

# KiliManjaro 2.0

(Montevina DDR3)

Pre-MV Build 2008.06.19

www.kyuthuatvithinh.com

DATE	CHANGE NO.	REV

DRAWER	EE	DATE	POWER	DATE	<b>INVENTEC</b>			
DESIGN					TITLE <b>KiliManjaro 2.0(Montevina)</b>			
CHECK								
RESPONSIBLE								
SIZE =	3			VER :	SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>1310A2207301-0-M</b>	REV <b>#02</b>
FILE NAME :	XXXX-XXXXXX-XX							
P/N	XXXXXXXXXXXX				SHEET 1 OF 58			

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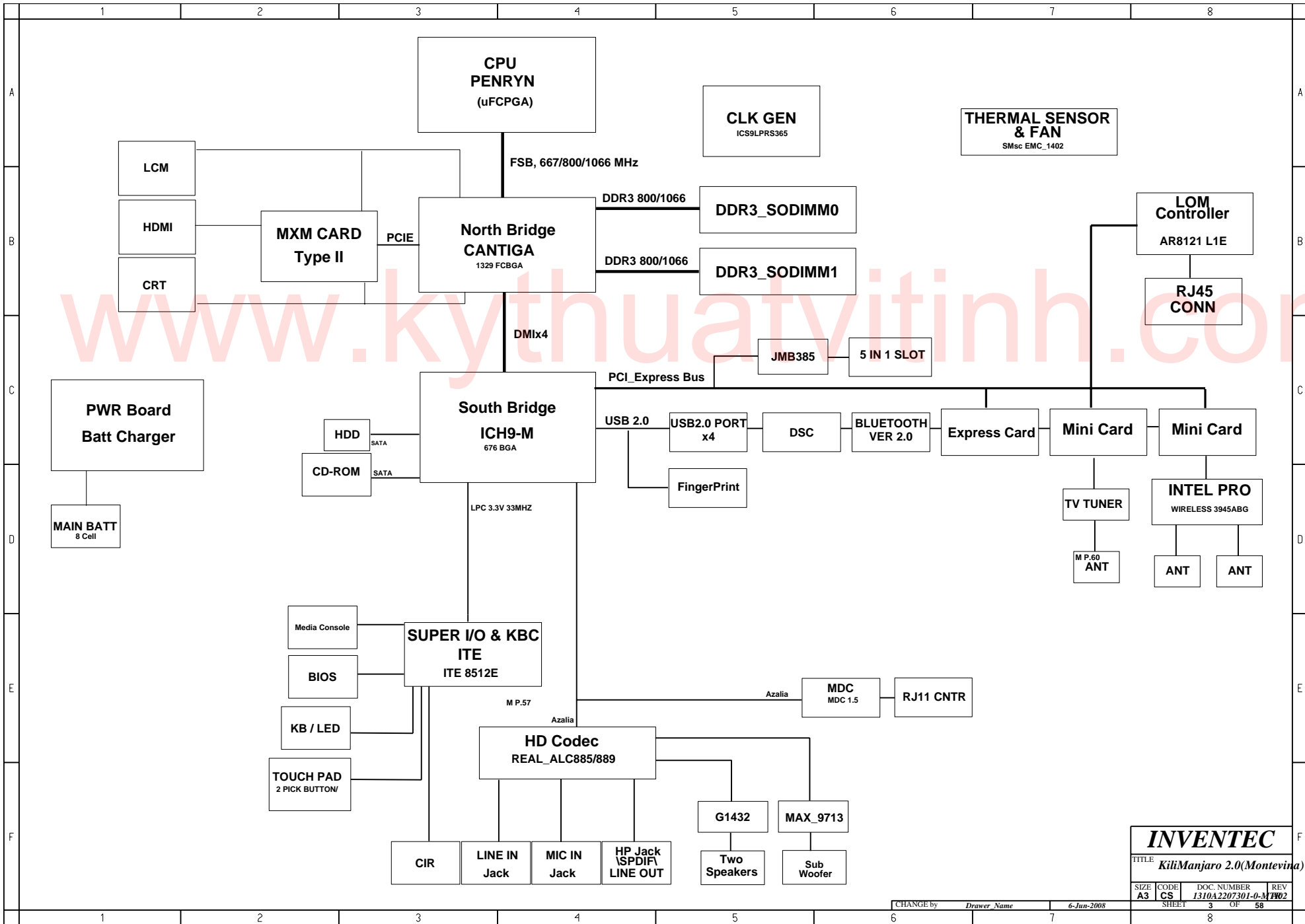
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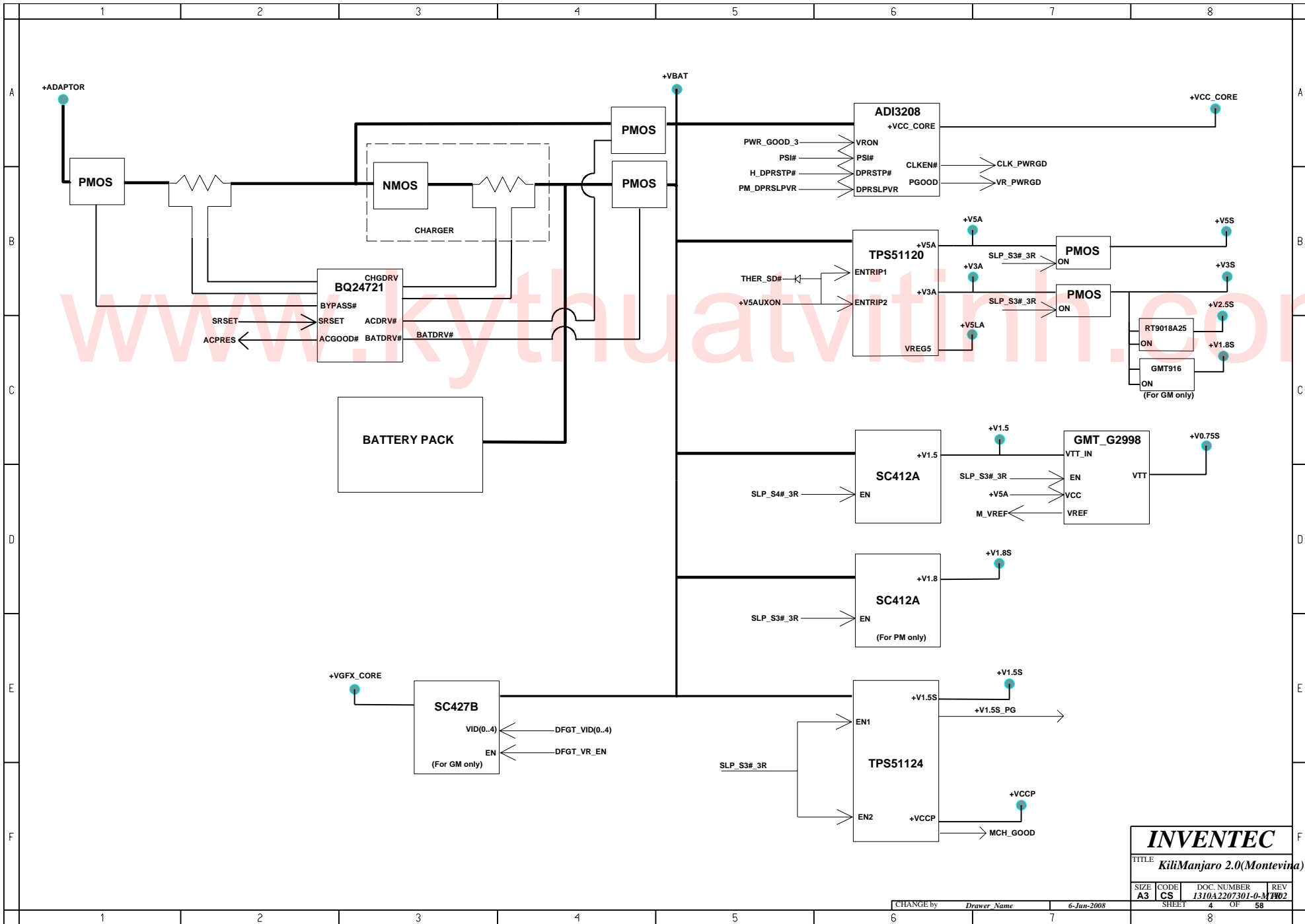
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**SMALL BOARD**

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- 55. PWR JACK LED BOARD
- 56. PWR BUTTON & LID BOARD
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- 58.TH-BUTTON BOARD
- 59.HOTKEY BOARD

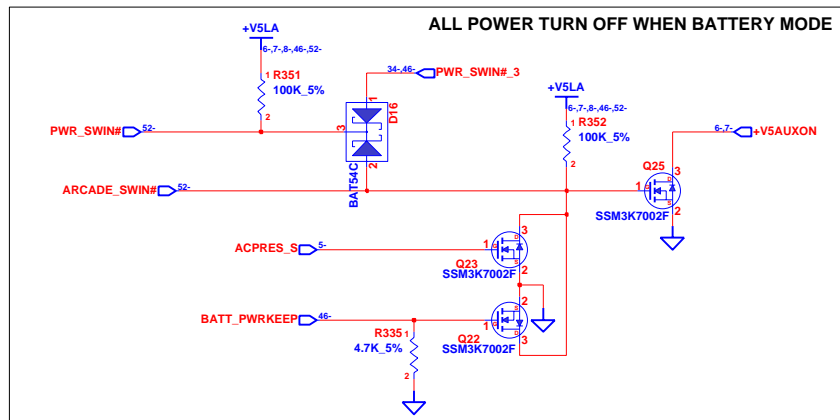
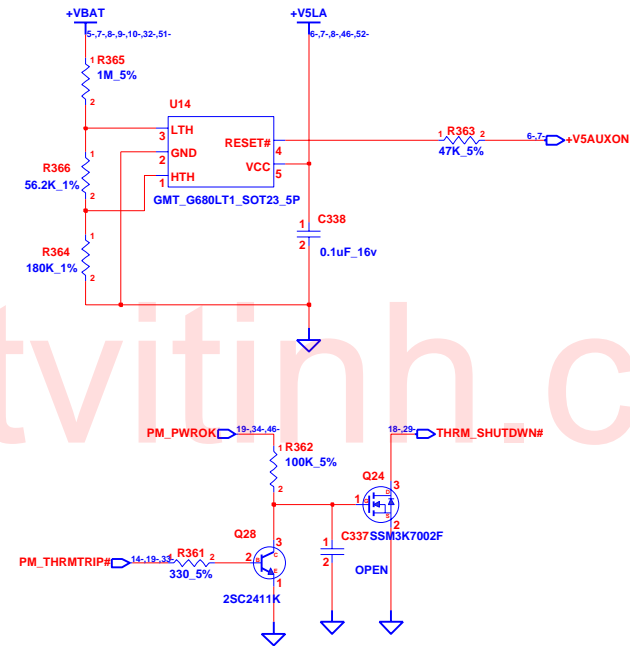
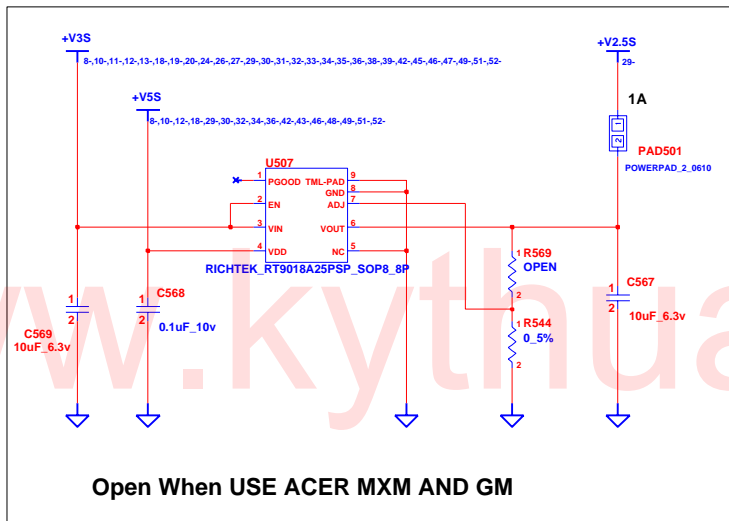
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TITLE <i>KiliManjaro 2.0(Montevina)</i>			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <i>1310A2207301-0-M</i>	REV <b>#02</b>
CHANGE by <i>Drawer Name</i>		6-Jun-2008	SHEET 2 OF 58



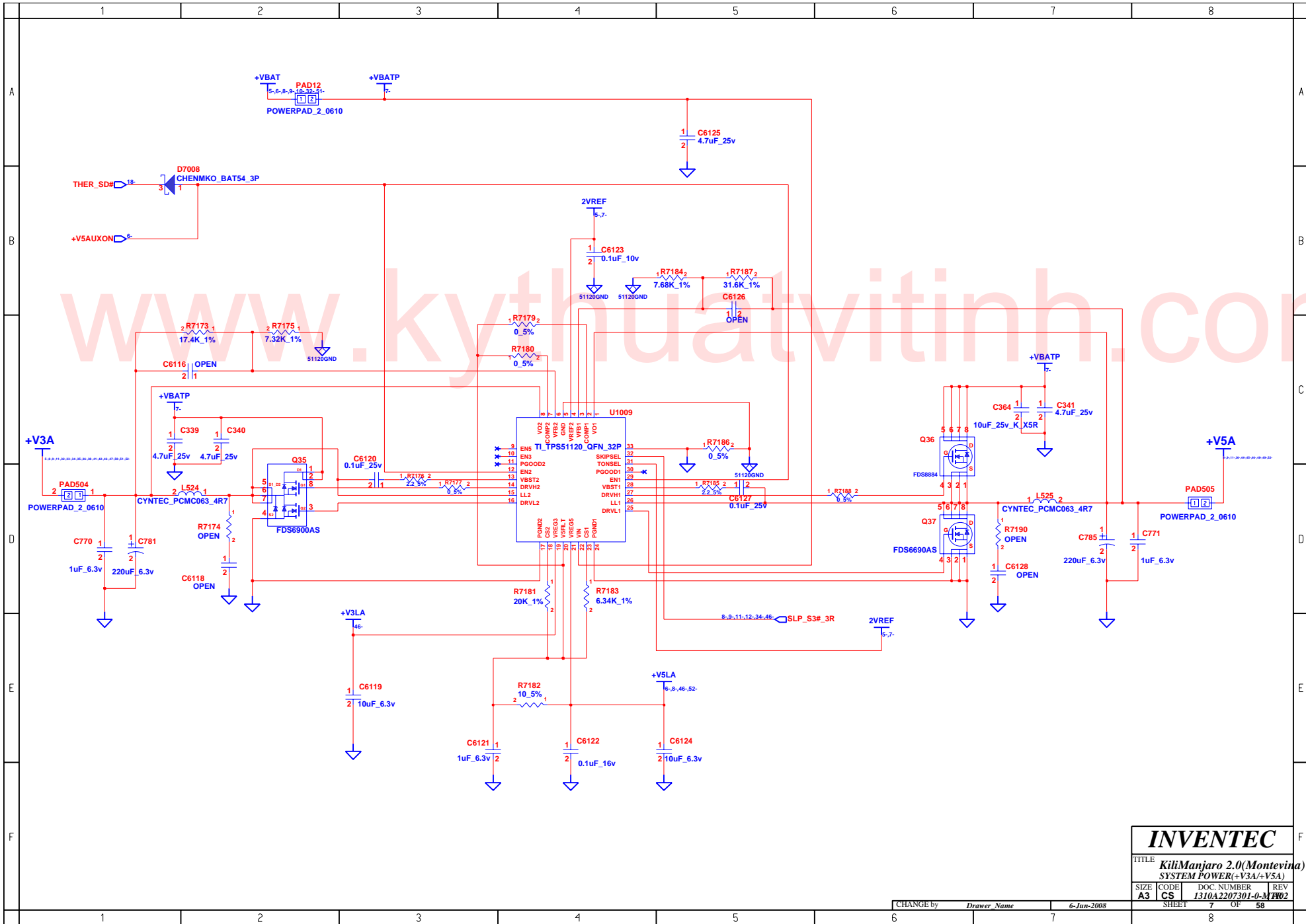


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TITLE <i>KiliManjaro 2.0(Montevina)</i>			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-3	02
CHANGE by <i>Drawer Name</i>		6-Jun-2008	SHEET 4 OF 58

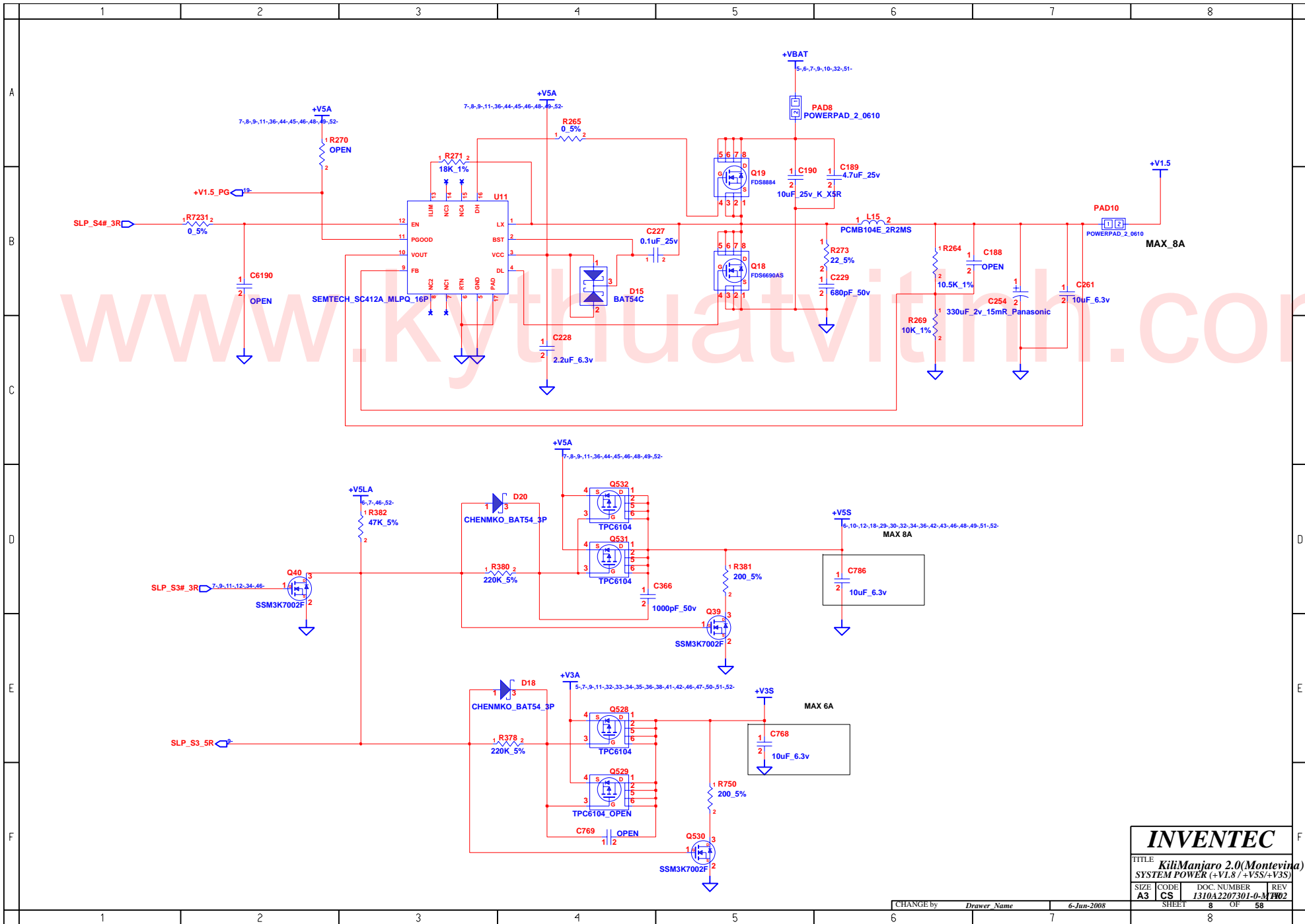




<b>INVENTEC</b>			
TITLE <b>KiliManjaro 2.0(Montevina)</b>			
+V2.5S / RESET			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC NUMBER <b>1310A2207301-0-3</b>	REV <b>R02</b>
CHANGE by <i>Drawer Name</i>		6-Jun-2008	
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<b>INVENTEC</b>			
TITLE <i>KiliManjaro 2.0(Montevina)</i> SYSTEM POWER(+V3A/+V5A)			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC NUMBER <b>1310A2207301-0-M</b>	REV <b>#02</b>
CHANGE by <i>Drawer Name</i>		6-Jun-2008	SHEET 7 OF 58

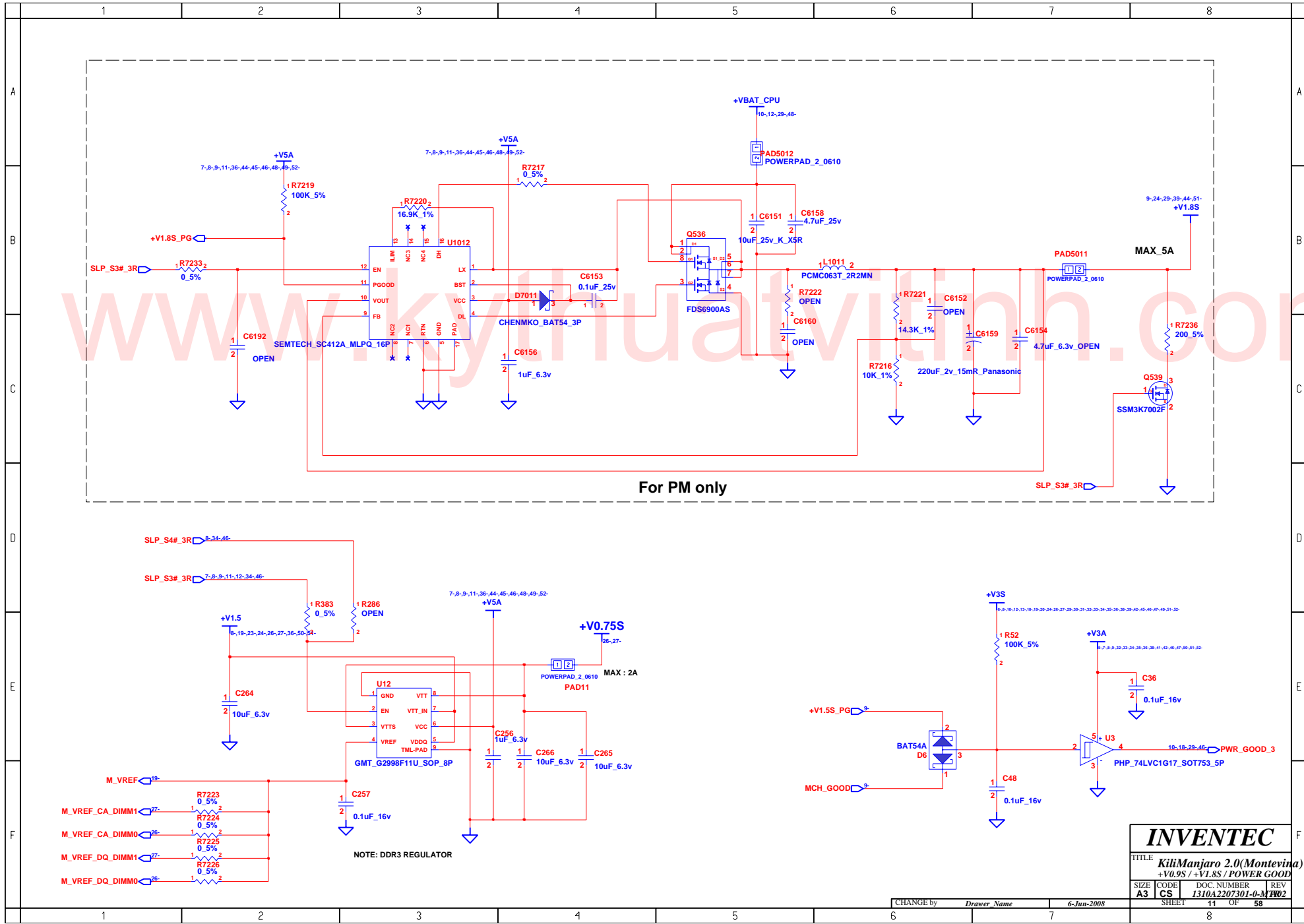


<b>INVENTEC</b>			
TITLE <b>KiliManjaro 2.0(Montevina)</b>			
SYSTEM POWER (+V1.8 / +VSS/+V3S)			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC NUMBER <b>1310A2207301-0-M</b>	REV <b>#02</b>
CHANGE by <i>Drawer Name</i>		6-Jun-2008	SHEET 8 OF 58

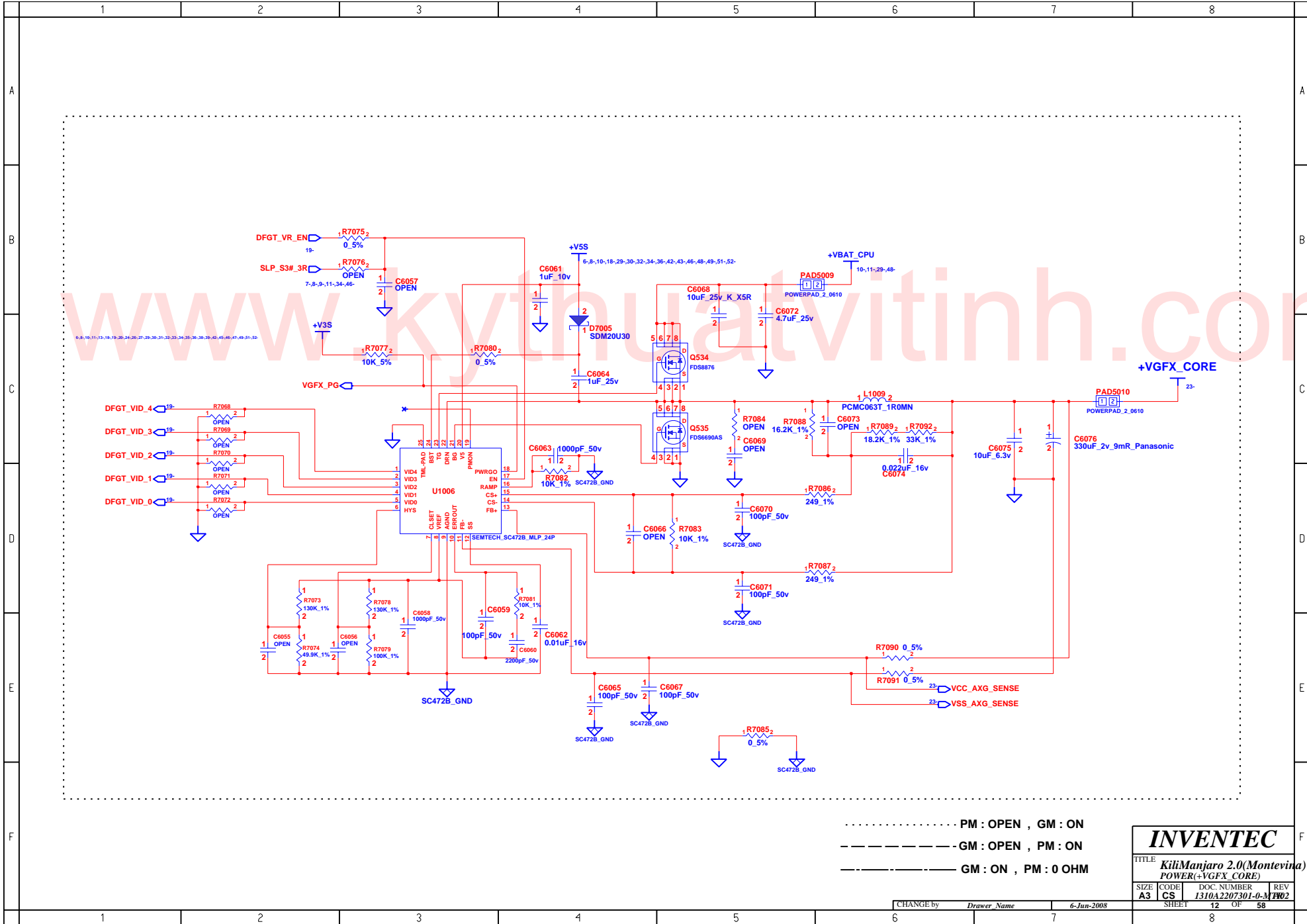






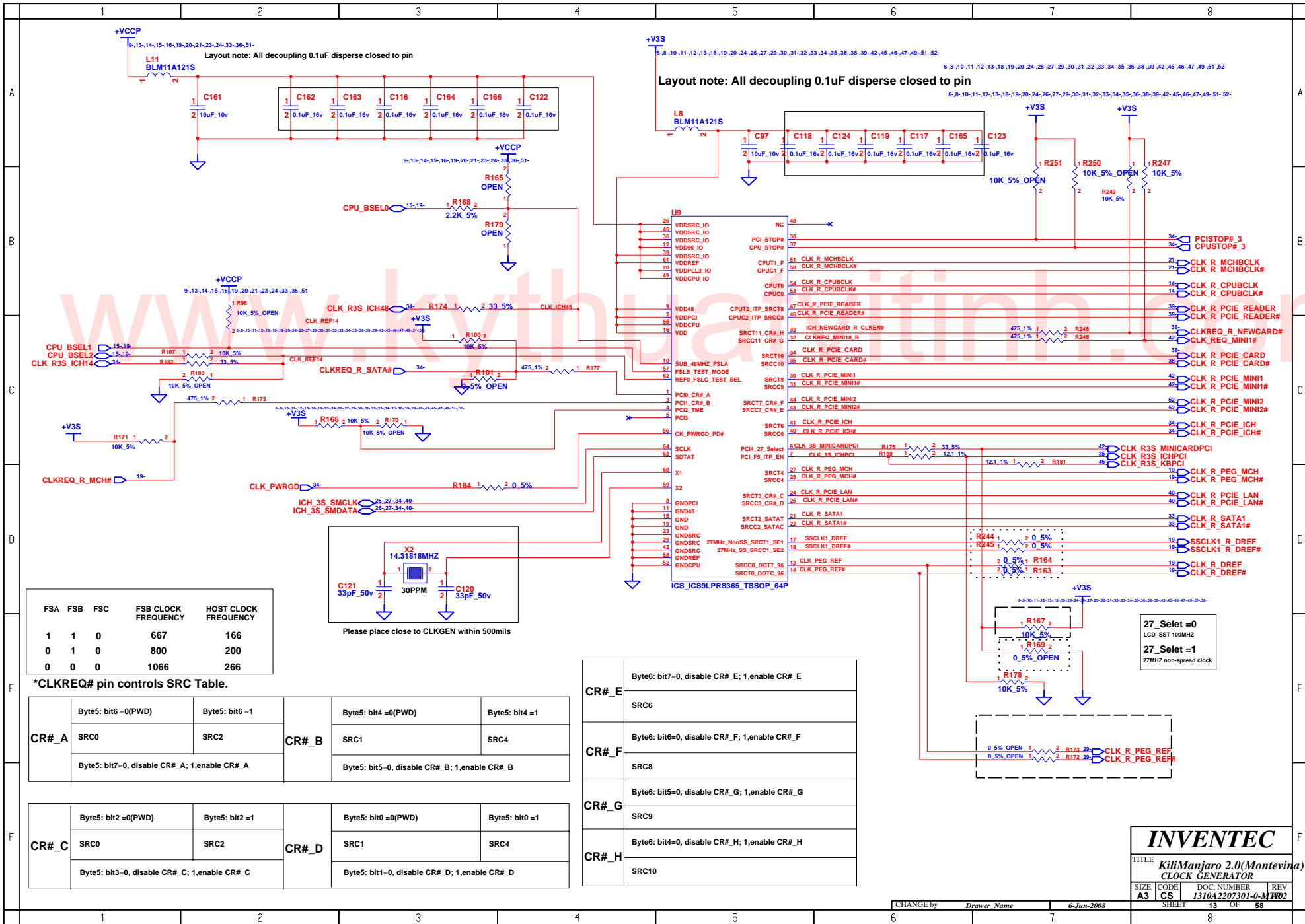


<b>INVENTEC</b>			
TITLE: KiliManjaro 2.0(Montevina)			
+V0.9S / +V1.8S / POWER GOOD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	I310A2207301-0-3	#02
CHANGE by		Drawer Name	6-Jun-2008
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..... PM : OPEN , GM : ON  
 - - - - - GM : OPEN , PM : ON  
 \_\_\_\_\_ GM : ON , PM : 0 OHM

<b>INVENTEC</b>			
TITLE KiliManjaro 2.0(Montevina) POWER(+VGFX_CORE)			
SIZE A3	CODE CS	DOC. NUMBER 1310A2207301-0-M	REV #02
CHANGE by Drawer Name		6-Jun-2008	SHEET 12 OF 58



FSA	FSB	FSC	FSB CLOCK FREQUENCY	HOST CLOCK FREQUENCY
1	1	0	667	166
0	1	0	800	200
0	0	0	1066	266

\*CLKREQ# pin controls SRC Table.

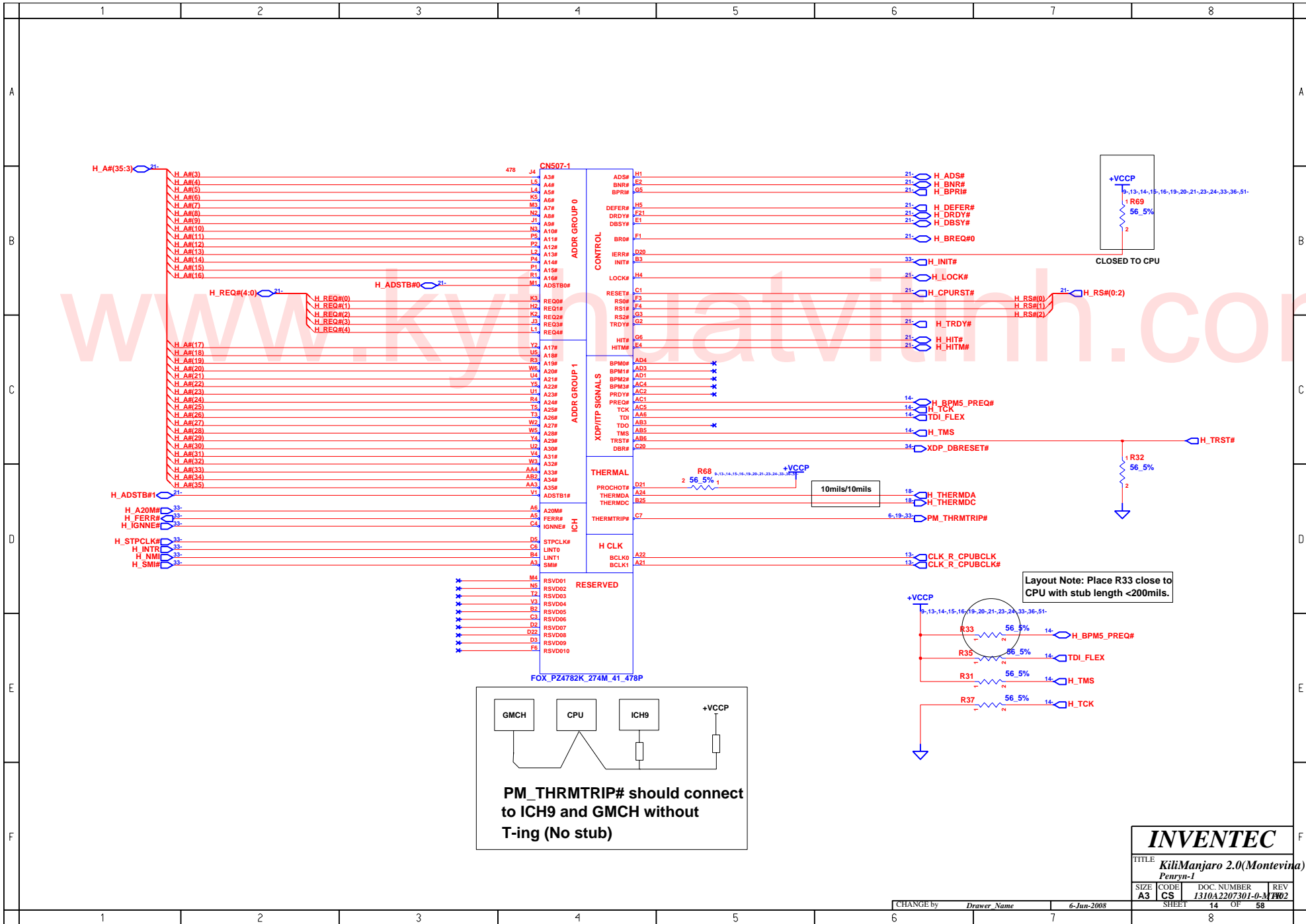
CR#_A	Byte5: bit6 =0(PWD)		Byte5: bit6 =1		CR#_B	Byte5: bit4 =0(PWD)		Byte5: bit4 =1	
	SRC0	SRC2	SRC1	SRC4					
Byte5: bit7=0, disable CR#_A; 1,enable CR#_A					Byte5: bit5=0, disable CR#_B; 1,enable CR#_B				

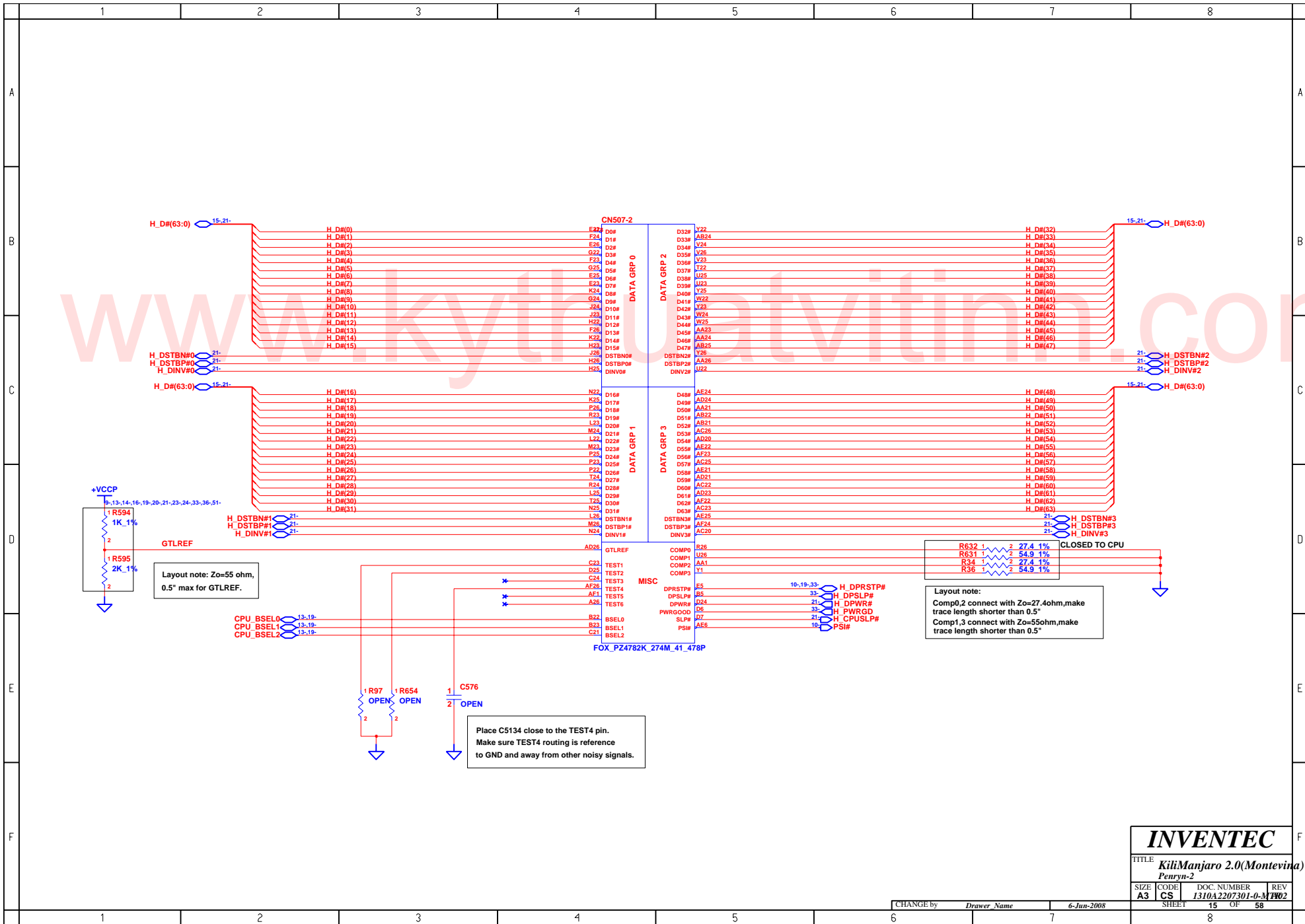
CR#_C	Byte5: bit2 =0(PWD)		Byte5: bit2 =1		CR#_D	Byte5: bit0 =0(PWD)		Byte5: bit0 =1	
	SRC0	SRC2	SRC1	SRC4					
Byte5: bit3=0, disable CR#_C; 1,enable CR#_C					Byte5: bit1=0, disable CR#_D; 1,enable CR#_D				

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	

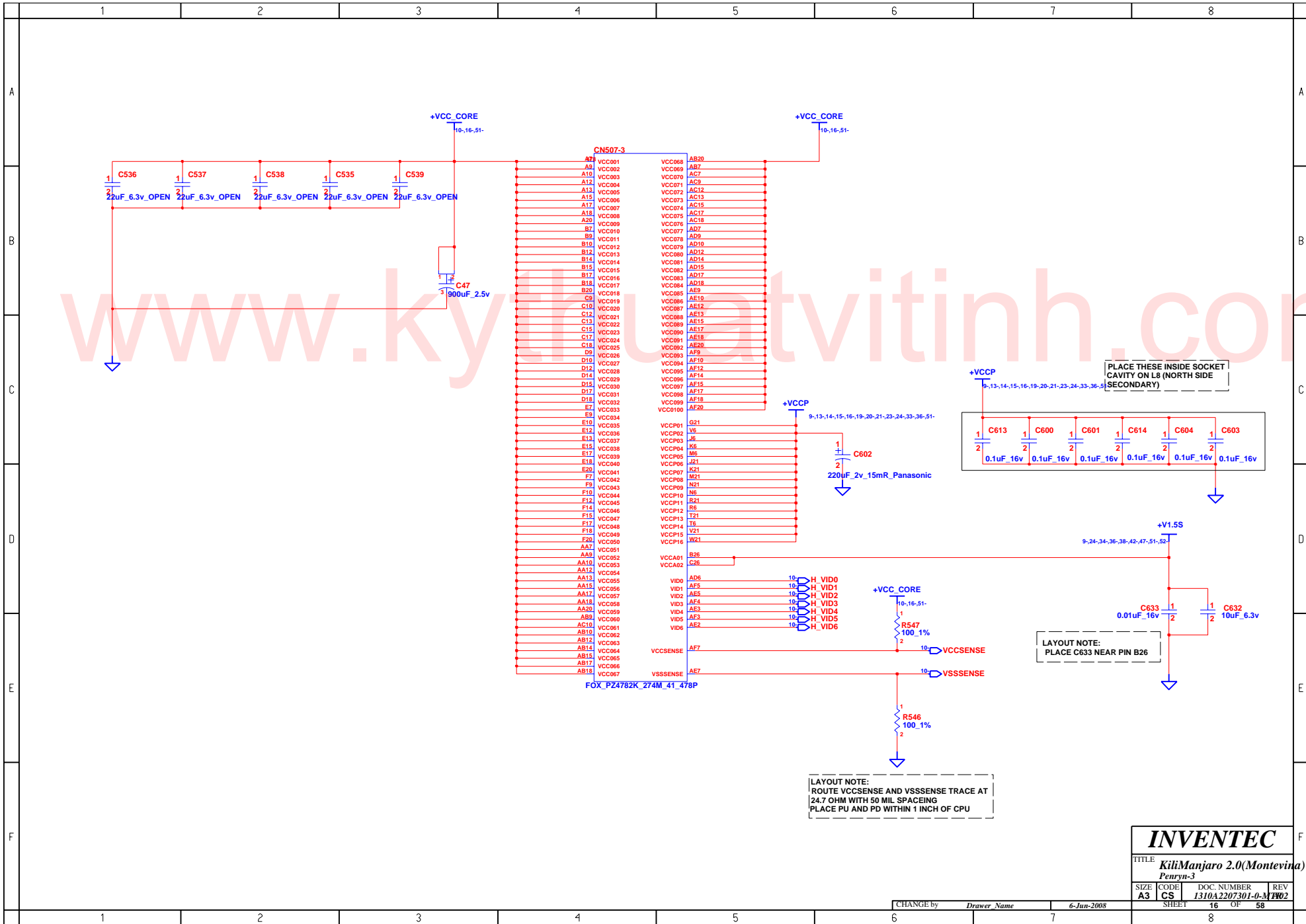
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 TITLE: KiliManjaro 2.0(Montevina)  
 CLOCK GENERATOR  
 SIZE CODE CS DOC NUMBER REV  
 A3 CS 1310A2207301-0-31 #02  
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<b>INVENTEC</b>			
TITLE KiliManjaro 2.0(Montevina) Penryn-1			
SIZE A3	CODE CS	DOC. NUMBER 1310A2207301-0-1	REV #02
CHANGE by Drawer Name		6-Jun-2008	SHEET 14 OF 58



<b>INVENTEC</b>			
TITLE <b>KiliManjaro 2.0(Montevina)</b>			
Penryn-2			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>1310A2207301-0-1</b>	REV <b>#02</b>
CHANGE by <i>Drawer Name</i>		6-Jun-2008	SHEET 15 OF 58

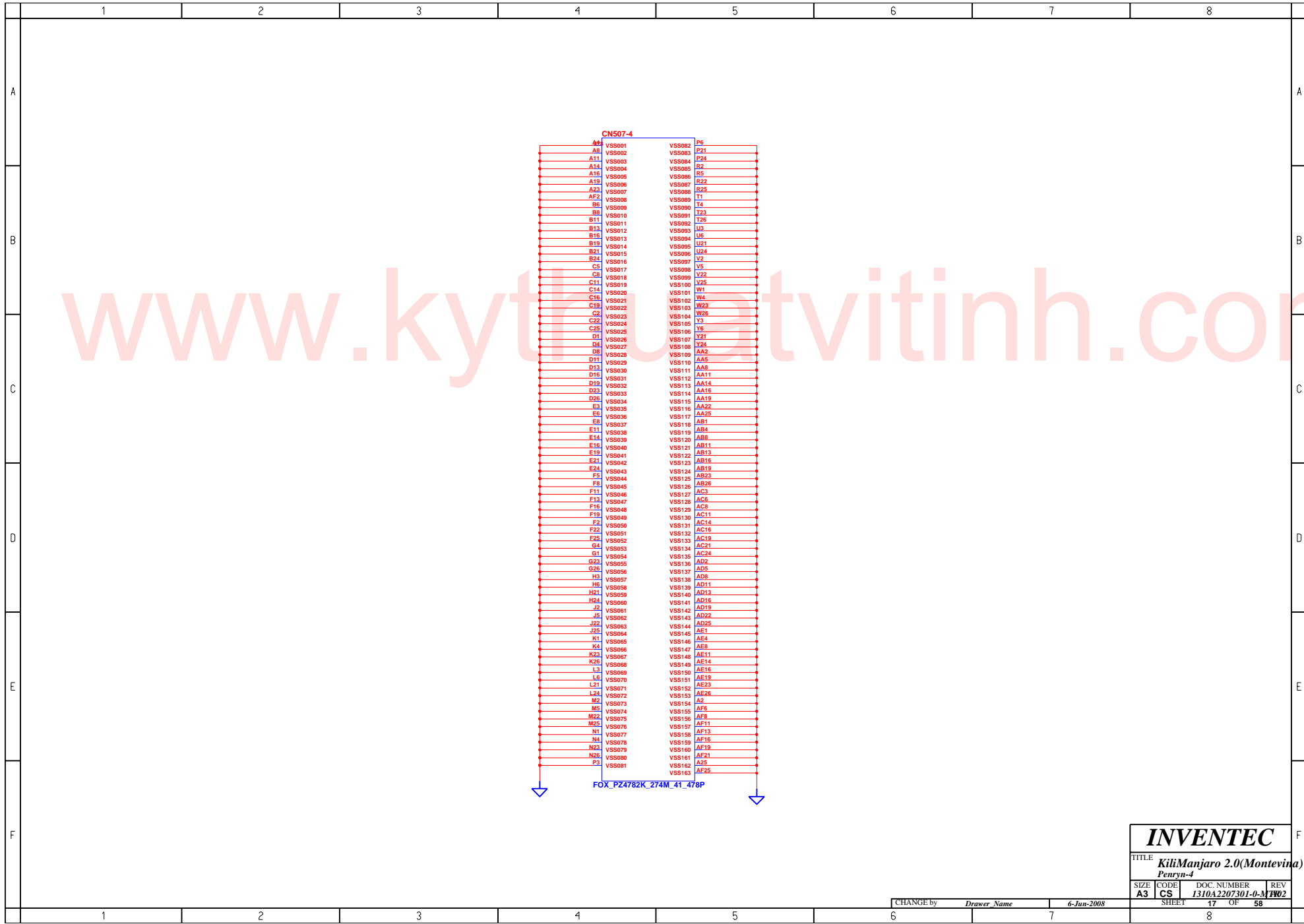


LAYOUT NOTE:  
 ROUTE VCCSENSE AND VSSSENSE TRACE AT  
 24.7 OHM WITH 50 MIL SPACING  
 PLACE PU AND PD WITHIN 1 INCH OF CPU

LAYOUT NOTE:  
 PLACE C633 NEAR PIN B26

PLACE THESE INSIDE SOCKET  
 CAVITY ON L8 (NORTH SIDE  
 SECONDARY)



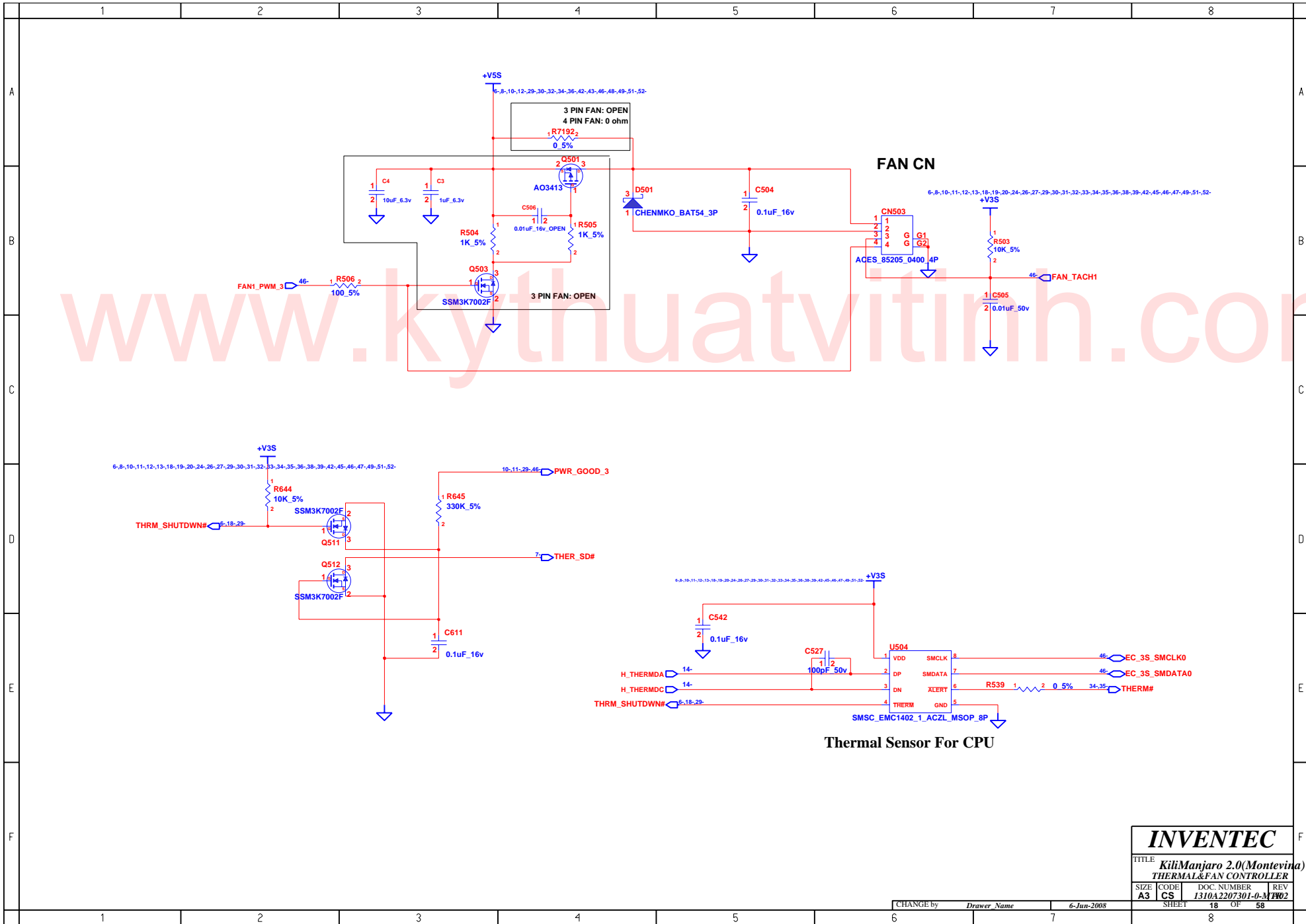


**INVENTEC**  
 TITLE *KiliManjaro 2.0(Montevina)*  
*Penryn-4*

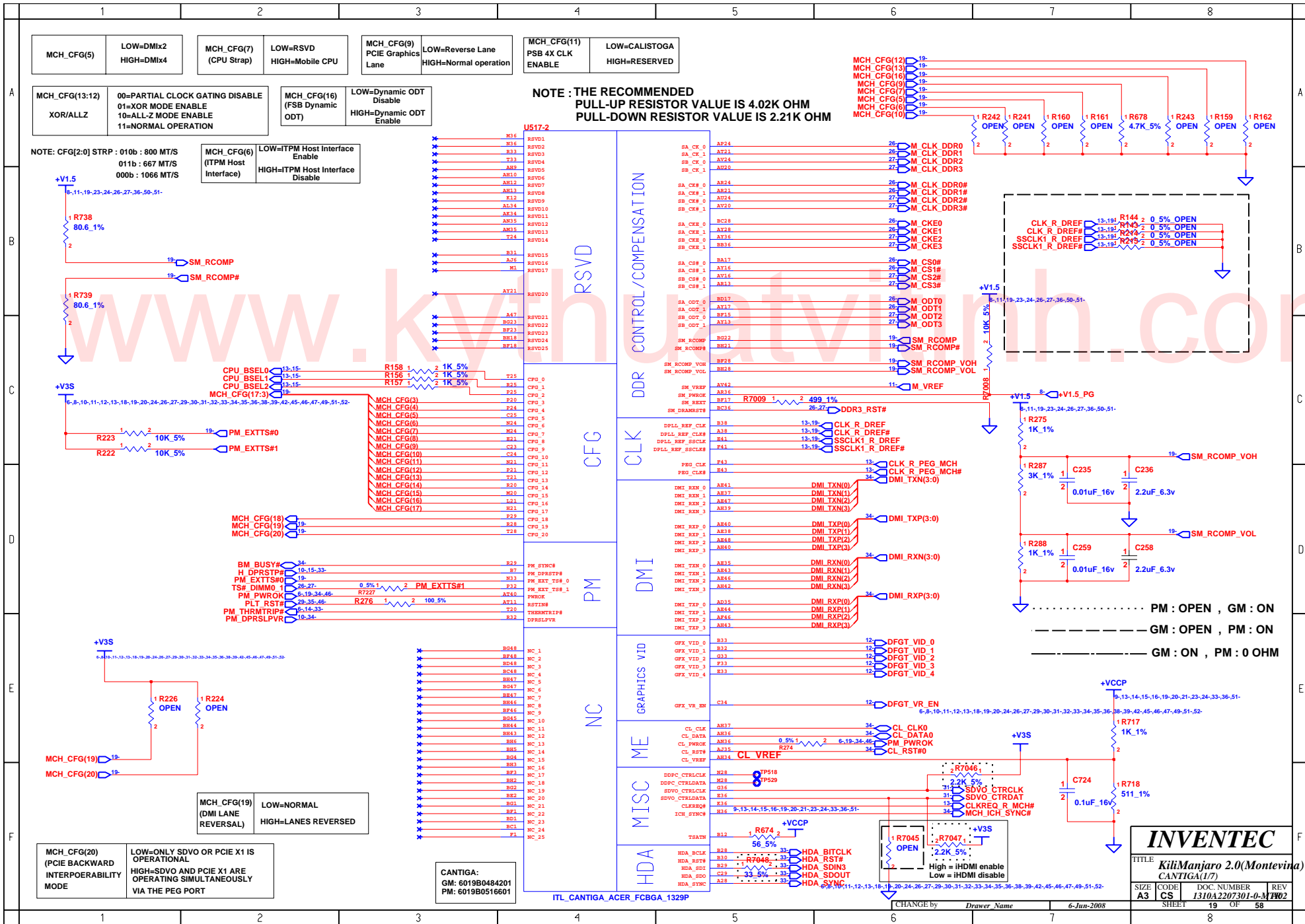
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A3	CS	1310A2207301-0-M	#02

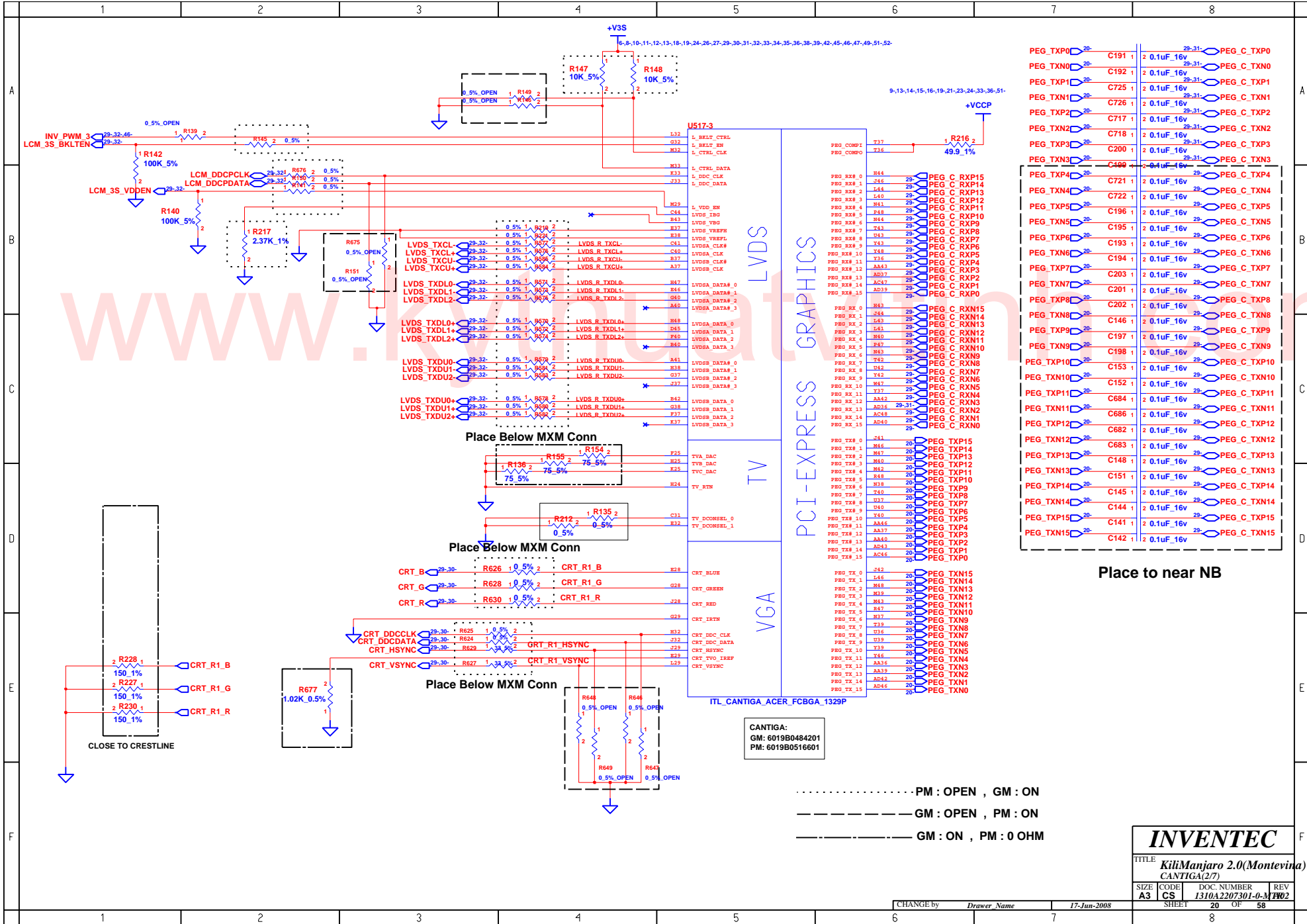
CHANGE by *Drawer Name* 6-Jun-2008

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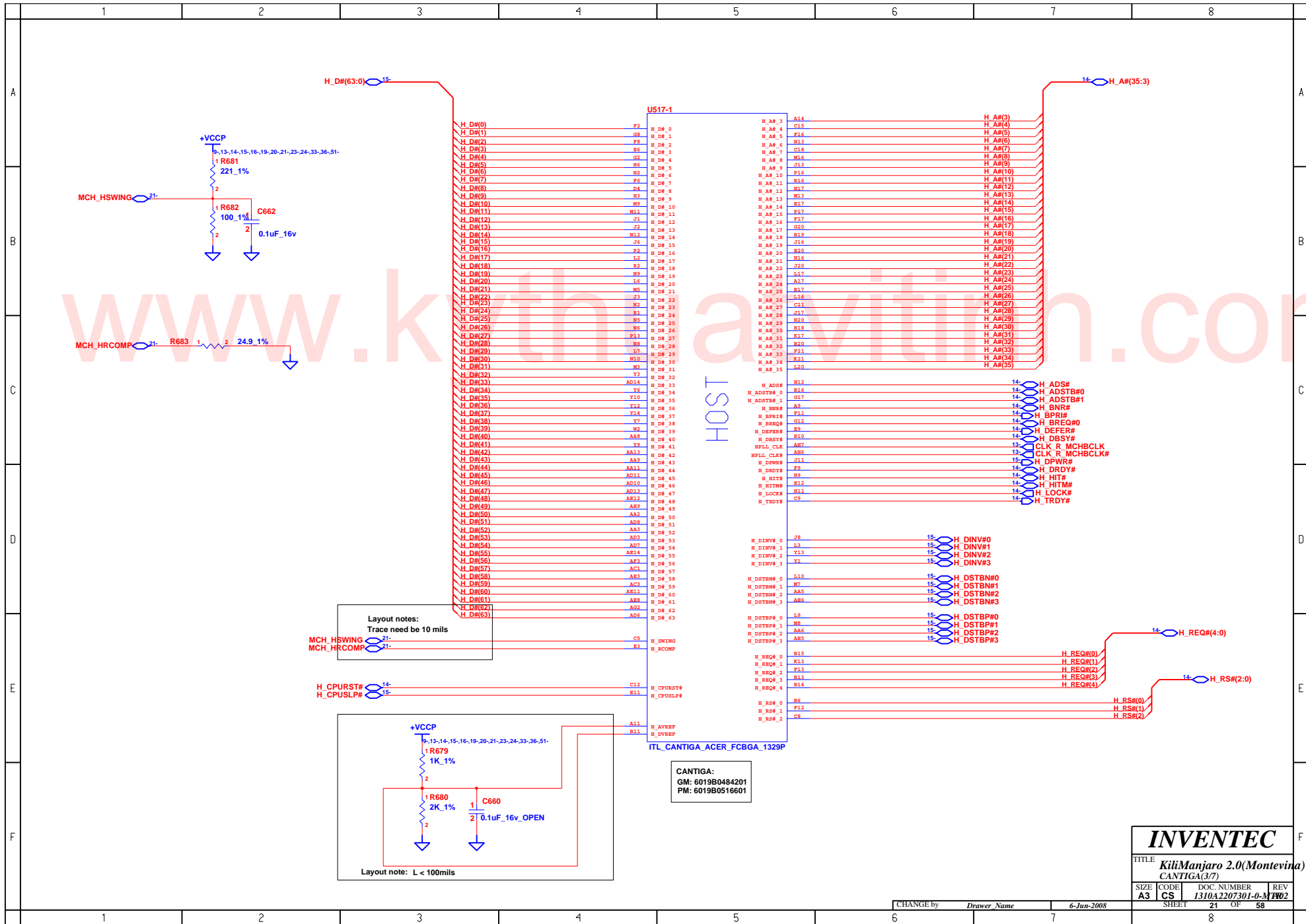


<b>INVENTEC</b>			
TITLE <i>KiliManjaro 2.0(Montevina)</i>			
THERMAL&FAN CONTROLLER			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC NUMBER <b>1310A2207301-0-3</b>	REV <b>#02</b>
CHANGE by <i>Drawer Name</i>		6-Jun-2008	
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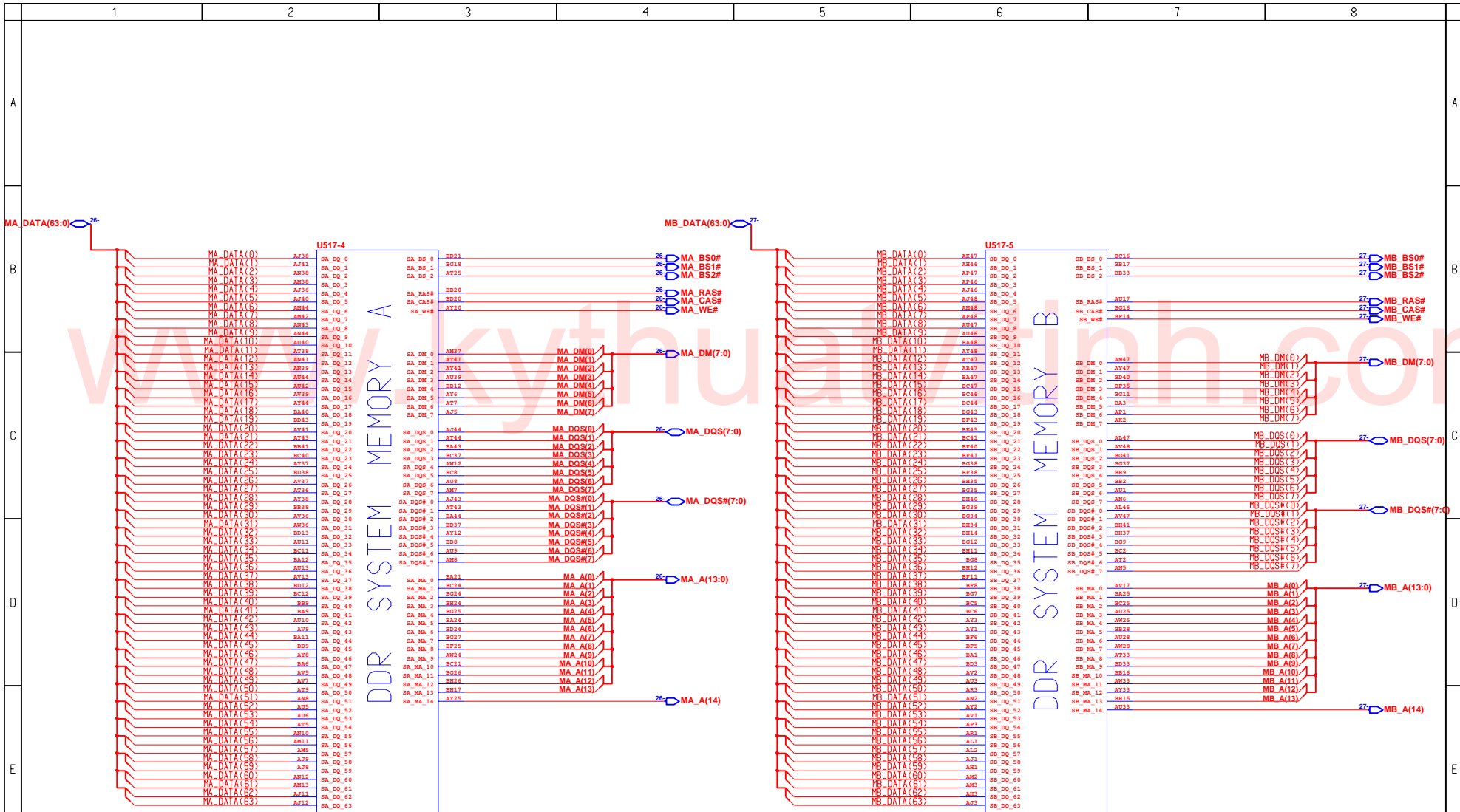


**INVENTEC**  
 TITLE: KiliManjaro 2.0(Montevina)  
 CANTIGA(2/7)  
 SIZE: A3 CODE: CS DOC. NUMBER: 1310A2207301-0-31 REV: #02  
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**INVENTEC**  
 TITLE: KiliManjaro 2.0(Montevina)  
 CANTIGA(3/7)  
 SIZE CODE DOC NUMBER REV  
 A3 CS 1310A2207301-0-M #02  
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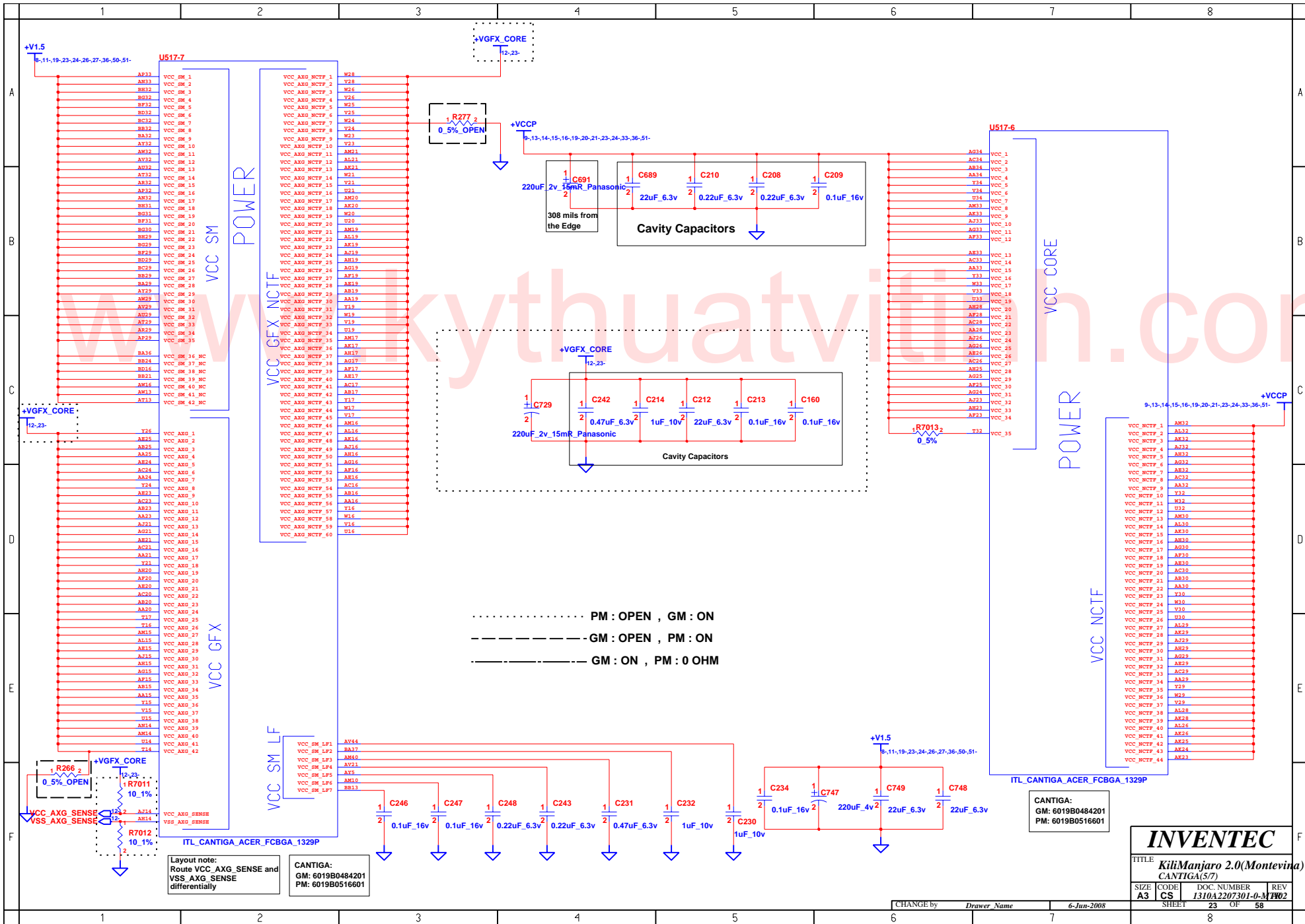
CANTIGA:  
 GM: 6019B0484201  
 PM: 6019B0516601



CANTIGA:  
GM: 6019B0484201  
PM: 6019B0516601

CANTIGA:  
GM: 6019B0484201  
PM: 6019B0516601

<b>INVENTEC</b>			
TITLE KiliManjaro 2.0(Montevina) CANTIGA(47)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-3	1002
CHANGE by		Drawer Name	6-Jun-2008
		SHEET	22 OF 58



..... PM : OPEN , GM : ON  
 - - - - - GM : OPEN , PM : ON  
 \_\_\_\_\_ GM : ON , PM : 0 OHM

**Layout note:**  
 Route VCC\_AXG\_SENSE and  
 VSS\_AXG\_SENSE  
 differentially

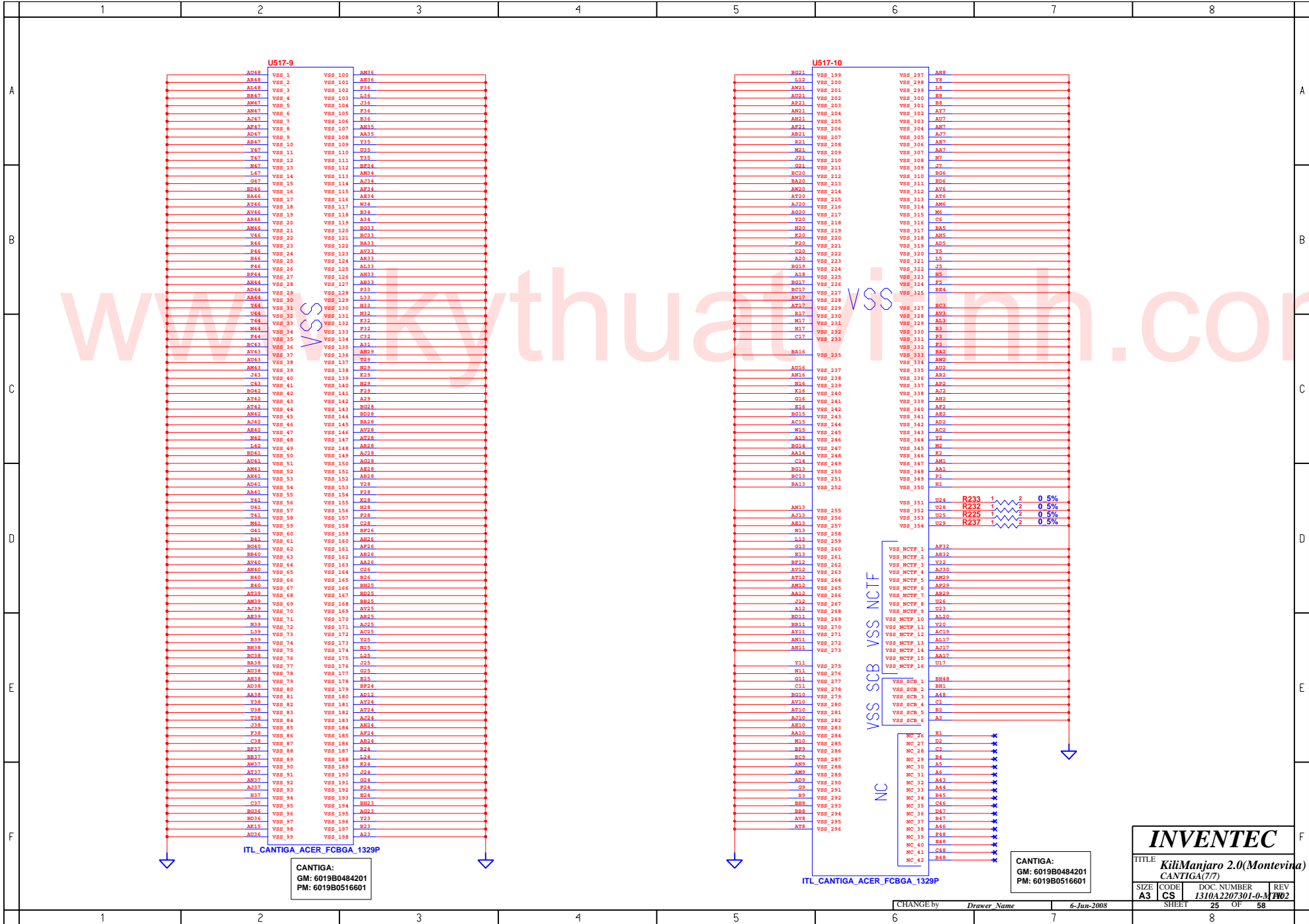
**CANTIGA:**  
 GM: 6019B0484201  
 PM: 6019B0516601

**CANTIGA:**  
 GM: 6019B0484201  
 PM: 6019B0516601

<b>INVENTEC</b>			
TITLE KiliManjaro 2.0(Montevina) CANTIGA(5/7)			
SIZE A3	CODE CS	DOC NUMBER I310A2207301-0-M	REV #02
CHANGE by Drawer Name		6-Jun-2008	
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U517-9

AK41	V88_1	AM16	V88_100
AK48	V88_2	AB16	V88_101
AL49	V88_3	P16	V88_102
BB47	V88_4	L16	V88_103
AM17	V88_5	J16	V88_104
AM47	V88_6	F16	V88_105
AJ47	V88_7	B16	V88_106
AK47	V88_8	AM16	V88_107
AD47	V88_9	AA15	V88_108
AB47	V88_10	Y15	V88_109
V47	V88_11	D15	V88_110
T47	V88_12	T15	V88_111
K47	V88_13	BP14	V88_112
L47	V88_14	AM14	V88_113
Q47	V88_15	AJ14	V88_114
BD46	V88_16	V88_115	AM14
BA46	V88_17	V88_116	AM14
AY46	V88_18	V88_117	M14
AV46	V88_19	V88_118	B14
AK46	V88_20	V88_119	A14
AM46	V88_21	V88_120	BP11
V46	V88_22	V88_121	BC11
R46	V88_23	V88_122	BA11
P46	V88_24	V88_123	AP11
H46	V88_25	V88_124	AM11
F46	V88_26	V88_125	AL11
BP44	V88_27	V88_126	AM11
BA44	V88_28	V88_127	AM11
AD44	V88_29	V88_128	P11
AA44	V88_30	V88_129	L11
T44	V88_31	V88_130	H11
Q44	V88_32	V88_131	N11
K44	V88_33	V88_132	K11
M44	V88_34	V88_133	P11
P44	V88_35	V88_134	C11
BC41	V88_36	V88_135	A11
AV41	V88_37	V88_136	AM11
AD41	V88_38	V88_137	T11
AM41	V88_39	V88_138	H11
V41	V88_40	V88_139	K11
C41	V88_41	V88_140	H11
BD42	V88_42	V88_141	F11
AV42	V88_43	V88_142	A11
AT42	V88_44	V88_143	BP11
AM42	V88_45	V88_144	BD11
AK42	V88_46	V88_145	BA11
AM42	V88_47	V88_146	AP11
H42	V88_48	V88_147	AT11
L42	V88_49	V88_148	AB11
BD41	V88_50	V88_149	AP11
AV41	V88_51	V88_150	CA11
AM41	V88_52	V88_151	AB11
AM41	V88_53	V88_152	AB11
AM41	V88_54	V88_153	T11
AA41	V88_55	V88_154	F11
V41	V88_56	V88_155	K11
D41	V88_57	V88_156	H11
T41	V88_58	V88_157	F11
M41	V88_59	V88_158	C11
Q41	V88_60	V88_159	BP11
BA41	V88_61	V88_160	AM11
BD40	V88_62	V88_161	AT11
BD40	V88_63	V88_162	AB11
AV40	V88_64	V88_163	AA11
AM40	V88_65	V88_164	C11
BA10	V88_66	V88_165	B11
BA10	V88_67	V88_166	BP11
AT10	V88_68	V88_167	BD11
AM10	V88_69	V88_168	BA11
AD10	V88_70	V88_169	AP11
AM10	V88_71	V88_170	AB11
B10	V88_72	V88_171	AJ11
B10	V88_73	V88_172	AC11
B10	V88_74	V88_173	Y11
B10	V88_75	V88_174	N11
BC10	V88_76	V88_175	L11
BA10	V88_77	V88_176	J11
AJ10	V88_78	V88_177	Q11
AM10	V88_79	V88_178	E11
AD10	V88_80	V88_179	BP11
AM10	V88_81	V88_180	AM11
V10	V88_82	V88_181	AT11
V10	V88_83	V88_182	AT11
V10	V88_84	V88_183	AT11
V10	V88_85	V88_184	AM11
F10	V88_86	V88_185	AM11
C10	V88_87	V88_186	AB11
BP10	V88_88	V88_187	R11
AM10	V88_89	V88_188	K11
AM10	V88_90	V88_189	K11
AT10	V88_91	V88_190	J11
AM10	V88_92	V88_191	Q11
AD10	V88_93	V88_192	F11
H10	V88_94	V88_193	E11
C10	V88_95	V88_194	BP11
BD10	V88_96	V88_195	AM11
BD10	V88_97	V88_196	Y11
AK10	V88_98	V88_197	B11
AD10	V88_99	V88_198	A11

ITL\_CANTIGA\_ACER\_FCBGA\_1329P

CANTIGA:  
GM: 6019B0484201  
PM: 6019B0516601

U517-10

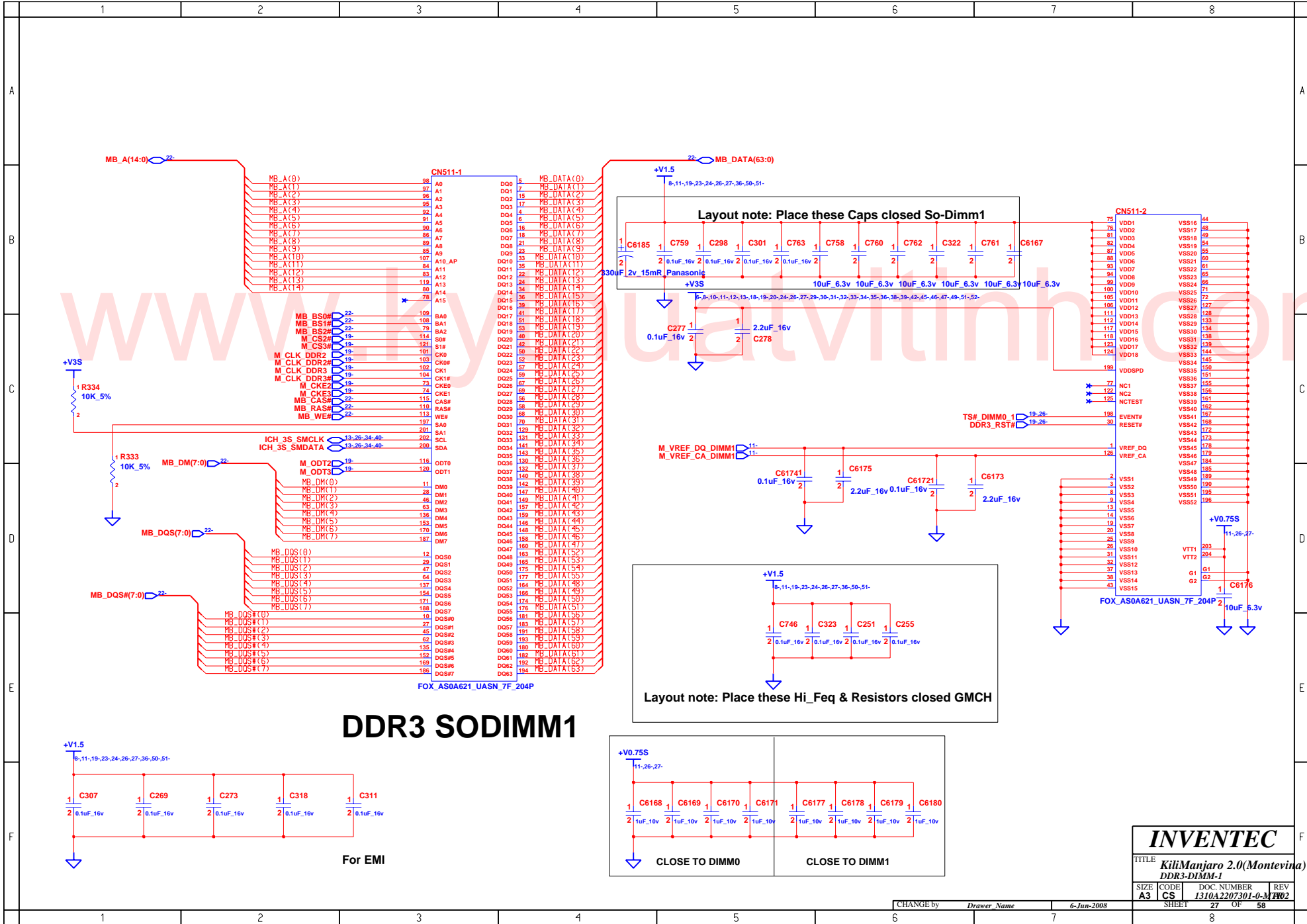
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L12	V88_200	V88_298	V8
AM21	V88_201	V88_299	V8
AM21	V88_202	V88_300	V8
AM21	V88_203	V88_301	V8
AM21	V88_204	V88_302	AY7
AM21	V88_205	V88_303	AY7
AK11	V88_206	V88_304	AM7
AM21	V88_207	V88_305	AM7
E21	V88_208	V88_306	AB7
M21	V88_209	V88_307	AA7
J21	V88_210	V88_308	AY7
Q21	V88_211	V88_309	AY7
BC20	V88_212	V88_310	BD6
BA20	V88_213	V88_311	BD6
AM20	V88_214	V88_312	AV6
AT20	V88_215	V88_313	AT6
AJ20	V88_216	V88_314	AM6
AG20	V88_217	V88_315	M6
Y20	V88_218	V88_316	C6
N20	V88_219	V88_317	BA5
K20	V88_220	V88_318	AB5
F20	V88_221	V88_319	AB5
C20	V88_222	V88_320	V5
A20	V88_223	V88_321	V5
BP19	V88_224	V88_322	V5
AM19	V88_225	V88_323	BB5
BP17	V88_226	V88_324	V5
BC17	V88_227	V88_325	BB4
AM17	V88_228	V88_326	BC1
AK11	V88_229	V88_327	AV3
BA7	V88_230	V88_328	AV3
M17	V88_231	V88_329	AL5
H17	V88_232	V88_330	B3
C17	V88_233	V88_331	B3
V23	V88_234	V88_332	B3
BA16	V88_235	V88_333	BA2
V23	V88_236	V88_334	AM2
AM16	V88_237	V88_335	AB2
AM16	V88_238	V88_336	AB2
N16	V88_239	V88_337	AB2
K16	V88_240	V88_338	AM2
Q16	V88_241	V88_339	AM2
E16	V88_242	V88_340	AF2
BP15	V88_243	V88_341	AB2
AC15	V88_244	V88_342	AD2
M15	V88_245	V88_343	AC2
A15	V88_246	V88_344	Y2
BP14	V88_247	V88_345	M2
BA14	V88_248	V88_346	E2
CA14	V88_249	V88_347	AM1
BP13	V88_250	V88_348	AA1
BC13	V88_251	V88_349	F1
BA13	V88_252	V88_350	H1
V24	V88_351	R233	1 2 0 5%
V25	V88_352	R232	1 2 0 5%
UP2	V88_353	R226	1 2 0 5%
N13	V88_354	R237	1 2 0 5%
J13	V88_355		
Q13	V88_356		
E13	V88_357		
BP12	V88_358		
AM12	V88_359		
AM12	V88_360		
AM12	V88_361		
AM12	V88_362		
AM12	V88_363		
AM12	V88_364		
AM12	V88_365		
AA12	V88_366		
J12	V88_367		
A12	V88_368		
BD11	V88_369		
BB11	V88_370		
AM11	V88_371		
AM11	V88_372		
AM11	V88_373		
Y11	V88_374		
N11	V88_375		
Q11	V88_376		
G11	V88_377		
C11	V88_378		
BP10	V88_379		
AV10	V88_380		
AT10	V88_381		
AG10	V88_382		
AM10	V88_383		
M10	V88_384		
BP2	V88_385		
BP2	V88_386		
AM9	V88_387		
AM9	V88_388		
AM9	V88_389		
AM9	V88_390		
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AM9	V88_397		
AM9	V88_398		
AM9	V88_399		

VSS\_SCB VSS\_NCTF NC

CANTIGA:  
GM: 6019B0484201  
PM: 6019B0516601

**INVENTEC**  
TITLE: KiliManjaro 2.0(Montevina)  
CANTIGA(77)  
SIZE CODE DOC. NUMBER REV  
A3 CS 1310A2207301-0-31 #02  
SHEET 25 OF 58





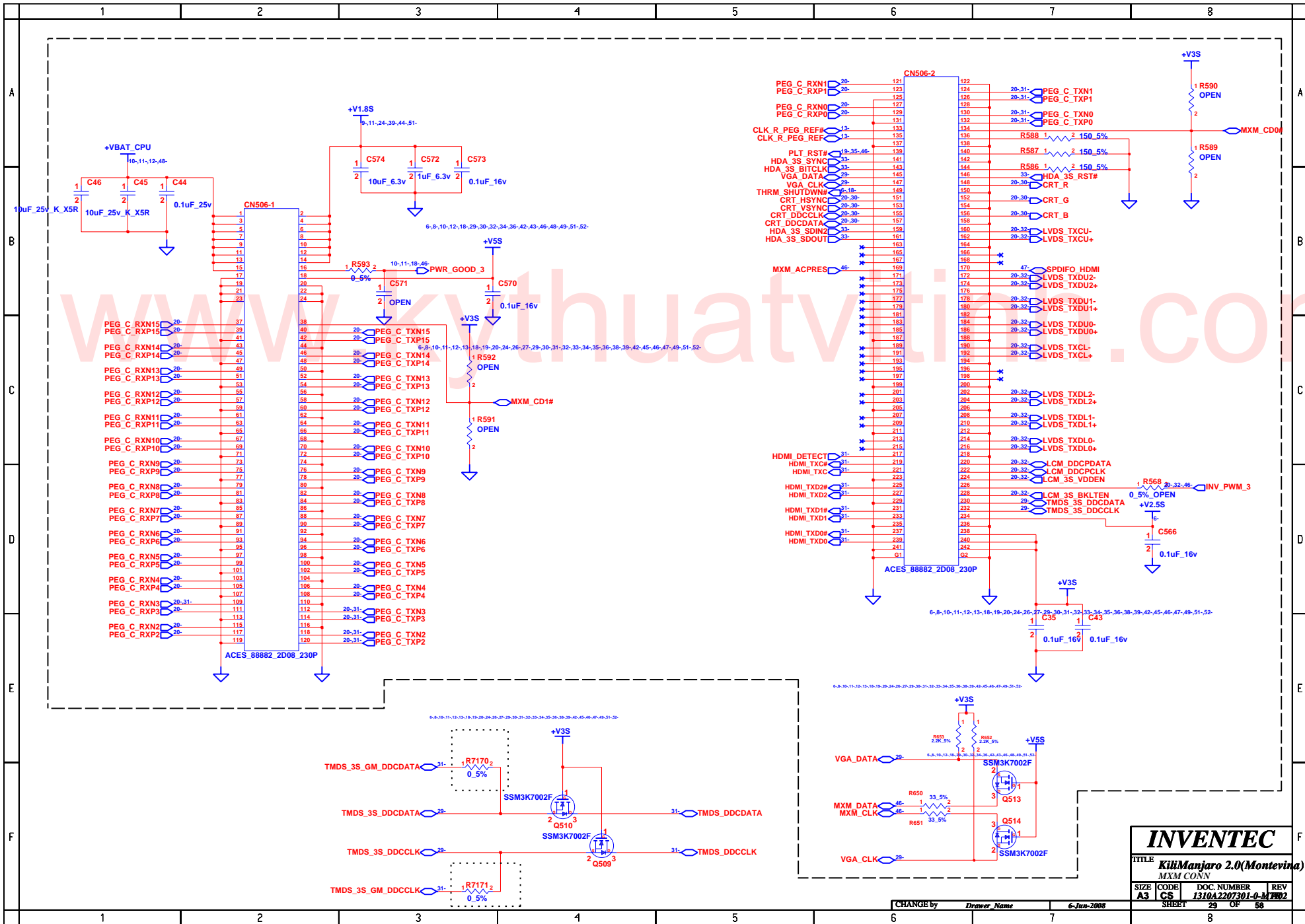
<b>INVENTEC</b>			
TITLE: KiliManjaro 2.0(Montevina)			
DDR3-DIMM-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-1	#02
SHEET		27	OF 58

CHANGE by *Drawer Name* 6-Jun-2008

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**BLANK**

<b>INVENTEC</b>			
TITLE <i>KiliManjaro 2.0(Montevina)</i>			
DDR2-DAMPING			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-M	#02
CHANGE by		Drawer Name	6-Jun-2008
SHEET		28	OF 58

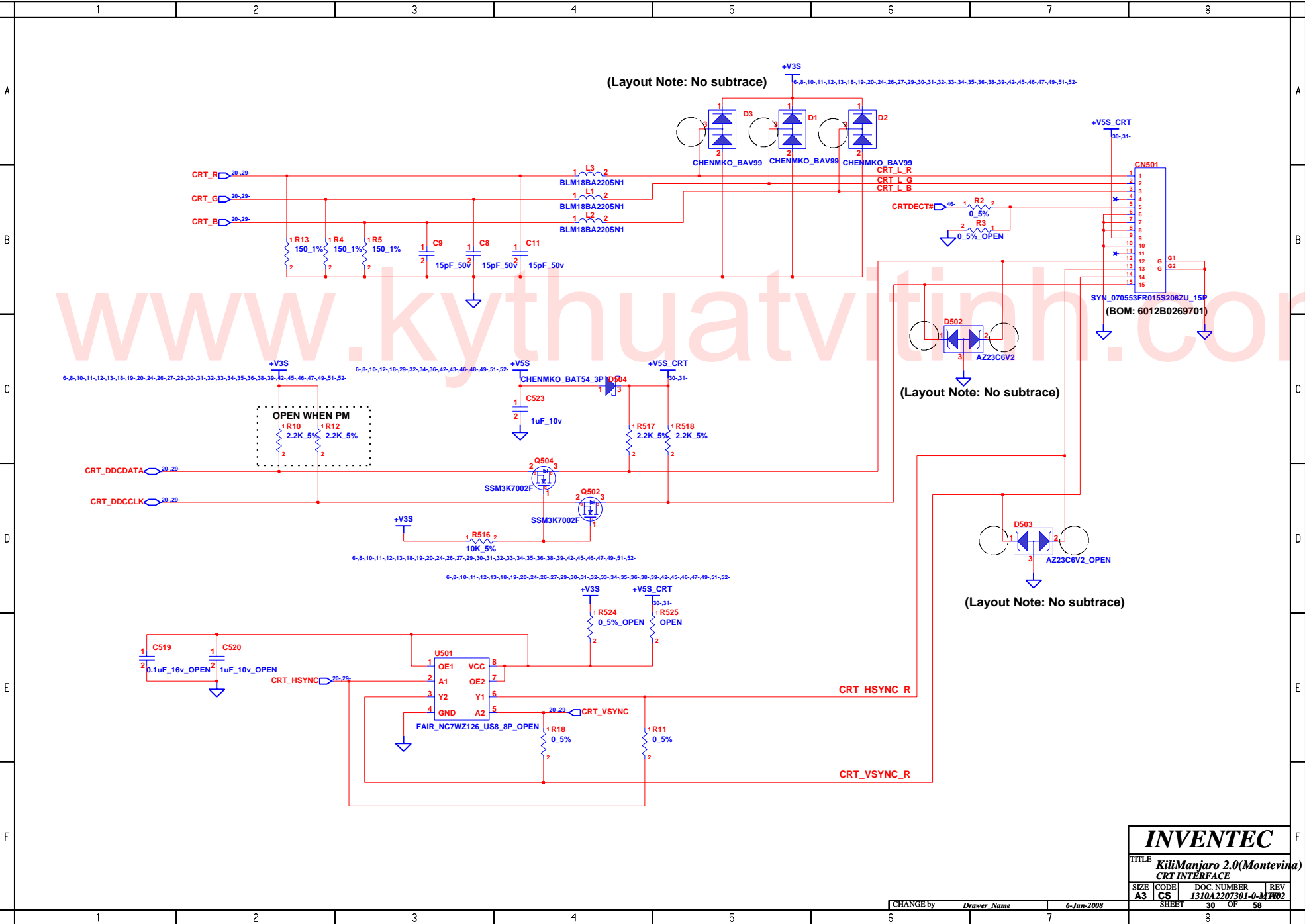


**INVENTEC**

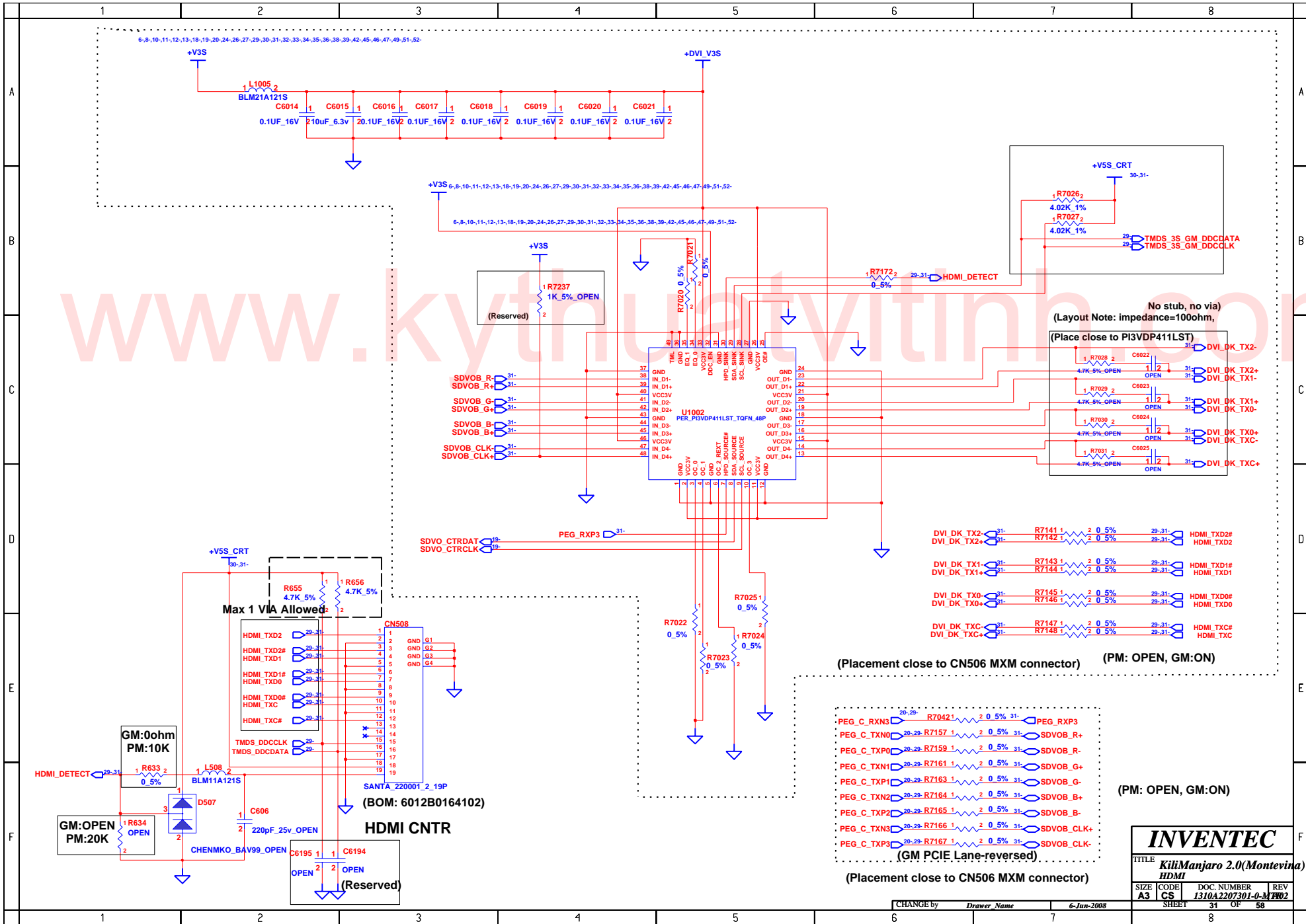
TITLE: **KiliManjaro 2.0(Montevina)**  
 MXM CONN

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-M	#02
SHEET	29	OF	56

CHANGE by *Drawer Name* 6-Jun-2008



<b>INVENTEC</b>			
TITLE <b>KiliManjaro 2.0(Montevina)</b>			
CRT INTERFACE			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>1310A2207301-0-M</b>	REV <b>#02</b>
CHANGE by <i>Drawer Name</i>		6-Jun-2008	SHEET 30 OF 58



No stub, no via  
(Layout Note: impedance=100ohm,  
(Place close to PI3VDP411LST)

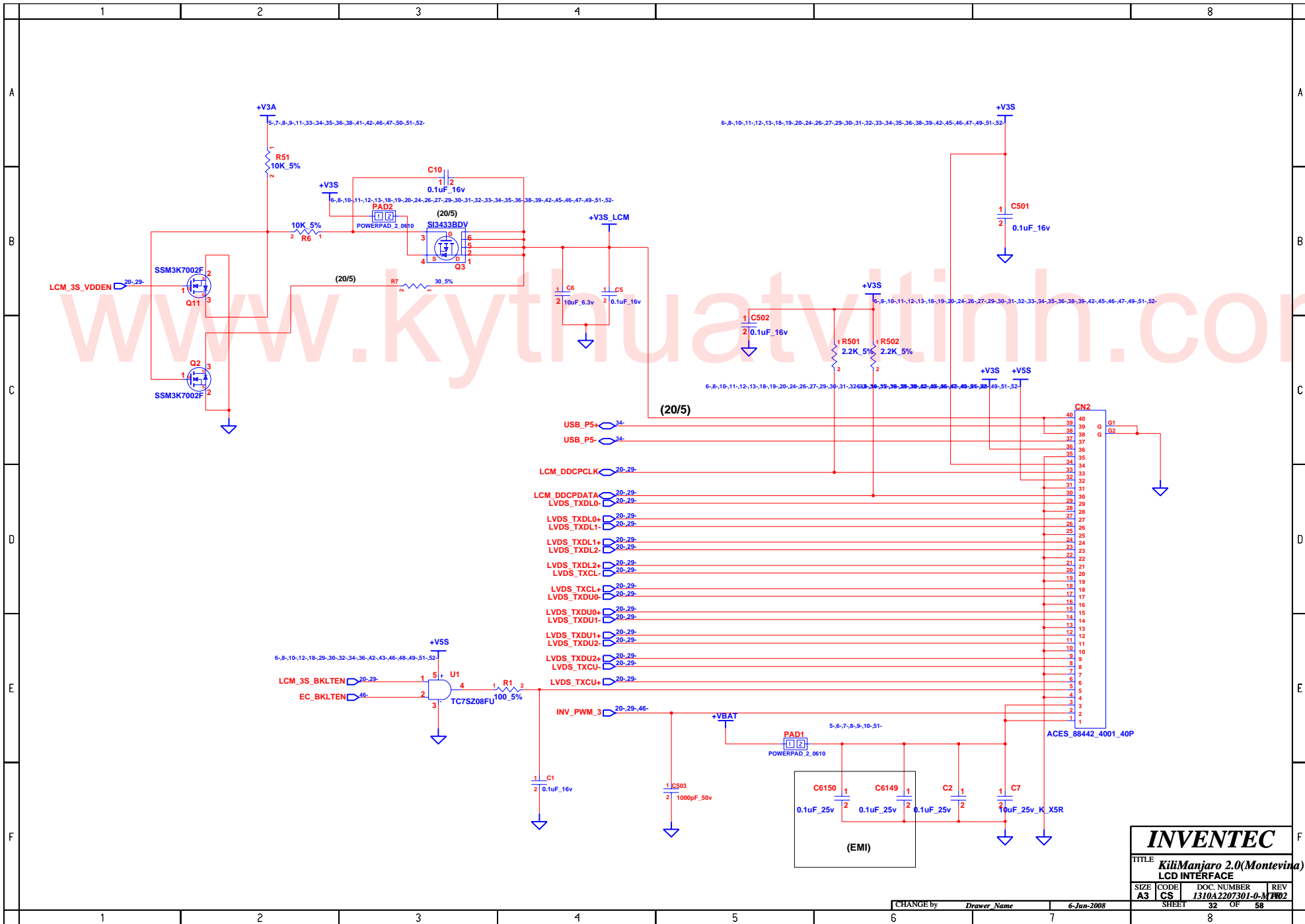
(Placement close to CN506 MXM connector) (PM: OPEN, GM:ON)

(PM: OPEN, GM:ON)

(Placement close to CN506 MXM connector)

<b>INVENTEC</b>			
TITLE: KiliManjaro 2.0(Montevina) HDMI			
SIZE: A3	CODE: CS	DOC. NUMBER: I310A2207301-0-31	REV: #02
SHEET: 31		OF: 58	

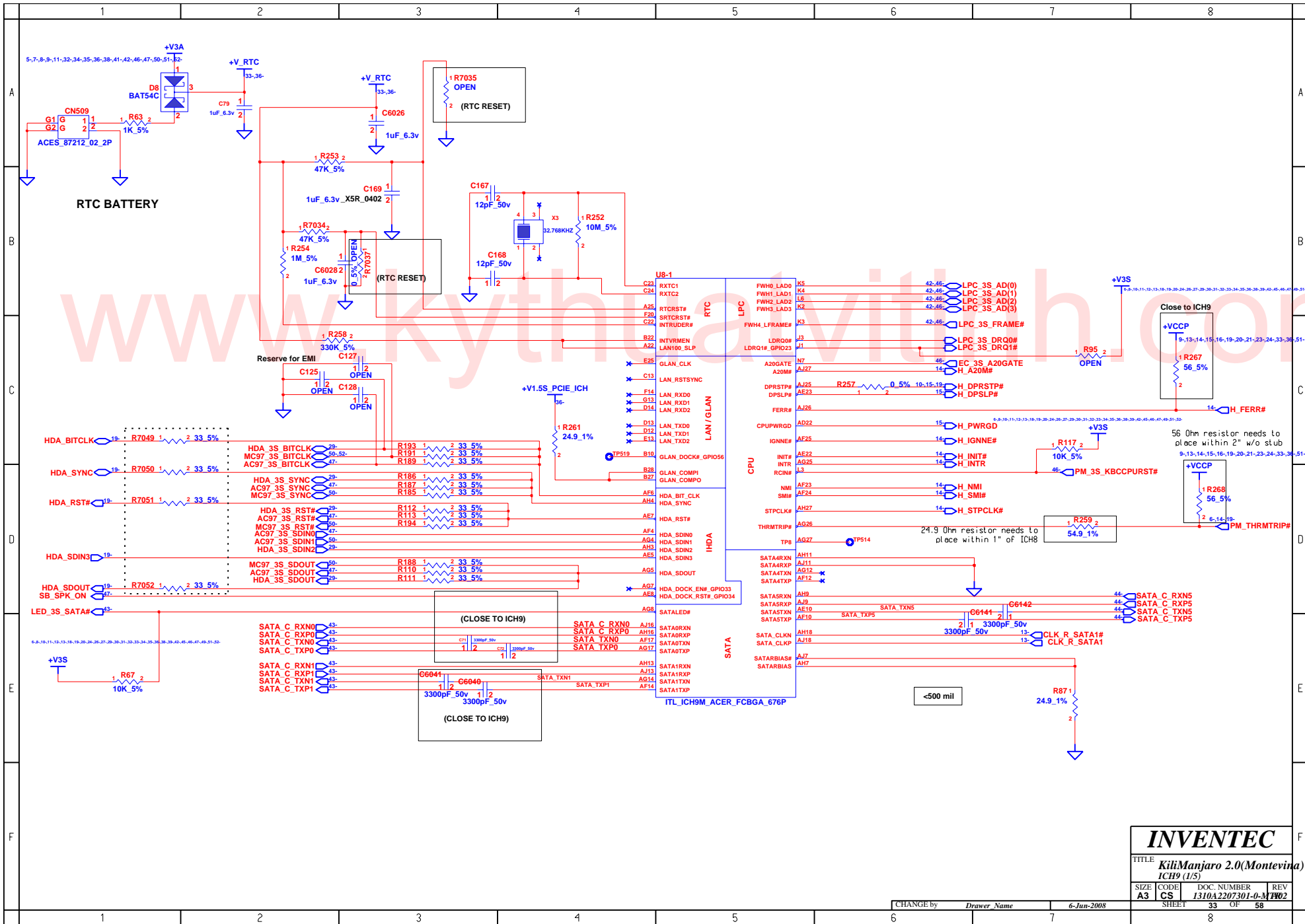
CHANGE by	Drawer Name	6-Jun-2008
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<b>INVENTEC</b>			
TITLE: KiliManjaro 2.0(Montevina)			
LCD INTERFACE			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-M	#02
SHEET		OF	
32		58	

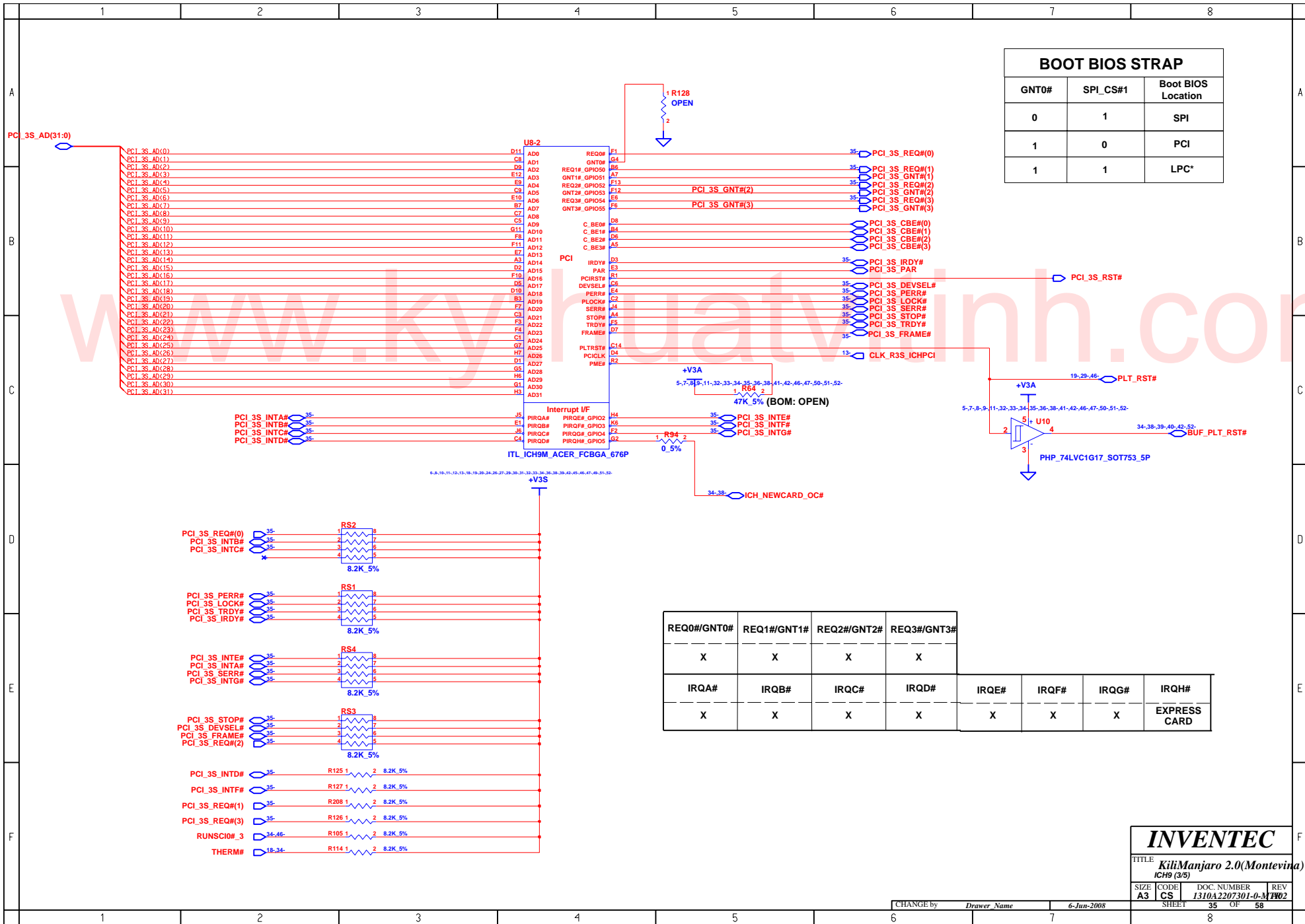
CHANGE by *Drawer Name* 6-Jun-2008





<b>INVENTEC</b>			
TITLE <b>KiliManjaro 2.0(Montevina)</b>			
ICH9 (1/5)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-3	#02
CHANGE by		Drawer Name	6-Jun-2008
SHEET		33	OF 58

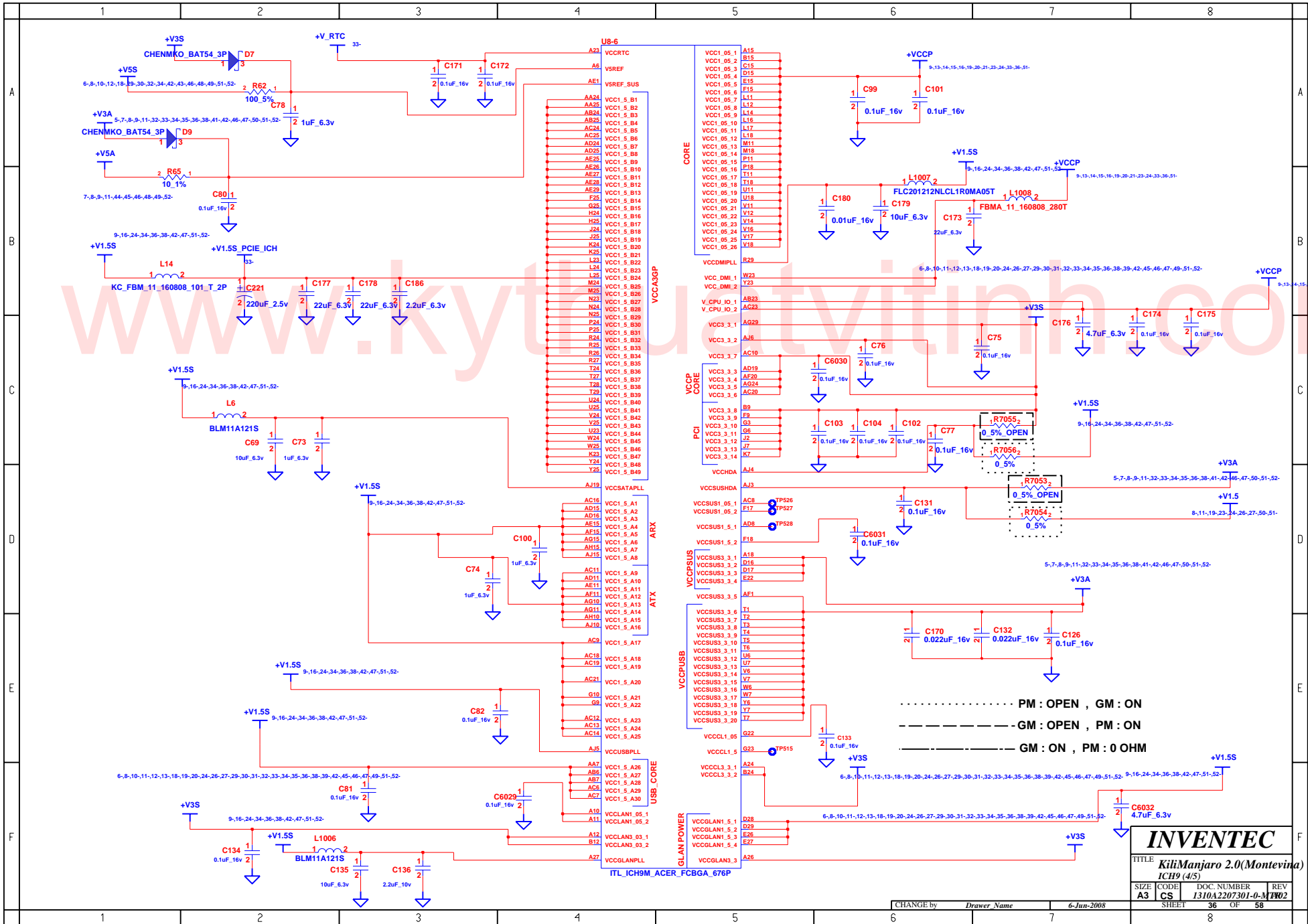




BOOT BIOS STRAP		
GNT0#	SPI_CS#1	Boot BIOS Location
0	1	SPI
1	0	PCI
1	1	LPC*

REQ0#/GNT0#	REQ1#/GNT1#	REQ2#/GNT2#	REQ3#/GNT3#				
X	X	X	X				
IRQA#	IRQB#	IRQC#	IRQD#	IRQE#	IRQF#	IRQG#	IRQH#
X	X	X	X	X	X	X	EXPRESS CARD

<b>INVENTEC</b>			
TITLE <i>KiliManjaro 2.0(Montevina)</i>			
ICH9 (3/5)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-3	#02
CHANGE by		Drawer Name	6-Jun-2008
		SHEET	35 OF 58



**INVENTEC**

TITLE: KiliManjaro 2.0(Montevina)  
 ICH9 (4/5)

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-M	202

SHEET 36 OF 58

CHANGE by: *Drawer Name* 6-Jun-2008

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

U8-5

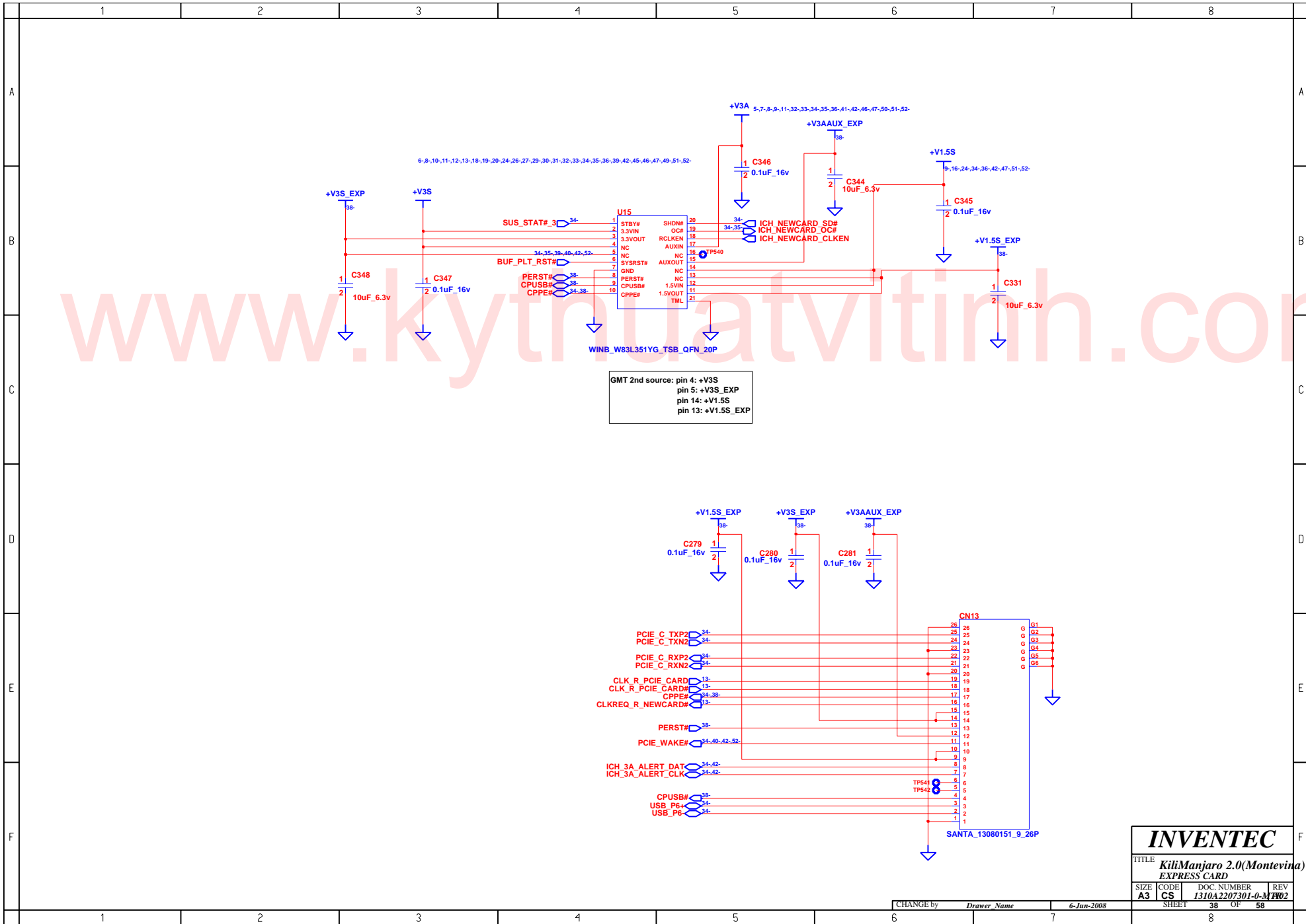
AA26	VSS001	VSS107	H5
AA27	VSS002	VSS108	J23
AA3	VSS003	VSS109	J26
AA6	VSS004	VSS110	J27
AB1	VSS005	VSS111	AC22
AA23	VSS006	VSS112	K28
AB2	VSS007	VSS113	K29
AB29	VSS008	VSS114	L13
AB4	VSS009	VSS115	L15
AB5	VSS010	VSS116	L2
AC17	VSS011	VSS117	L26
AC26	VSS012	VSS118	L27
AC27	VSS013	VSS119	L5
AC3	VSS014	VSS120	L7
AD1	VSS015	VSS121	M12
AD10	VSS016	VSS122	M13
AD12	VSS017	VSS123	M14
AD13	VSS018	VSS124	M15
AD14	VSS019	VSS125	M16
AD17	VSS020	VSS126	M17
AD18	VSS021	VSS127	M23
AD21	VSS022	VSS128	M28
AD28	VSS023	VSS129	M29
AD29	VSS024	VSS130	M11
AD4	VSS025	VSS131	M12
AD5	VSS026	VSS132	M13
AD6	VSS027	VSS133	M14
AD7	VSS028	VSS134	M15
AD9	VSS029	VSS135	M16
AE14	VSS030	VSS136	M17
AE13	VSS031	VSS137	M18
AE14	VSS032	VSS138	M26
AE16	VSS033	VSS139	M27
AE17	VSS034	VSS140	P12
AE2	VSS035	VSS141	P13
AE20	VSS036	VSS142	P14
AE4	VSS037	VSS143	P15
AE3	VSS038	VSS144	P16
AE4	VSS039	VSS145	P17
AE6	VSS040	VSS146	P2
AE9	VSS041	VSS147	P21
AF13	VSS042	VSS148	P28
AF16	VSS043	VSS149	P29
AF18	VSS044	VSS150	P4
AF2	VSS045	VSS151	P7
AH26	VSS046	VSS152	R11
AF26	VSS047	VSS153	R12
AF27	VSS048	VSS154	R13
AF3	VSS049	VSS155	R14
AF7	VSS050	VSS156	R15
AF9	VSS051	VSS157	R16
AG13	VSS052	VSS158	R17
AG16	VSS053	VSS159	R18
AG18	VSS054	VSS160	R28
AG20	VSS055	VSS161	T12
AG23	VSS056	VSS162	T13
AG3	VSS057	VSS163	T14
AG6	VSS058	VSS164	T15
AG9	VSS059	VSS165	T16
AH12	VSS060	VSS166	T17
AH14	VSS061	VSS167	T23
AH17	VSS062	VSS168	B26
AH19	VSS063	VSS169	U12
AH2	VSS064	VSS170	U13
AH22	VSS065	VSS171	U14
AH23	VSS066	VSS172	U15
AH28	VSS067	VSS173	U16
AH5	VSS068	VSS174	U17
AH8	VSS069	VSS175	AD23
AJ12	VSS070	VSS176	U26
AJ14	VSS071	VSS177	U27
AJ17	VSS072	VSS178	U3
AJ8	VSS073	VSS179	V1
B11	VSS074	VSS180	V13
B14	VSS075	VSS181	V15
B17	VSS076	VSS182	V23
B2	VSS077	VSS183	V28
B20	VSS078	VSS184	V29
B23	VSS079	VSS185	V4
B5	VSS080	VSS186	V5
B8	VSS081	VSS187	W26
C28	VSS082	VSS188	W27
C27	VSS083	VSS189	W3
E11	VSS084	VSS190	V1
E14	VSS085	VSS191	Y28
E18	VSS086	VSS192	Y29
E2	VSS087	VSS193	V4
E21	VSS088	VSS194	V5
E24	VSS089	VSS195	AG28
ER	VSS090	VSS196	AB2
FR	VSS091	VSS197	AF2
F16	VSS092	VSS198	B25
F28	VSS093	VSS199	B29
F29	VSS094	VSS_NCTF1	A1
G12	VSS095	VSS_NCTF2	A2
G14	VSS096	VSS_NCTF3	A28
G18	VSS097	VSS_NCTF4	A29
G21	VSS098	VSS_NCTF5	AH1
G24	VSS099	VSS_NCTF6	AH29
G26	VSS100	VSS_NCTF7	AJ1
G27	VSS101	VSS_NCTF8	AJ2
G8	VSS102	VSS_NCTF9	AJ28
H2	VSS103	VSS_NCTF10	AJ29
H23	VSS104	VSS_NCTF11	B1
H28	VSS105	VSS_NCTF12	B29
HR	VSS106		

ITL\_ICH9M\_ACER\_FCBGA\_676P

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<b>INVENTEC</b>			
TITLE <i>KiliManjaro 2.0(Montevina)</i>			
IC99 (5/5)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-M	#02
SHEET		OF	
37		58	

CHANGE by *Drawer Name* 6-Jun-2008



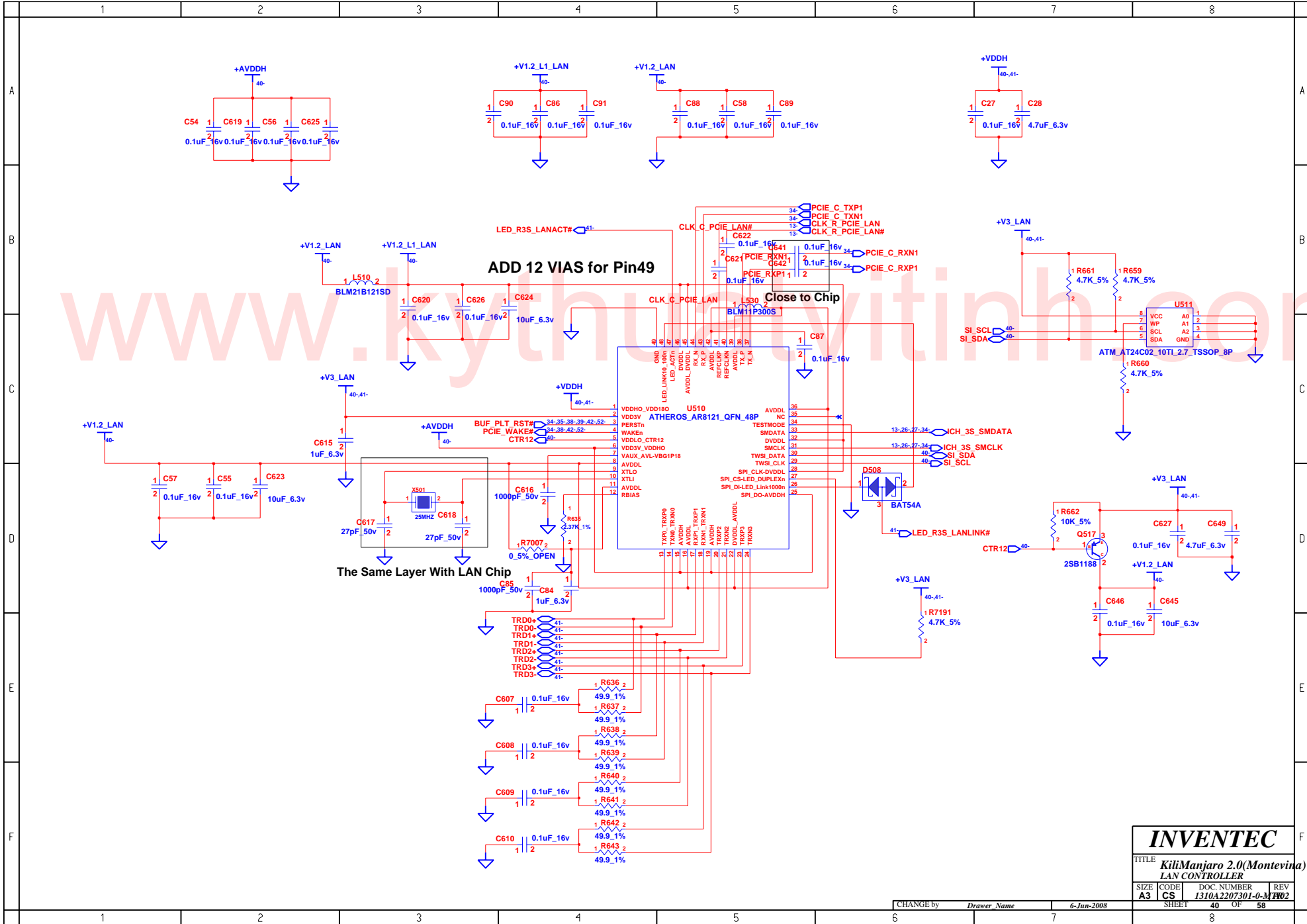
**INVENTEC**

TITLE: **KiliManjaro 2.0(Montevina) EXPRESS CARD**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-1	#02

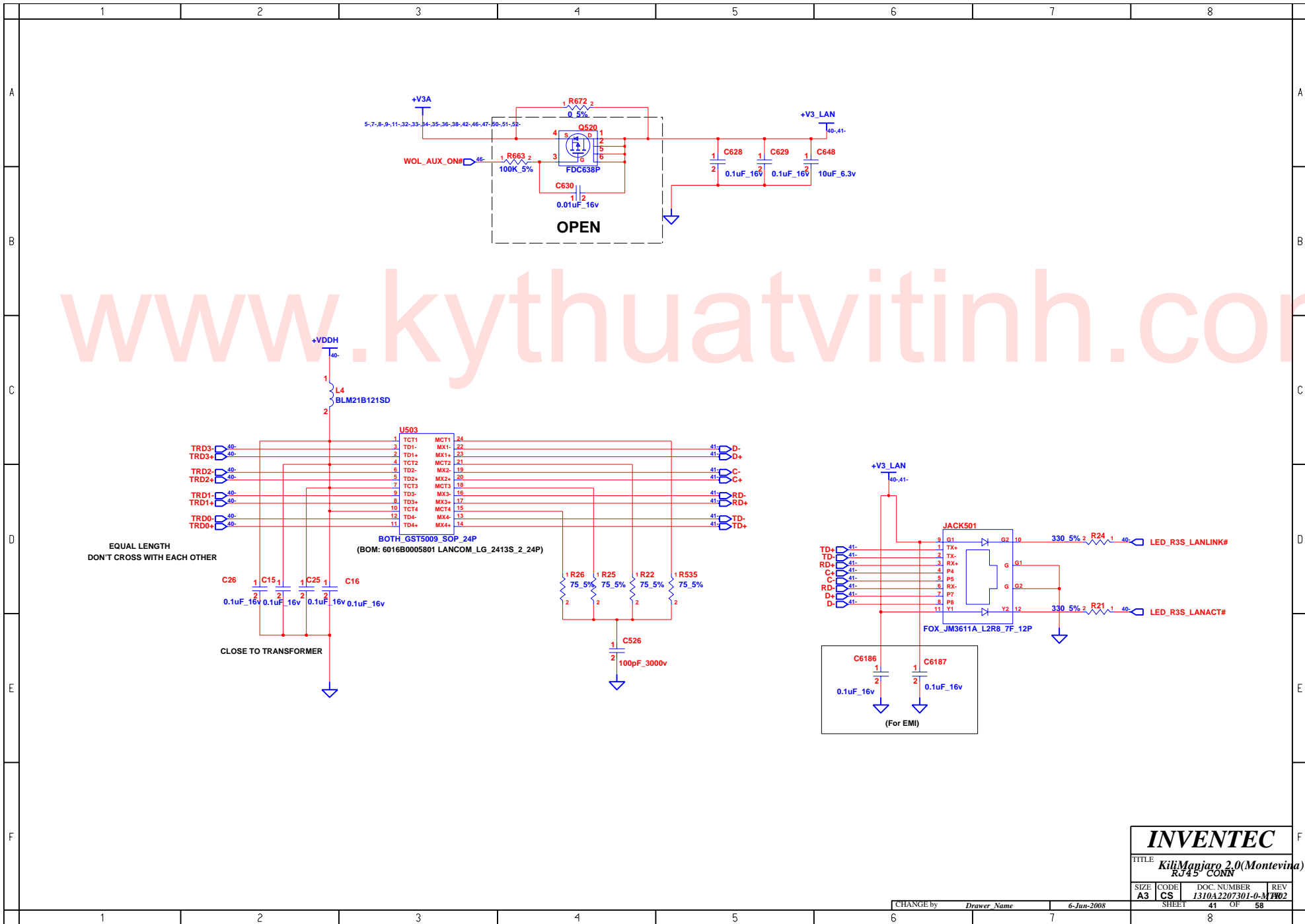
SHEET 38 OF 58





<b>INVENTEC</b>			
TITLE: <b>KiliManjaro 2.0(Montevina)</b>			
LAN CONTROLLER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-31	002
CHANGE by		Drawer Name	6-Jun-2008
SHEET		40	OF 58

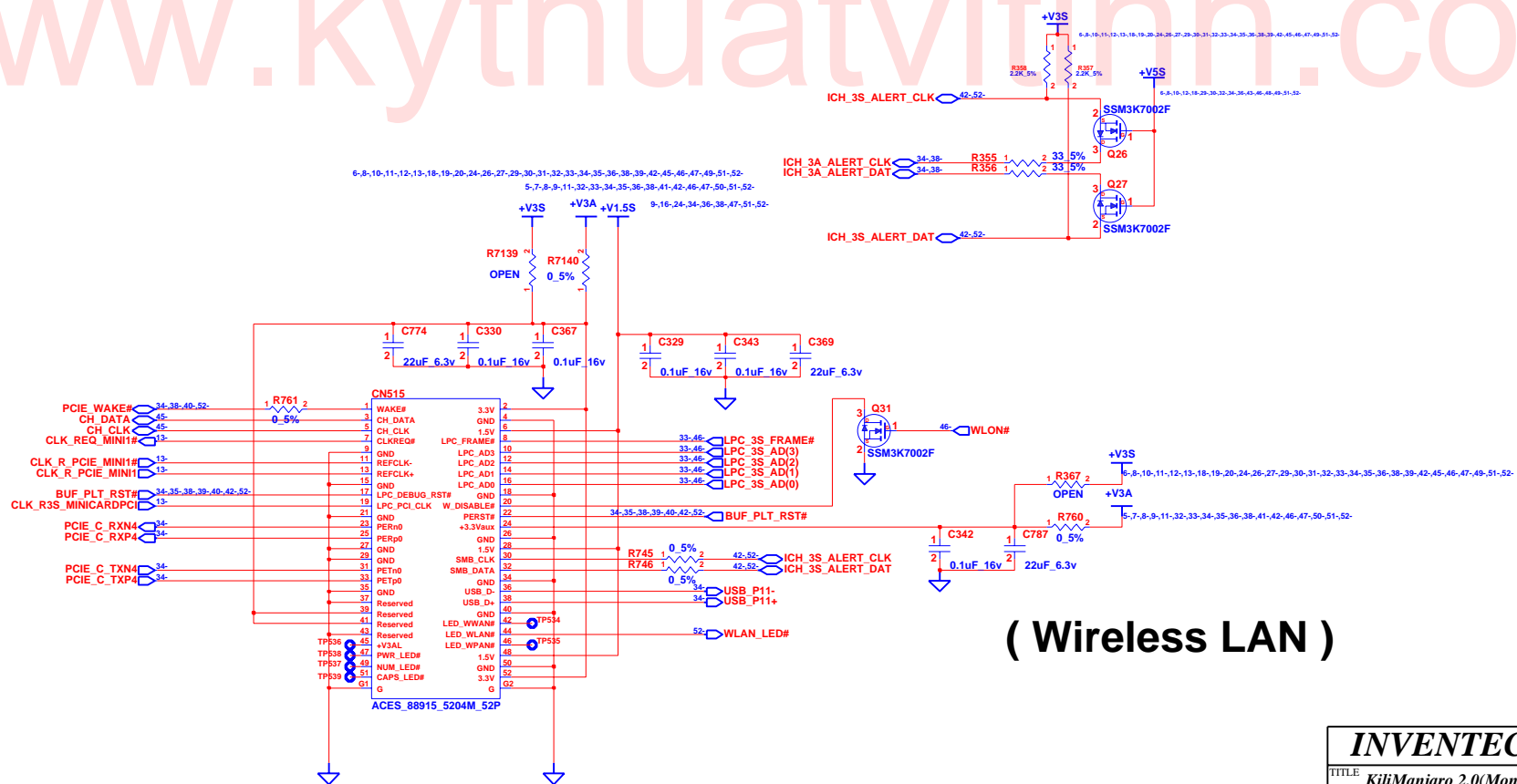




**INVENTEC**  
 TITLE: *Kili Manjaro 2.0(Montevina)*  
 RJ45\_CONN

SIZE	CODE	DOC NUMBER	REV
A3	CS	1310A2207301-0-M	#02

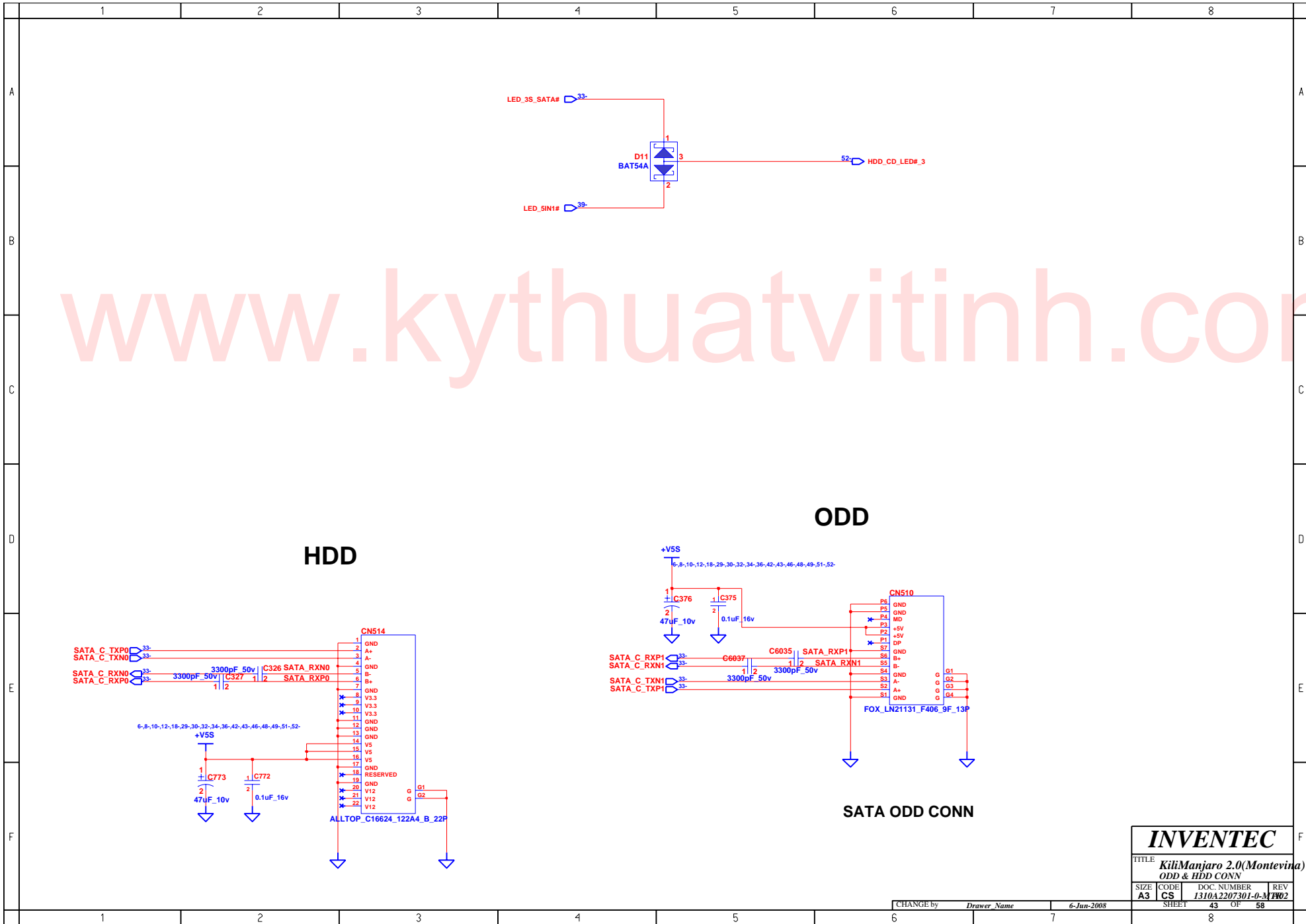
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( Wireless LAN )

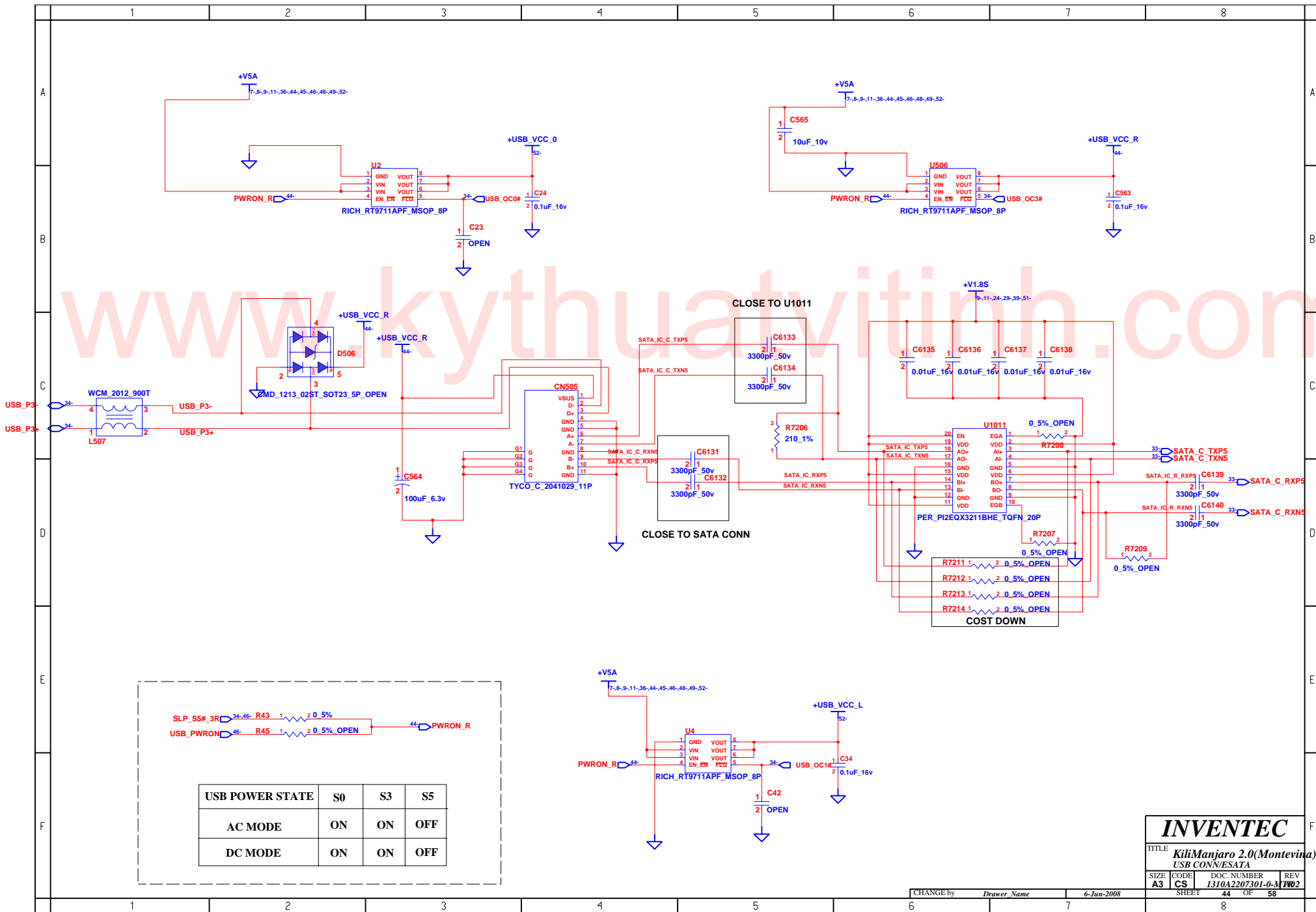
**INVENTEC**  
 TITLE: KiliManjaro 2.0(Montevina)  
 MINI CARD

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-M	#02



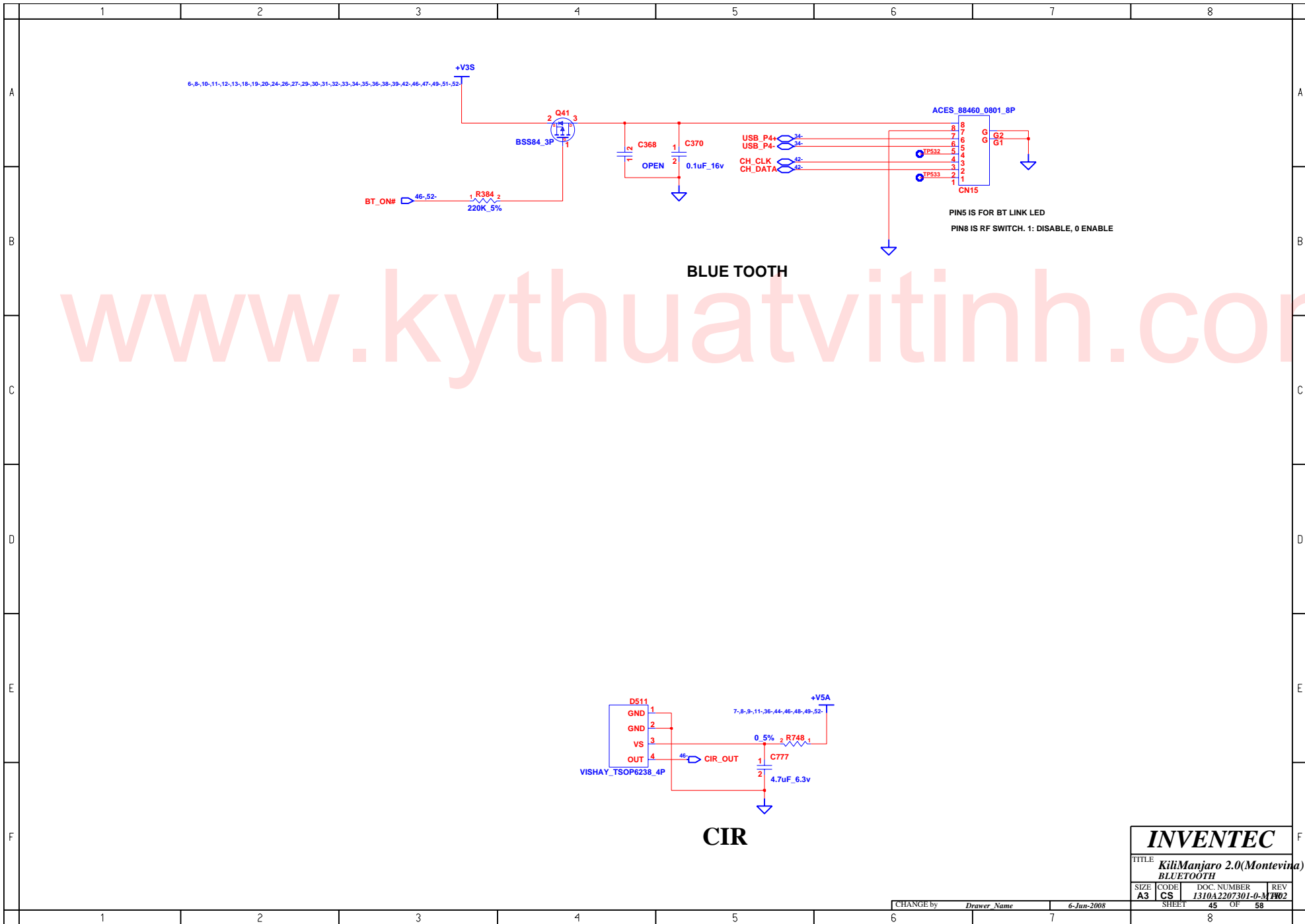
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<b>INVENTEC</b>			
TITLE: KiliManjaro 2.0(Montevina) ODD & HDD CONN			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER 1310A2207301-0- <b>M</b>	REV <b>#02</b>
CHANGE by: <i>Drawer Name</i>		6-Jun-2008	SHEET 43 OF 58



SLP\_SS#\_3R R43 2 0.5%  
 USB\_PWRON R45 1 2 0.5% OPEN

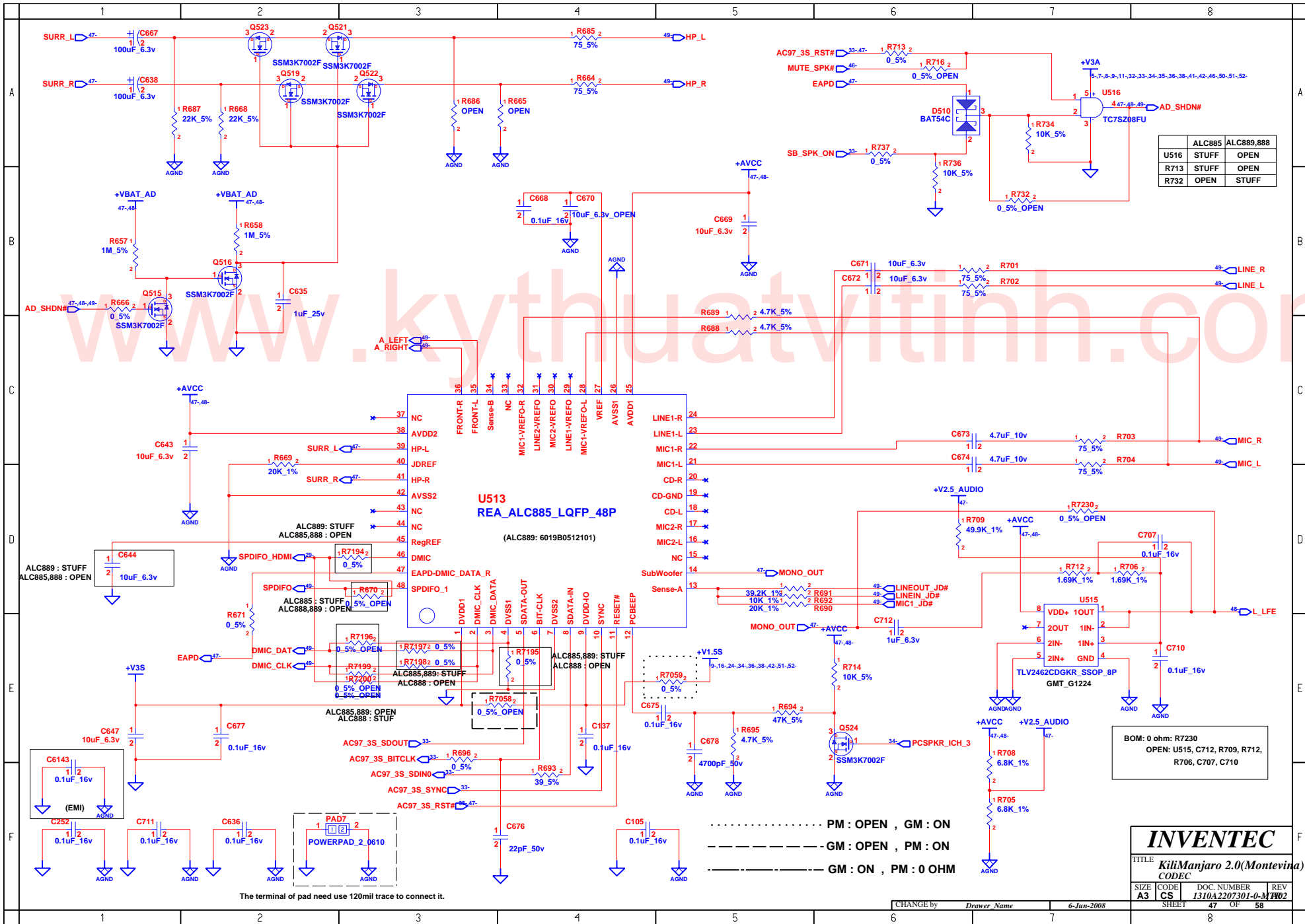
USB POWER STATE	S0	S3	S5
AC MODE	ON	ON	OFF
DC MODE	ON	ON	OFF



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<b>INVENTEC</b>			
TITLE: KiliManjaro 2.0(Montevina) BLUETOOTH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-M	#02
CHANGE by		Drawer Name	6-Jun-2008
SHEET		45	OF 58





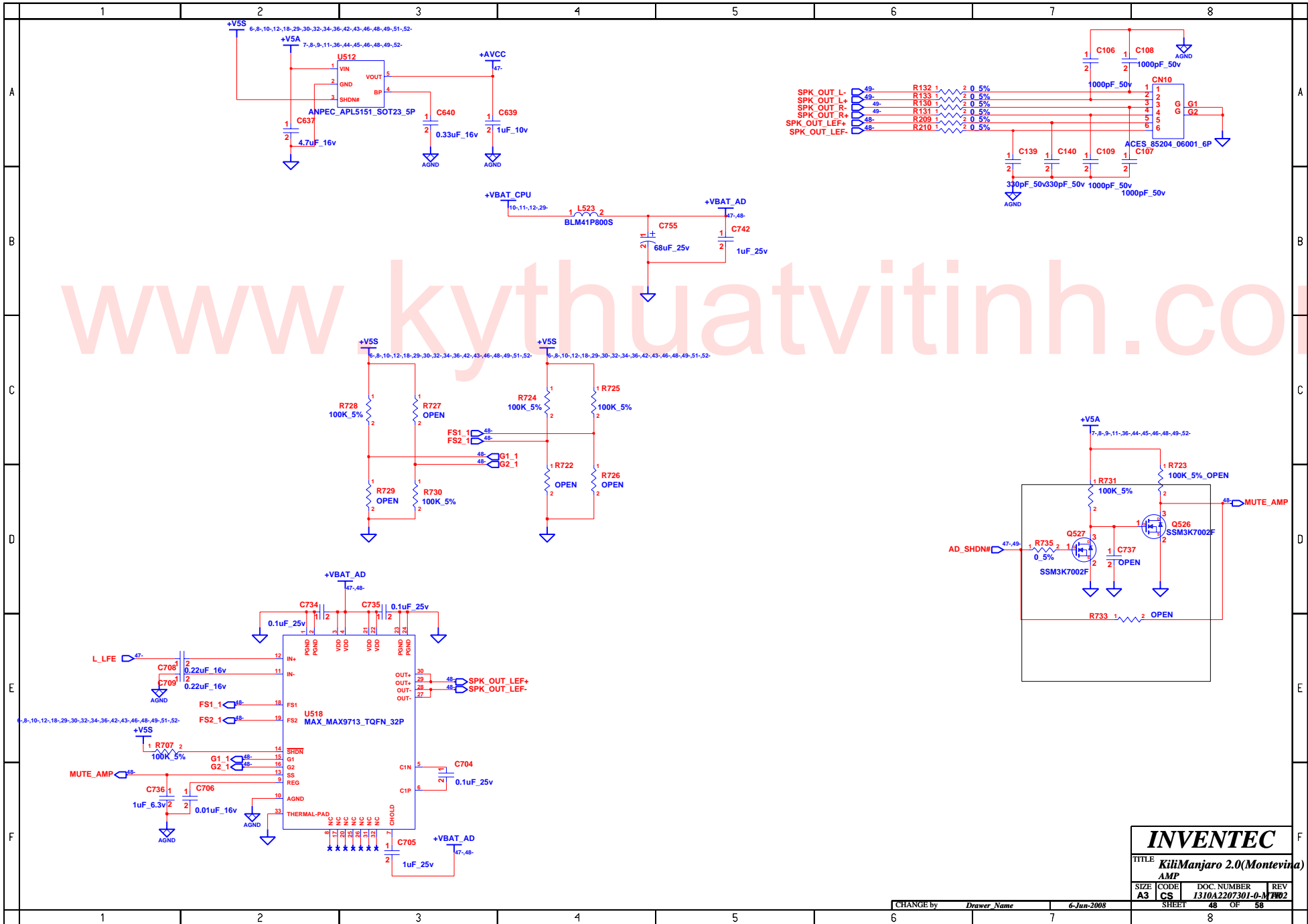
ALC885	ALC889,888
U516	STUFF OPEN
R713	STUFF OPEN
R732	OPEN STUFF

BOM: 0 ohm: R7230  
 OPEN: U515, C712, R709, R712, R706, C707, C710

<b>INVENTEC</b>			
TITLE: KiliManjaro 2.0(Montevina)			
CODEC			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-3	1002
SHEET 47		OF 58	

..... PM : OPEN , GM : ON  
 - - - - - GM : OPEN , PM : ON  
 - - - - - GM : ON , PM : 0 OHM

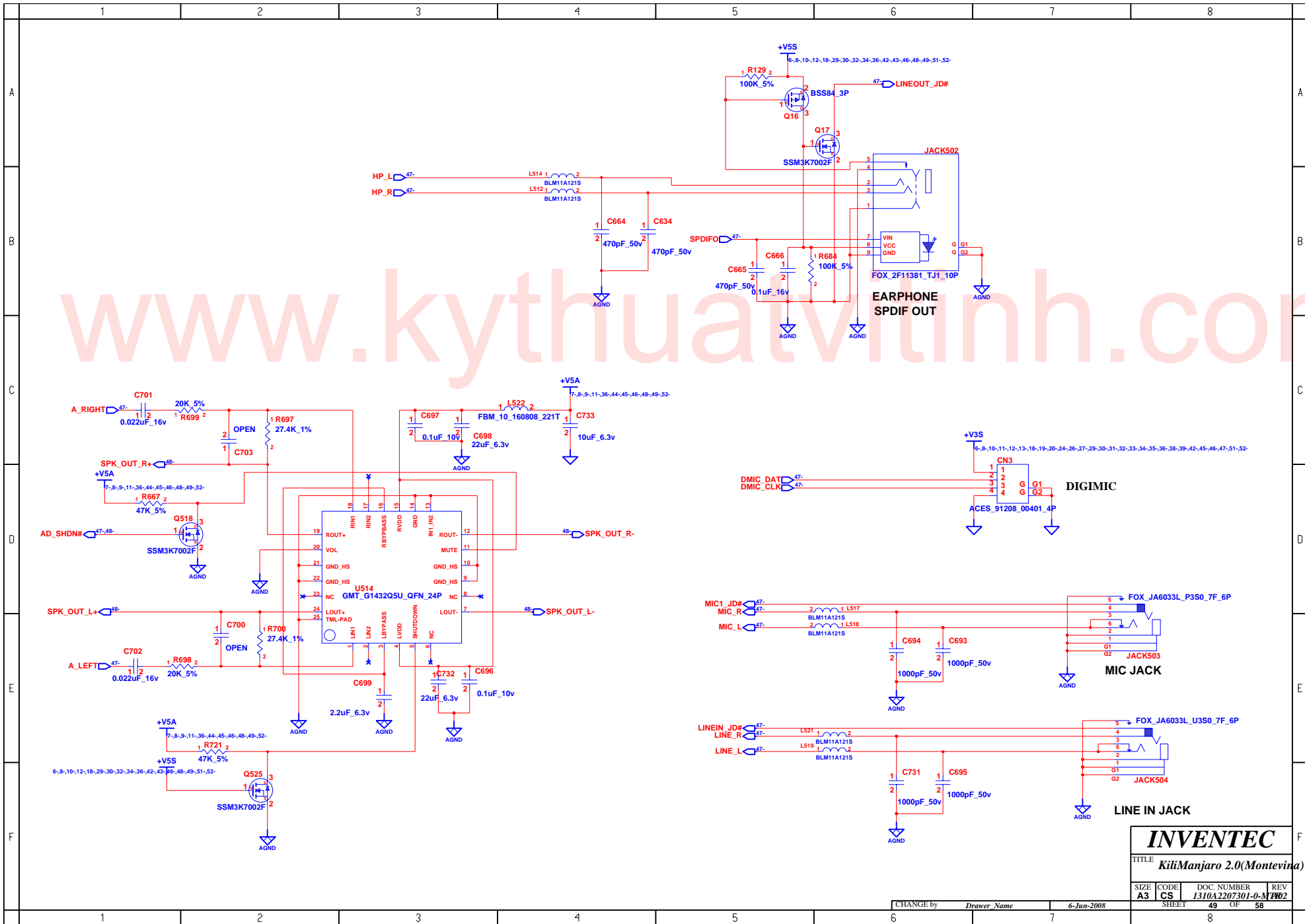
The terminal of pad need use 120mil trace to connect it.



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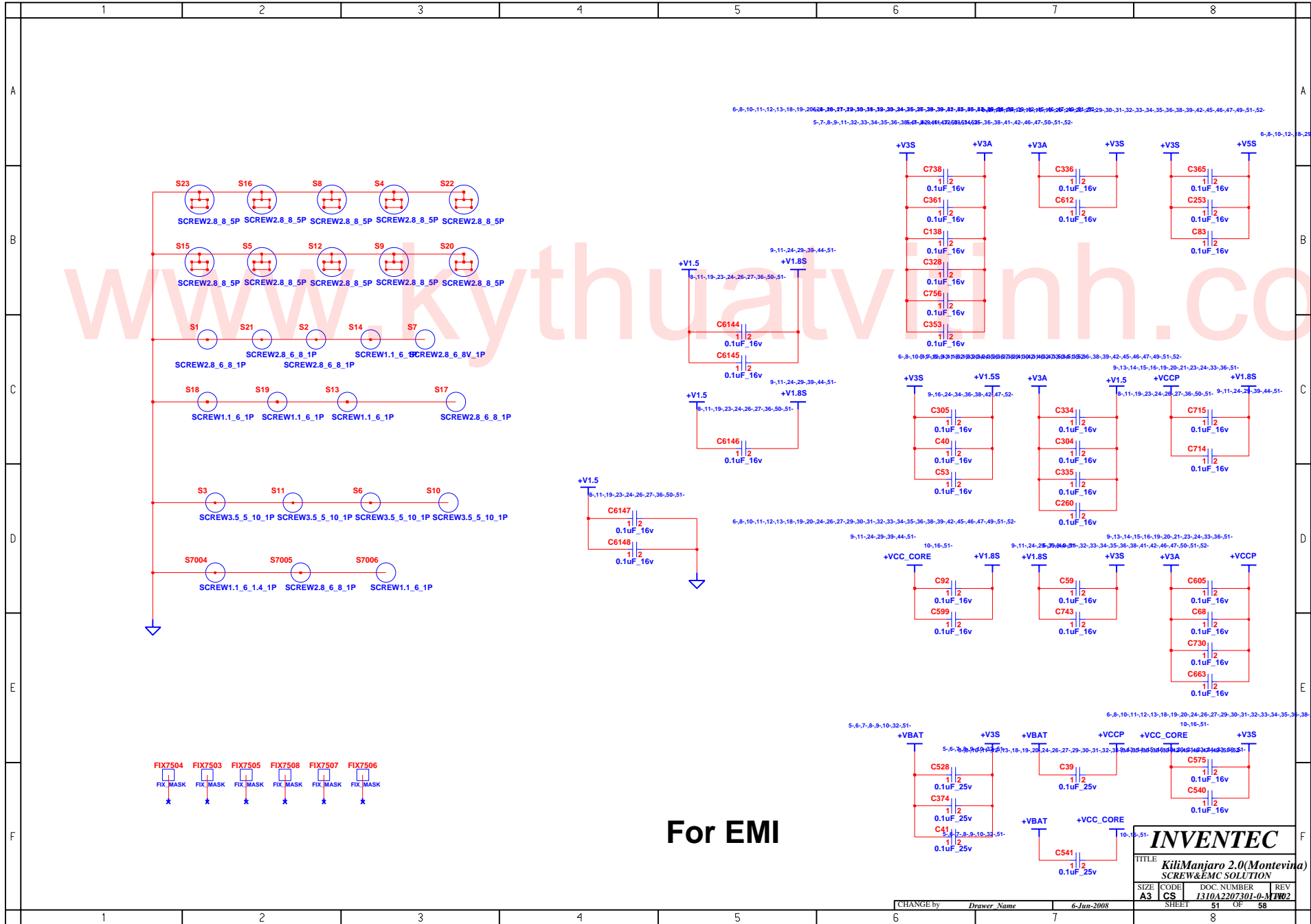
<b>INVENTEC</b>			
TITLE <b>KiliManjaro 2.0(Montevina)</b>			
AMP			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-M	FW02
CHANGE by <i>Drawer Name</i>		6-Jun-2008	SHEET 48 OF 58



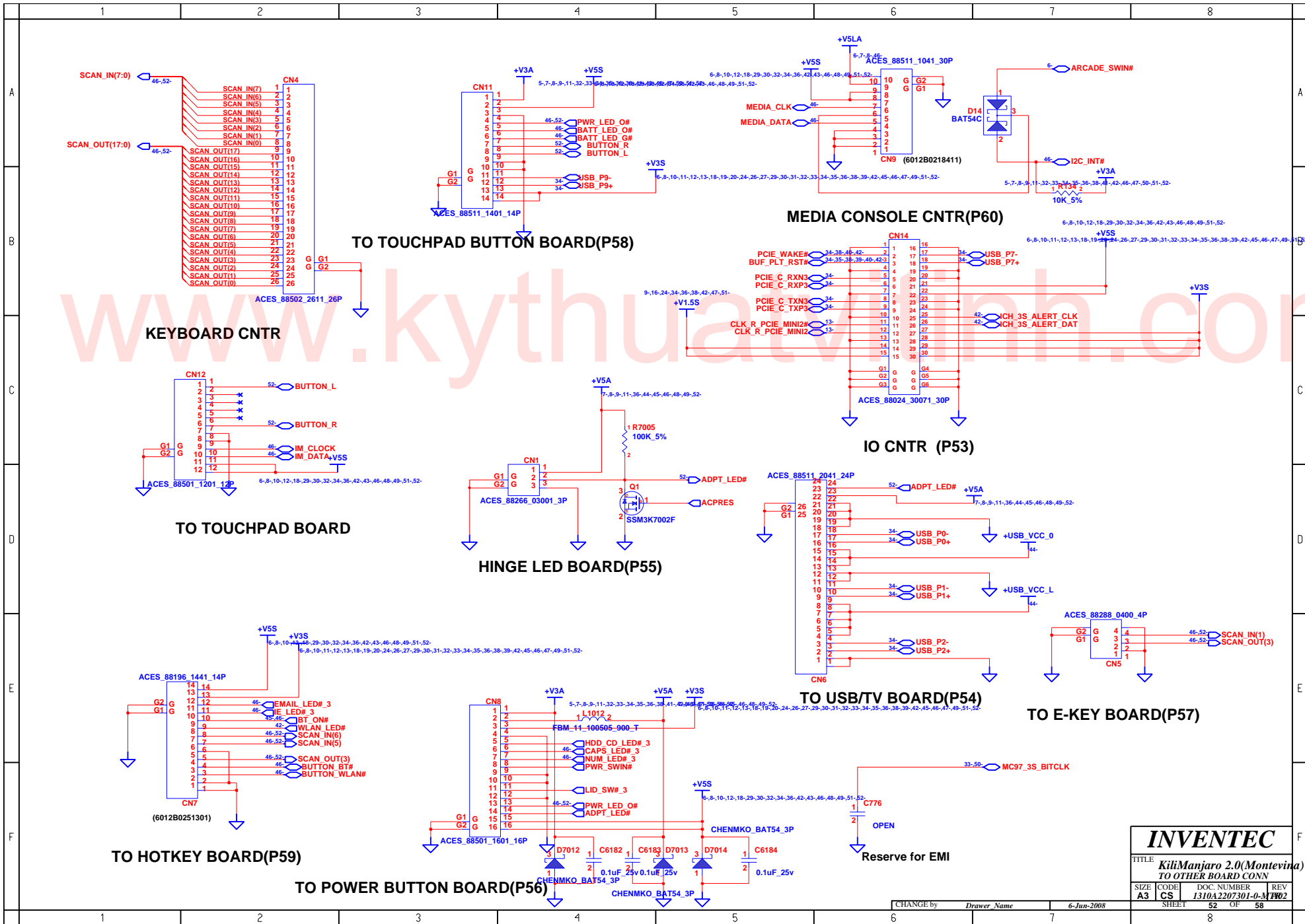


<b>INVENTEC</b>			
TITLE <i>KiliManjaro 2.0(Montevina)</i>			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <i>1310A2207301-0-3</i>	REV <b>#02</b>
CHANGE by <i>Drawer Name</i>		6-Jun-2008	SHEET <b>49</b> OF <b>58</b>



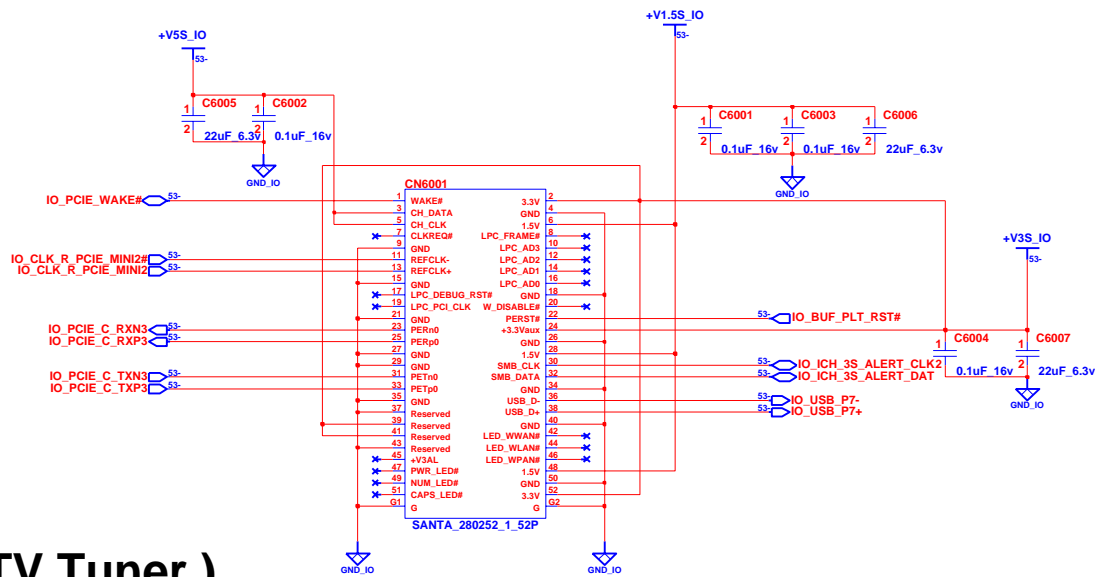
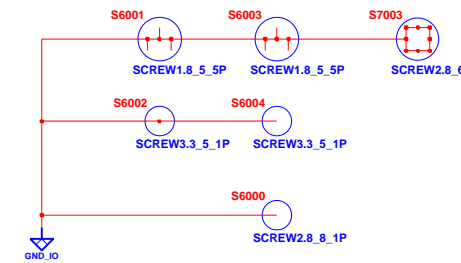
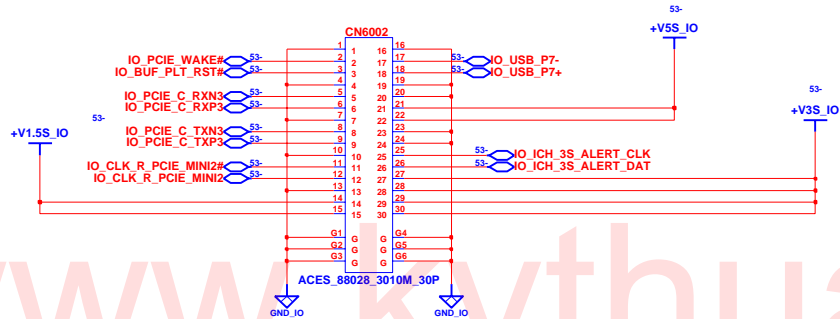


For EMI

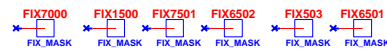


<b>INVENTEC</b>			
TITLE <i>KiliManjaro 2.0(Montevina)</i> TO OTHER BOARD CONN			
SIZE A3	CODE CS	DOC NUMBER 1310A2207301-0-31	REV #02
CHANGE by Drawer Name		6-Jun-2008	
SHEET 52		OF 58	

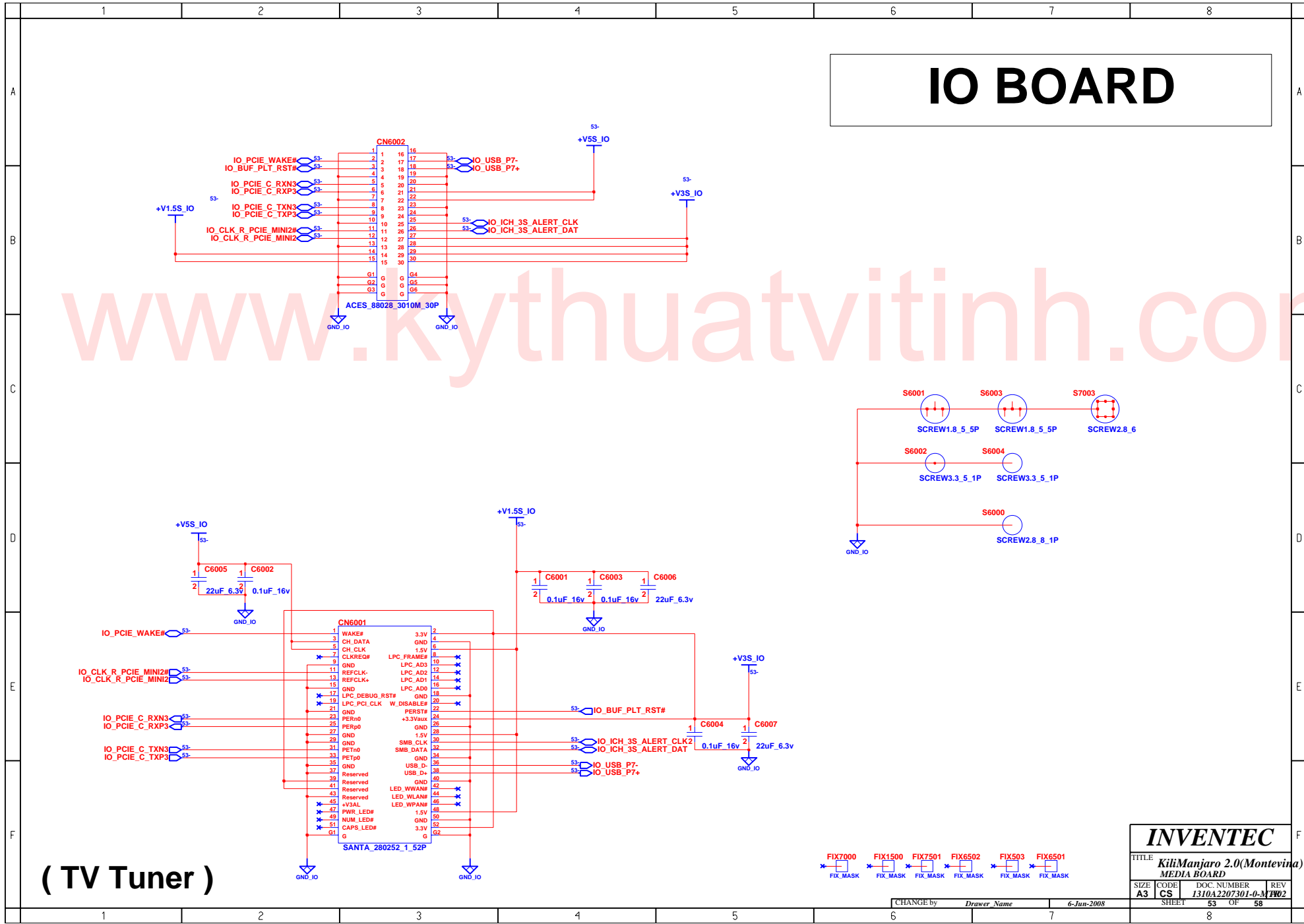
# IO BOARD



( TV Tuner )

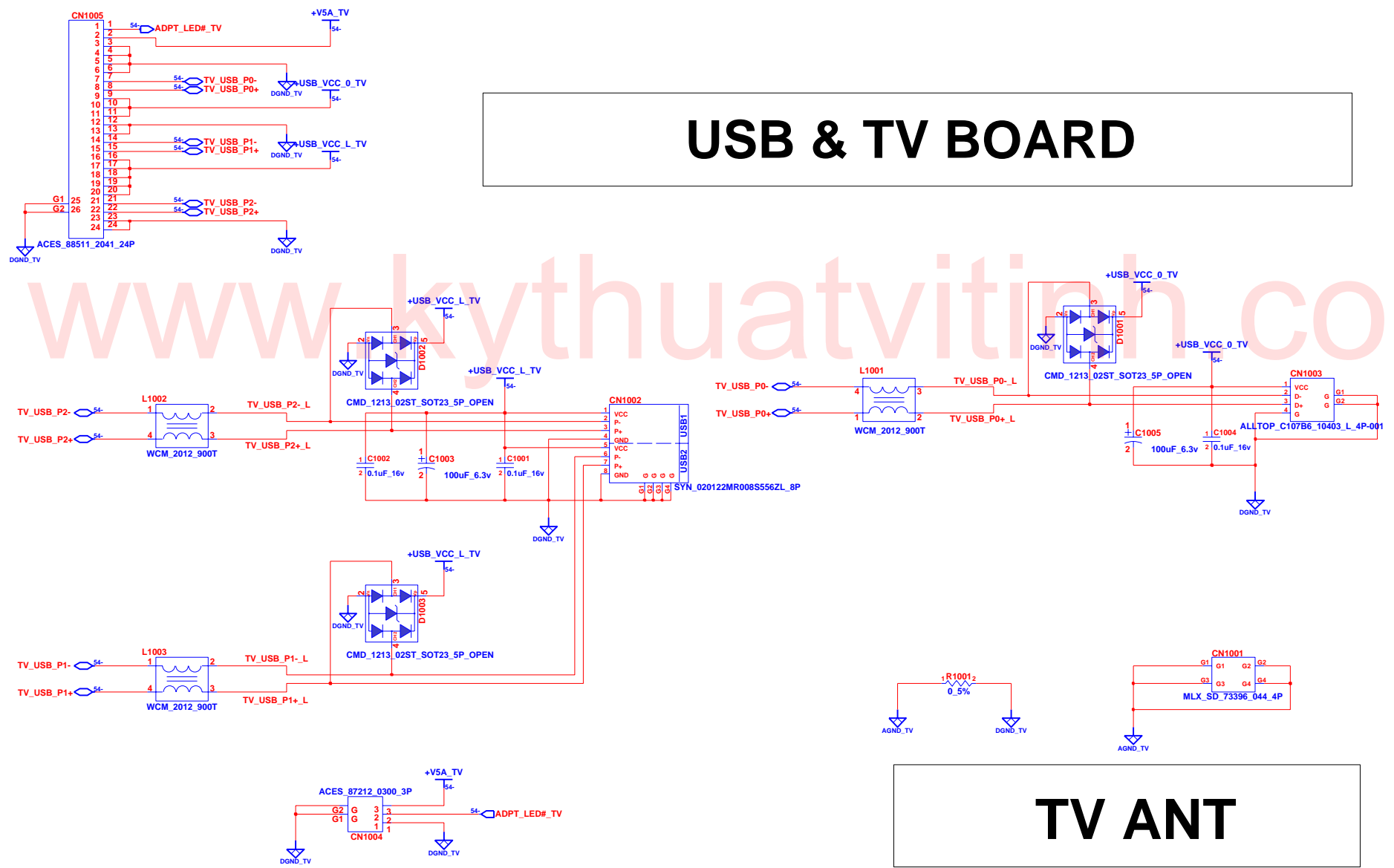


<b>INVENTEC</b>			
TITLE <b>KiliManjaro 2.0(Montevina)</b>			
MEDIA BOARD			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC NUMBER <b>1310A2207301-0-M</b>	REV <b>102</b>
CHANGE by <i>Drawer Name</i>		6-Jun-2008	SHEET 53 OF 58



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# USB & TV BOARD

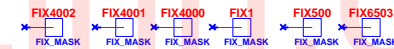
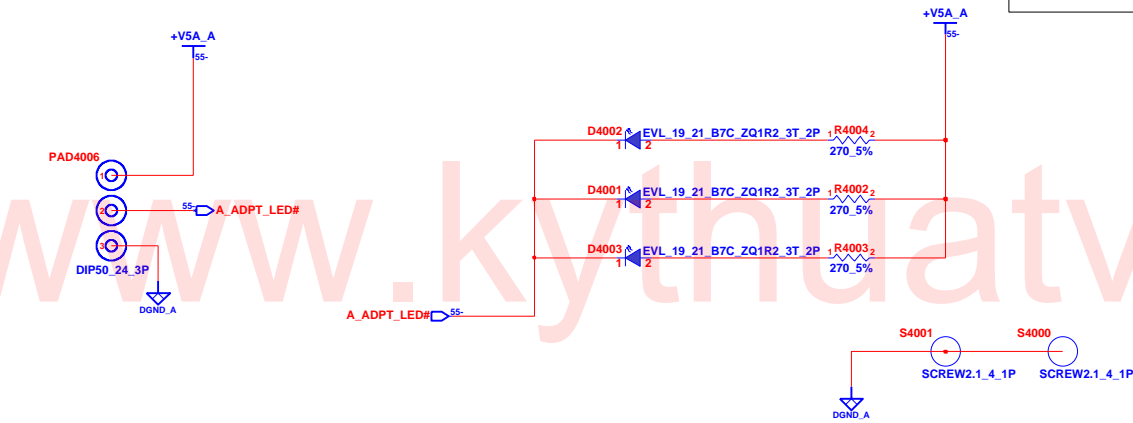


# TV ANT

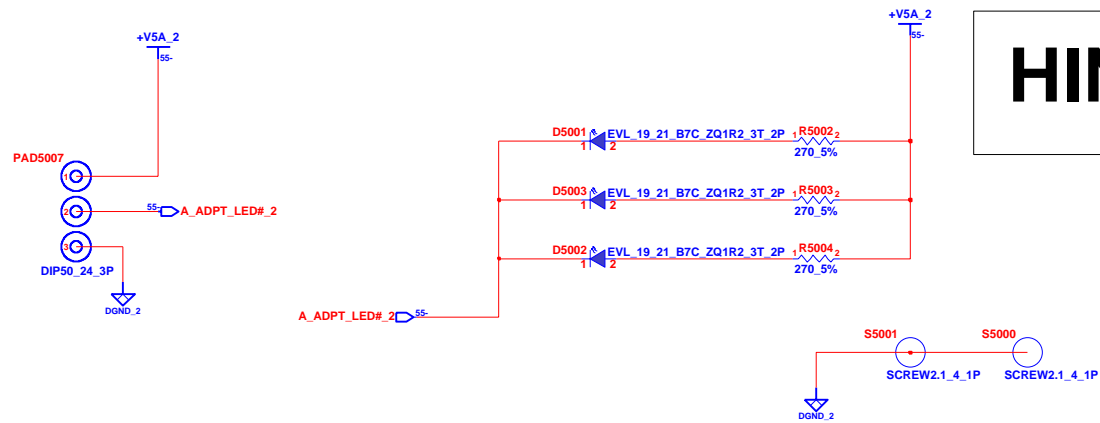


<b>INVENTEC</b>			
TITLE: KiliManjaro 2.0(Montevina) USB & TV BOARD			
SIZE: A3	CODE: CS	DOC NUMBER: 1310A2207301-0-M	REV: #02
CHANGE by: Drawer Name		6-Jun-2008	SHEET 54 OF 58

# HINGE LED Board 1



# HINGE LED Board 2



**INVENTEC**

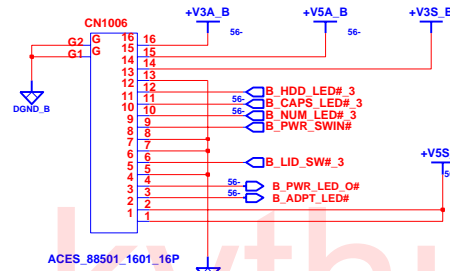
TITLE: **KiliManjaro 2.0(Montevina)**  
PowerJack BOARD

SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-M	#02

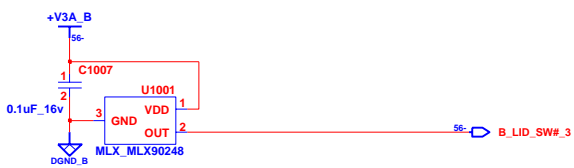
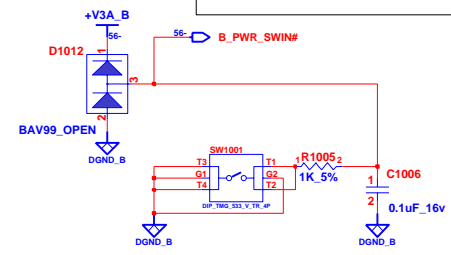
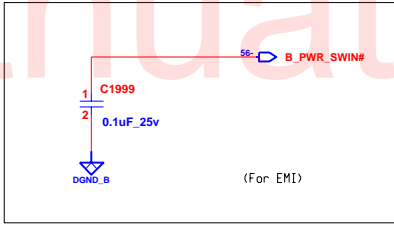
CHANGE by *Drawer Name* 6-Jun-2008

SHEET 55 OF 58

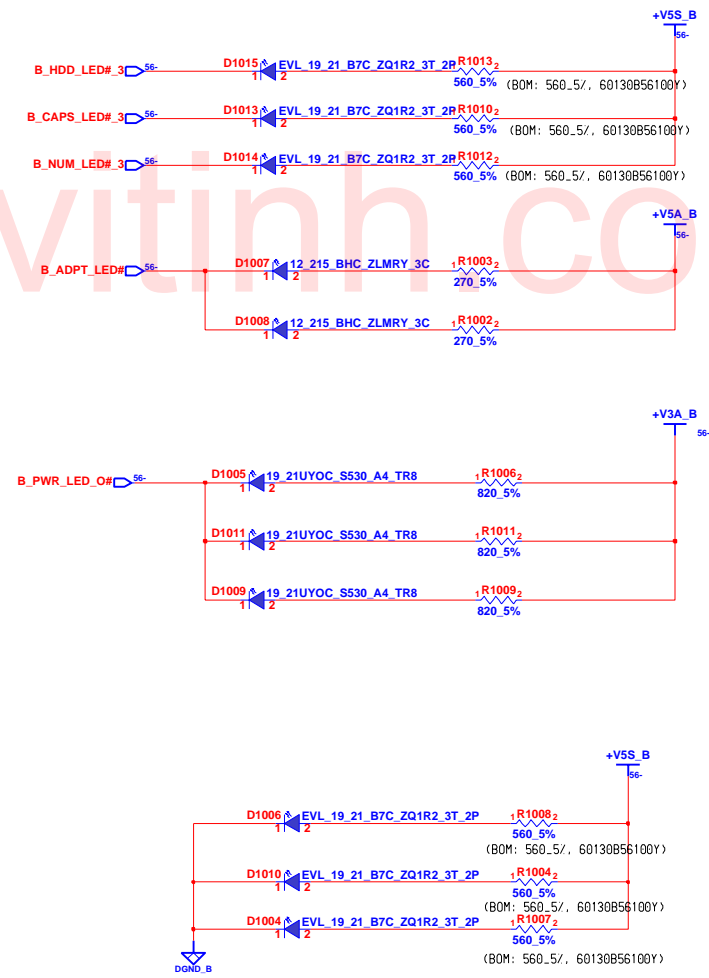
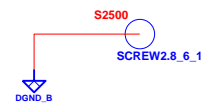
# PowerButton Board



ACES\_88501\_1601\_16P



## LID SWITCH

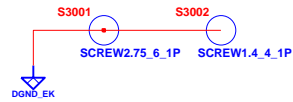
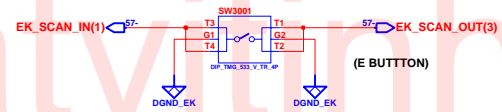
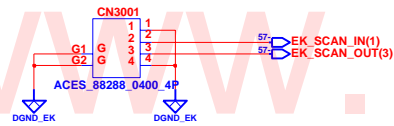


<b>INVENTEC</b>			
TITLE: KiliManjaro 2.0(Montevina) PowerButton Board			
SIZE: A3	CODE: CS	DOC NUMBER: 1310A2207301-0-3	REV: #02
CHANGE by: Drawer Name		6-Jun-2008	SHEET 56 OF 58



# E-KEY Board

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<b>INVENTEC</b>			
TITLE <b>KiliManjaro 2.0(Montevina)</b>			
E-KEY BOARD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-M	#02

CHANGE by *Drawer Name* 6-Jun-2008

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