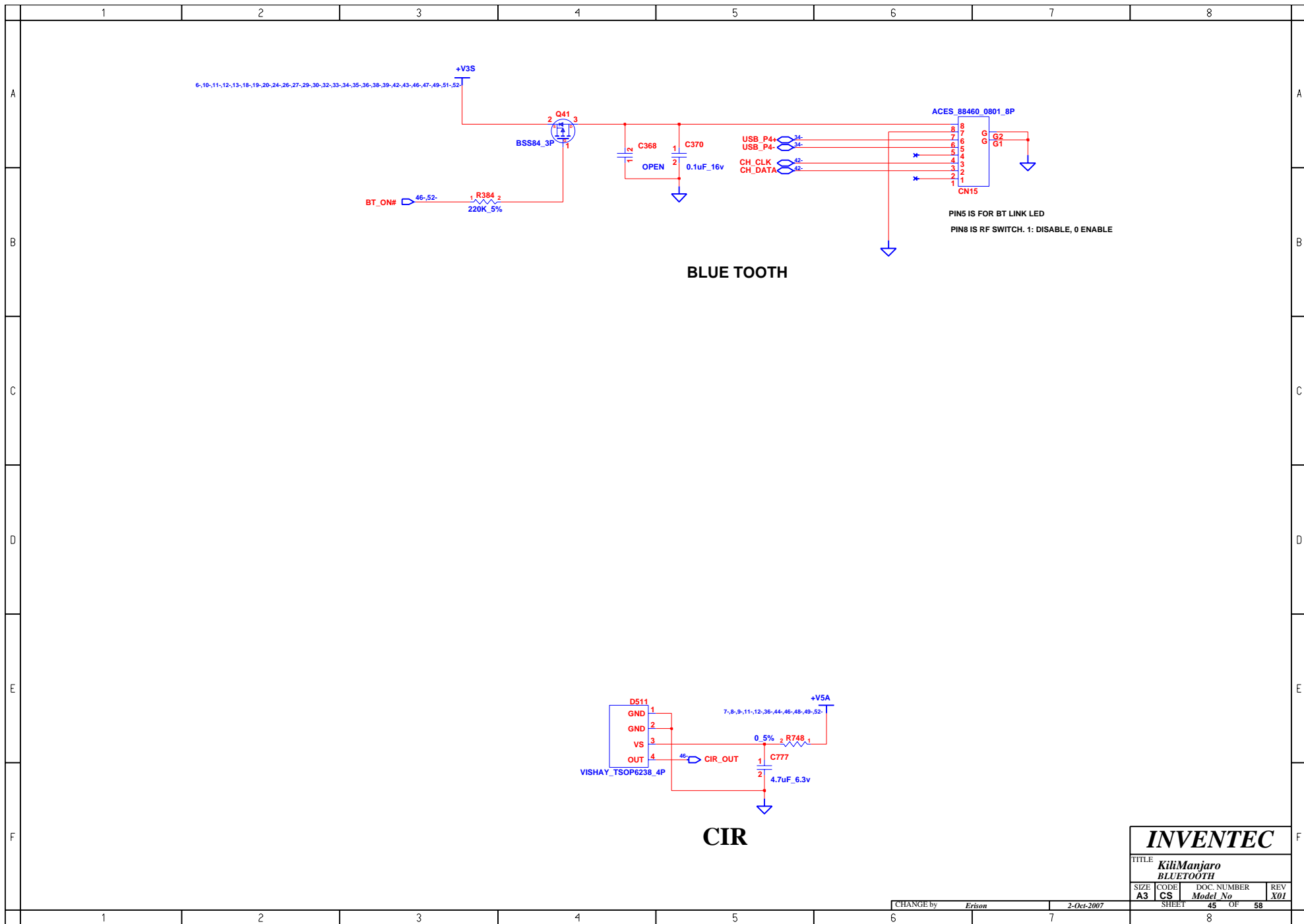
SLP_S5#_3R 34-46- R43 1 2 0.5%
 USB_PWRON 46- R45 1 2 0.5% OPEN

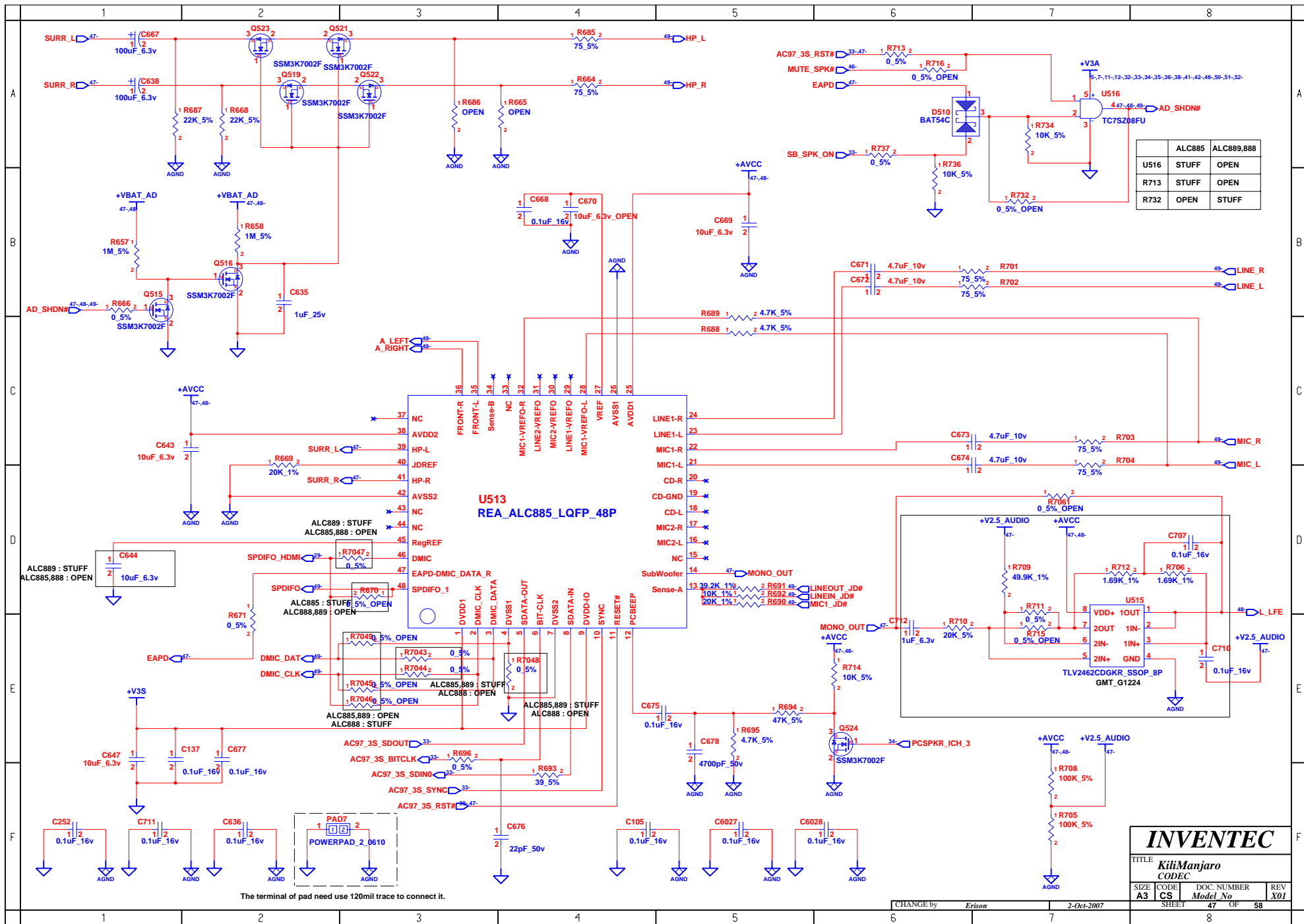
USB POWER STATE	S0	S3	S5
AC MODE	ON	ON	OFF
DC MODE	ON	ON	OFF

INVENTEC

TITLE KiliManjaro USB CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
SHEET 44		OF 58	

CHANGE by Erison 11-Jan-2008



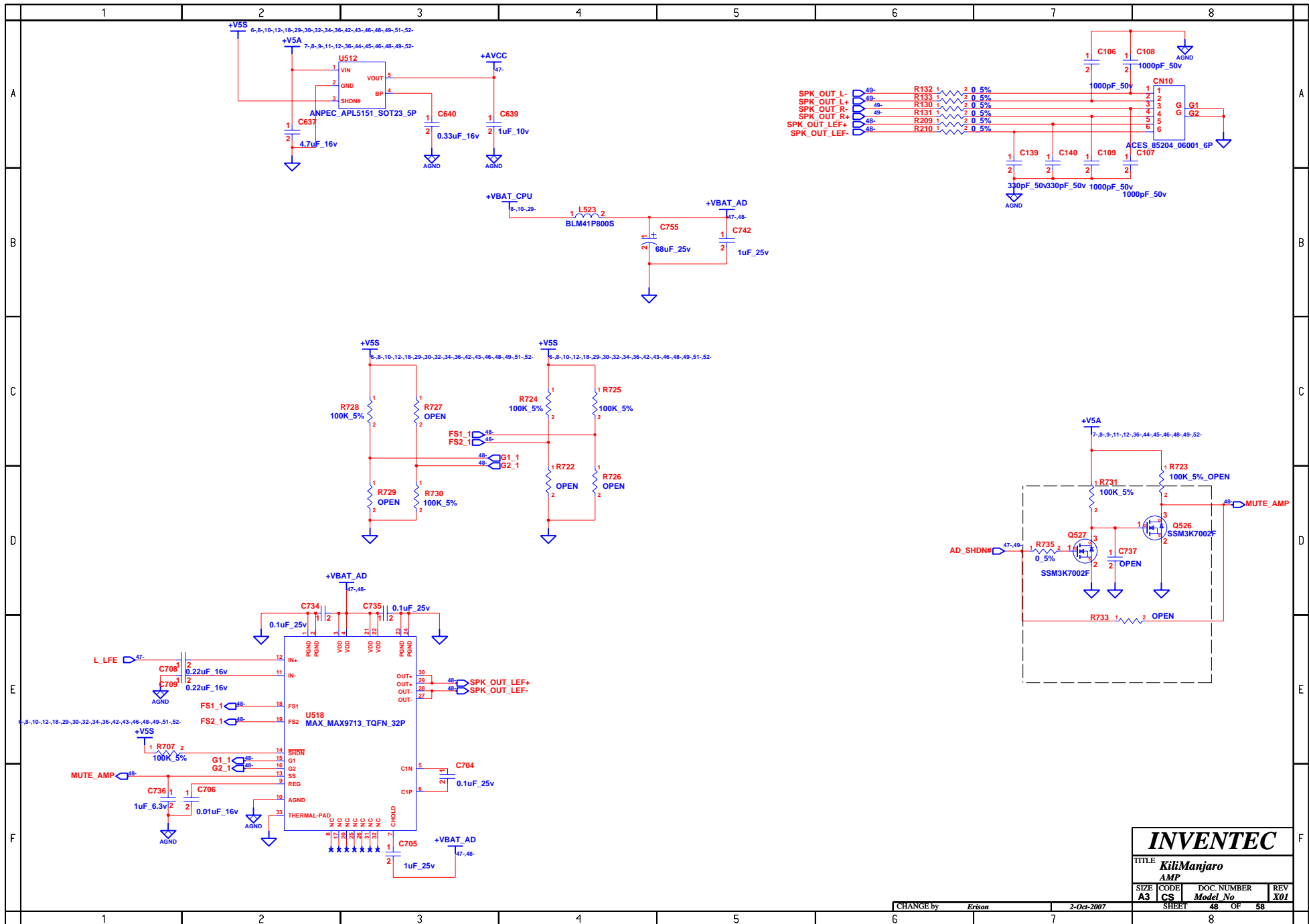


	ALC885	ALC889,888
U516	STUFF	OPEN
R713	STUFF	OPEN
R732	OPEN	STUFF

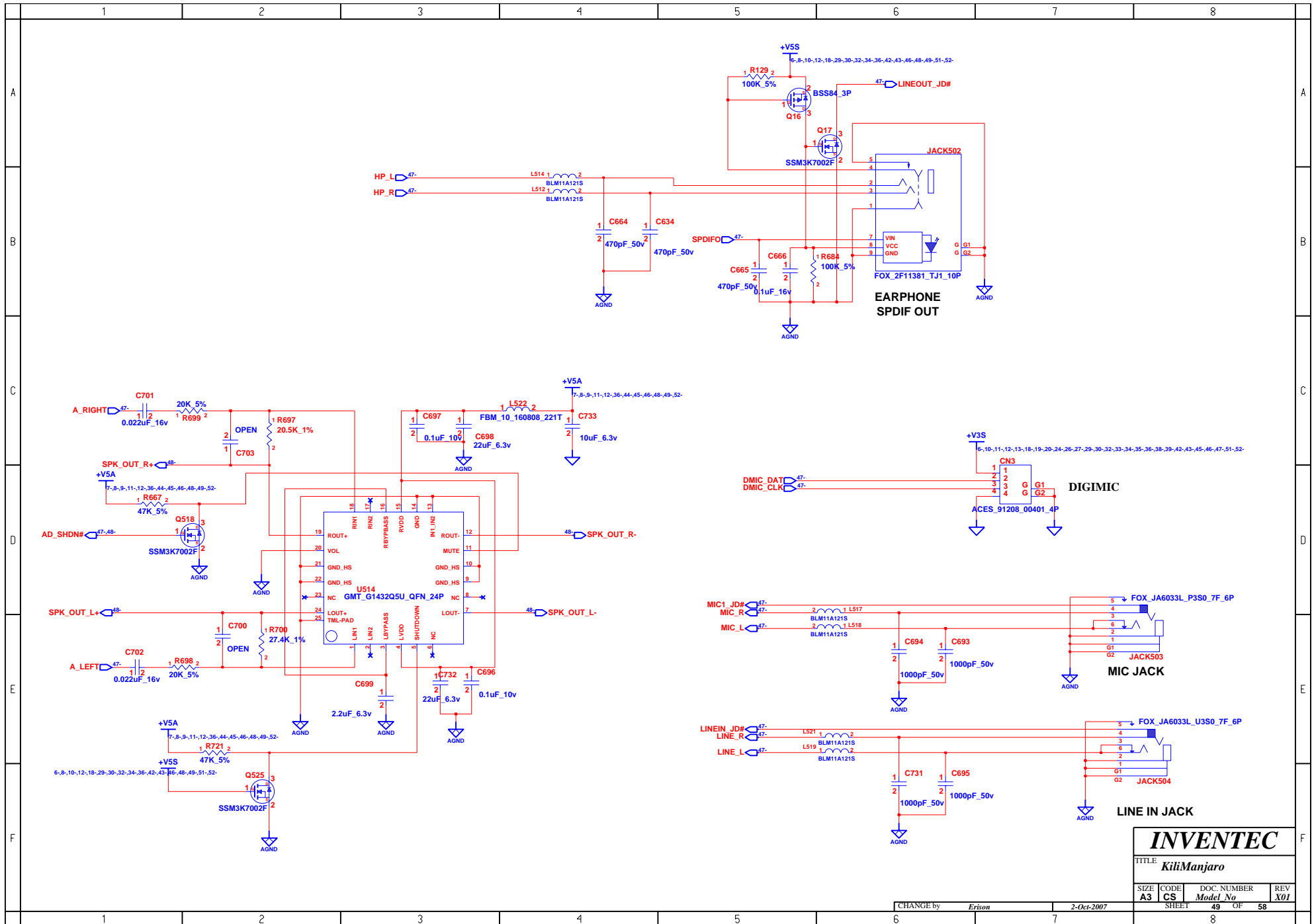
INVENTEC			
TITLE KiliManjaro CODEC			
SIZE A3	CODE CS	DOC. NUMBER	REV X01
SHEET 47		OF 58	

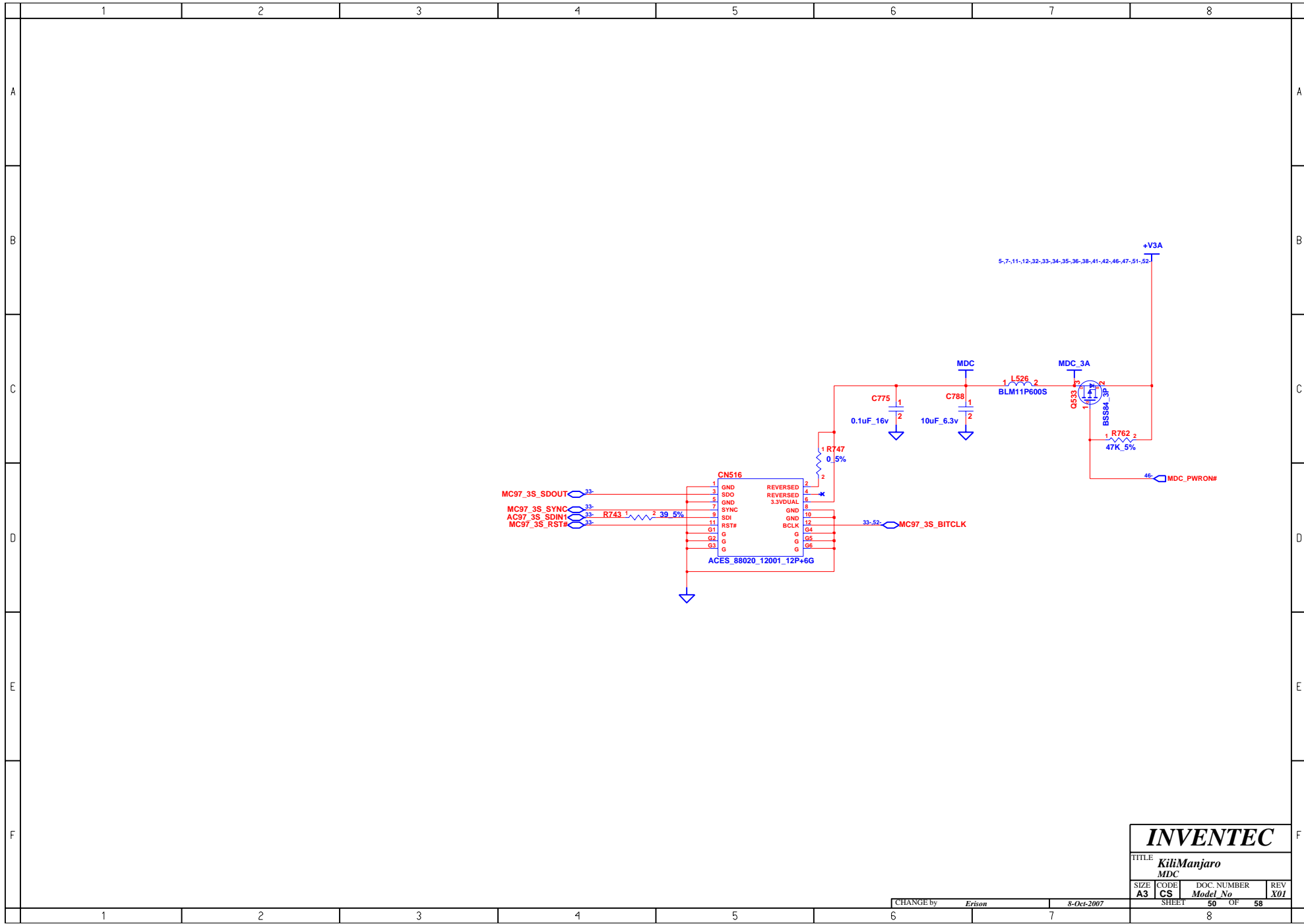
The terminal of pad need use 120mil trace to connect it.

CHANGE by Erison 2-Oct-2007



INVENTEC				
TITLE <i>KiliManjaro</i>				
AMP				
SIZE A3	CODE CS	DOC. NUMBER	REV	
		Model No	X01	
CHANGE by <i>Erlson</i>		2-Oct-2007	SHEET 48	OF 58





INVENTEC

TITLE
KiliManjaro
MDC

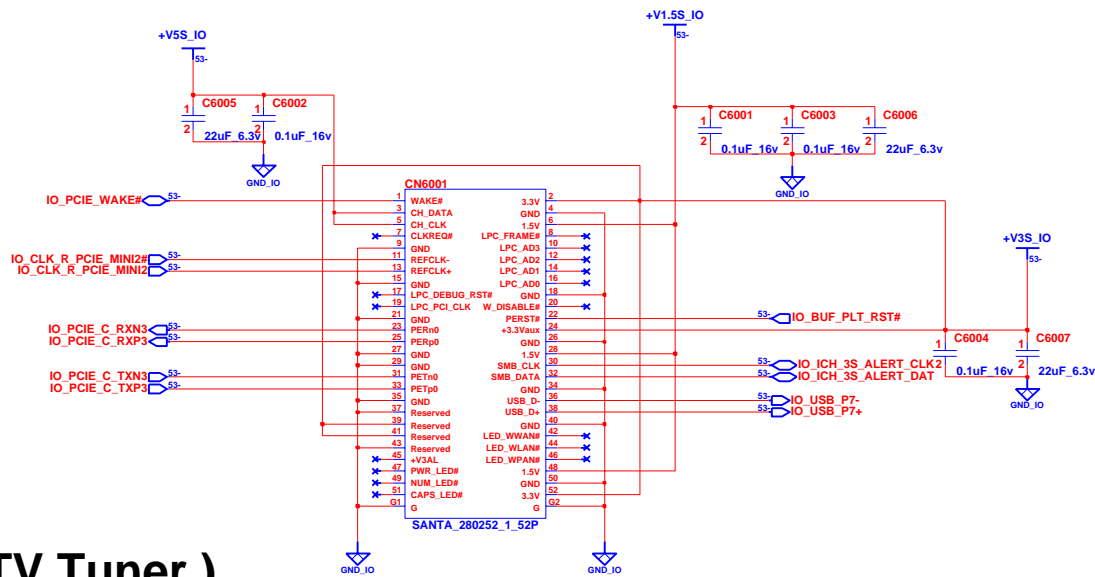
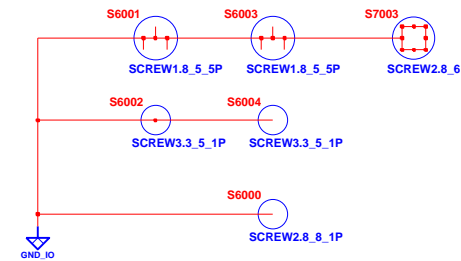
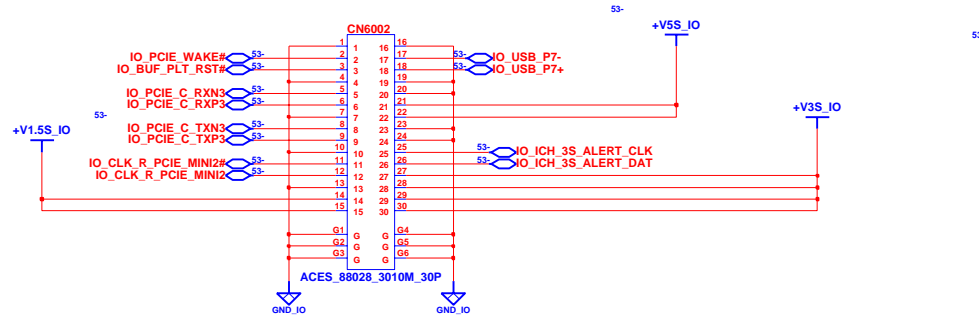
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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CHANGE by *Erison* 8-Oct-2007

SHEET 50 OF 58

CHANGE by		31-Jan-2008	AS	CS	Model_No	AO
Erison			SHEET		51	OF 58

IO BOARD



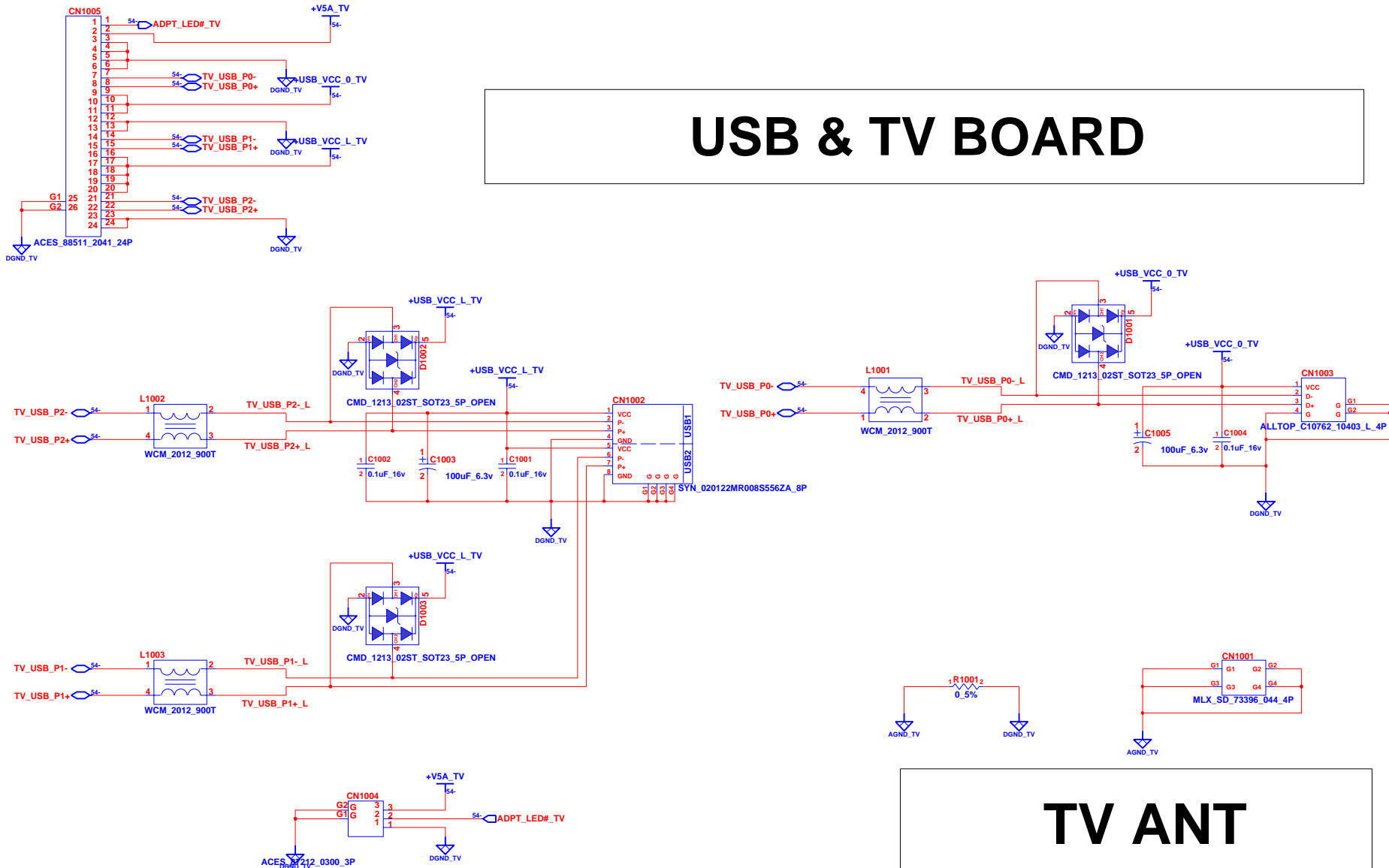
(TV Tuner)



INVENTEC			
TITLE: KiliManjaro MEDIA BOARD			
SIZE: A3	CODE: CS	DOC. NUMBER: Model No	REV: X01
SHEET 53 OF 58			

CHANGE by: Erison 11-Jan-2008

USB & TV BOARD



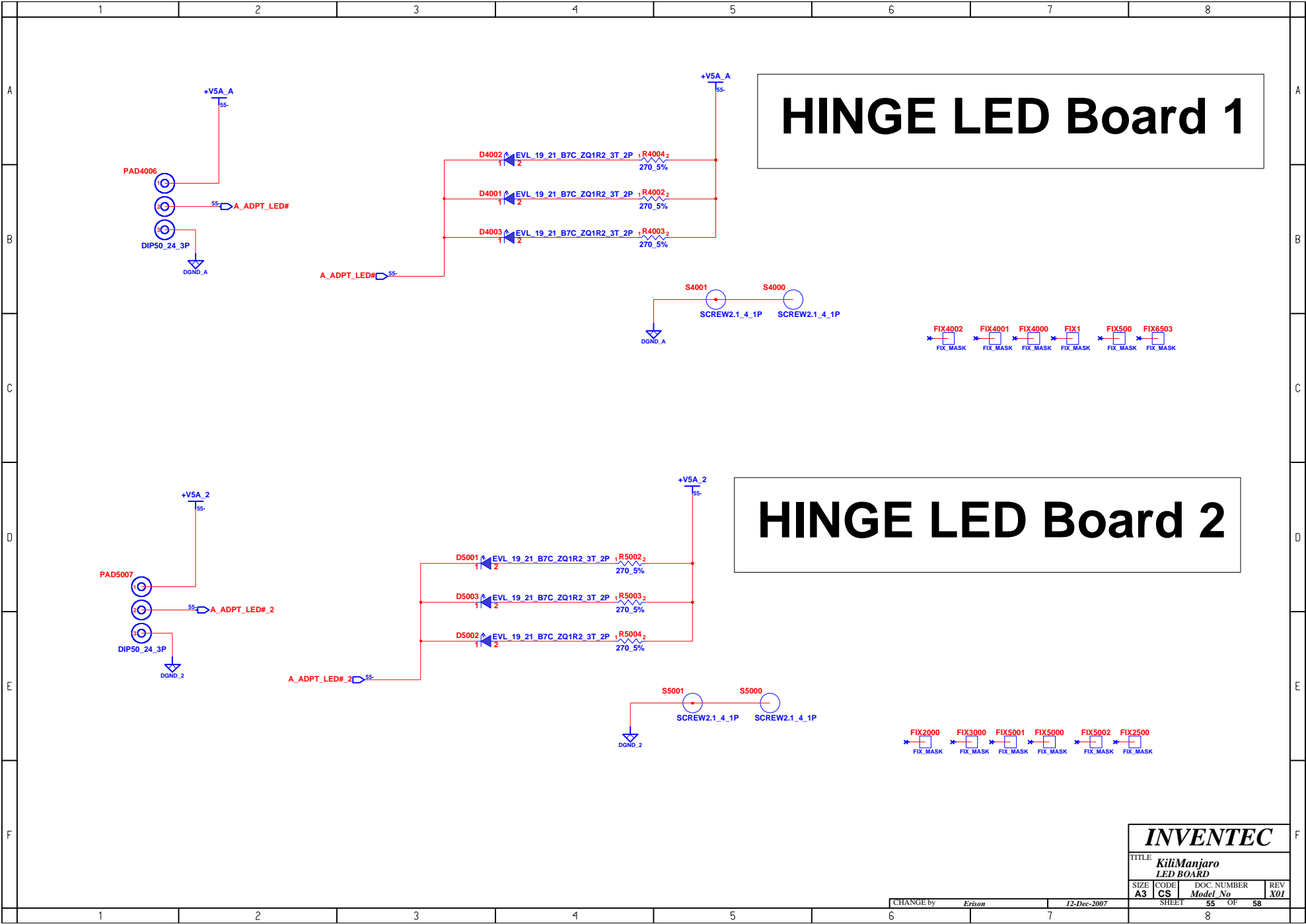
FIX1502 FIX6500 FIX1002 FIX1001 FIX1000 FIX1501
FIX_MASK FIX_MASK FIX_MASK FIX_MASK FIX_MASK FIX_MASK

S1000 S1001
SCREW2.8_6_8_1P SCREW2.8_6_8_1P DGND_TV

INVENTEC

TITLE KiliManjaro USB & TV BOARD			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
SHEET 54 OF 58			

CHANGE by Erison 25-Nov-2007



INVENTEC

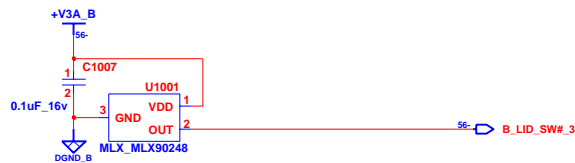
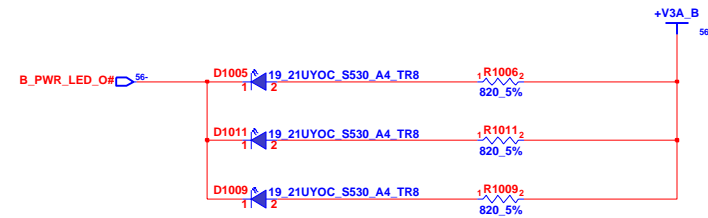
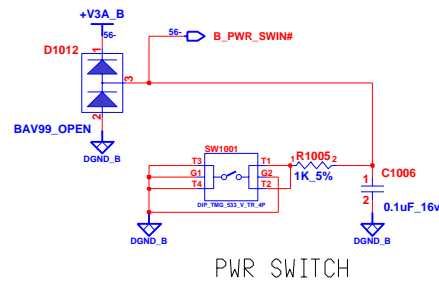
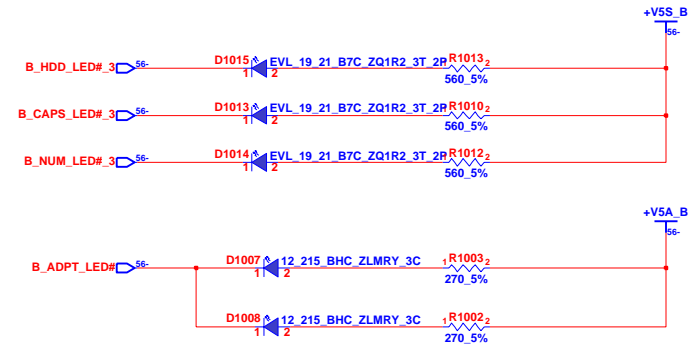
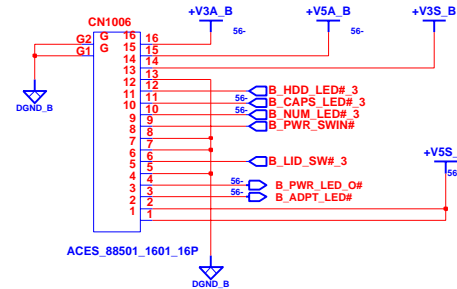
TITLE
**KiliManjaro
LED BOARD**

SIZE CODE DOC. NUMBER REV
A3 CS 55 Model No X01

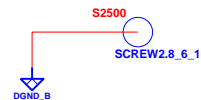
CHANGE by *Erison* 12-Dec-2007

SHEET 55 OF 58

PowerButton Board



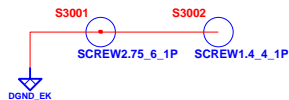
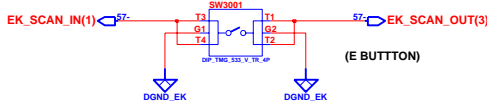
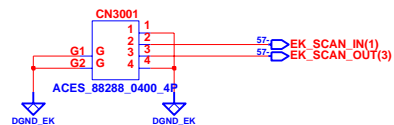
LID SWITCH



INVENTEC			
TITLE KiliManjaro PowerButton Board			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
SHEET 56 OF 58			

CHANGE by Erison 12-Nov-2007

E-KEY Board



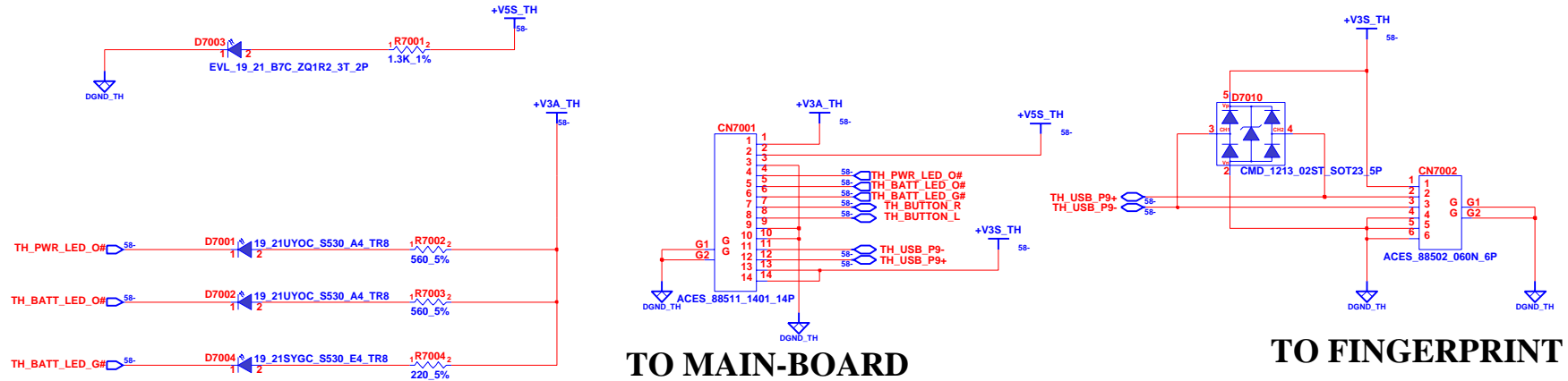
INVENTEC

TITLE			
KiliManjaro E-KEY BOARD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

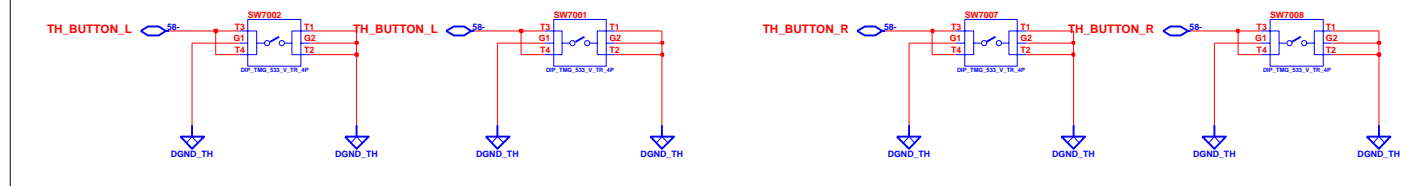
CHANGE by Erison 11-Jan-2008

SHEET 57 OF 58

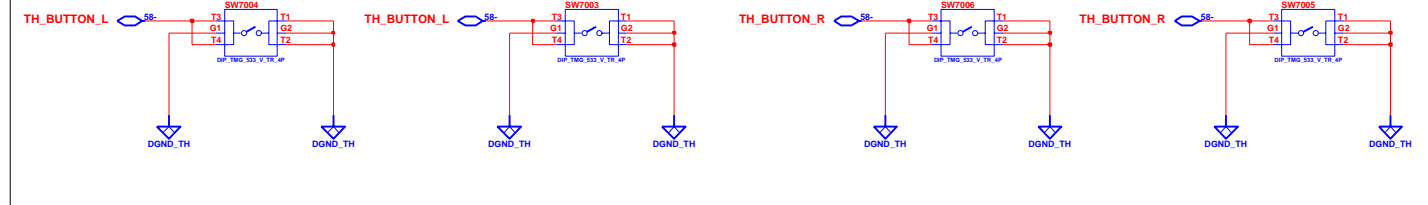
TouchButton Board



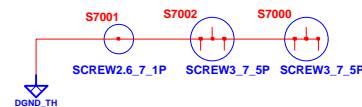
OPEN WHEN FINGER



OPEN WHEN NON-FINGER



TOUCHPAD BUTTON

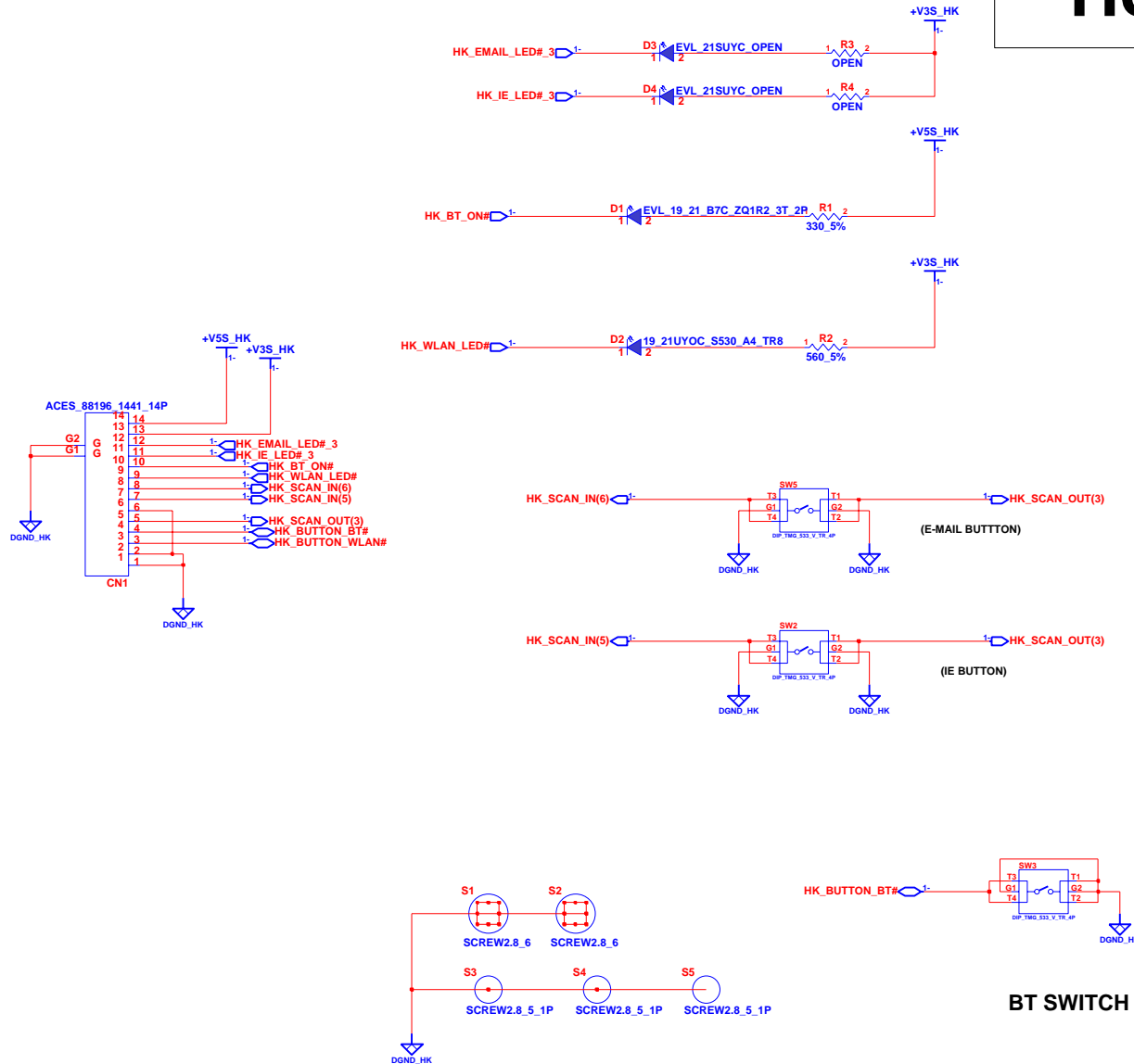


INVENTEC

TITLE KiliManjaro TOUCH BUTTON BOARD			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
SHEET 58 OF 58			

CHANGE by *Erison* 22-Oct-2007

Hotkey Board



BT SWITCH

WLAN SWITCH

INVENTEC

TITLE KiliManjaro Hotkey Board			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01



CHANGE by *Erison* 23-Oct-2007

SHEET 1 OF 1