

KiliManjaro 2.0

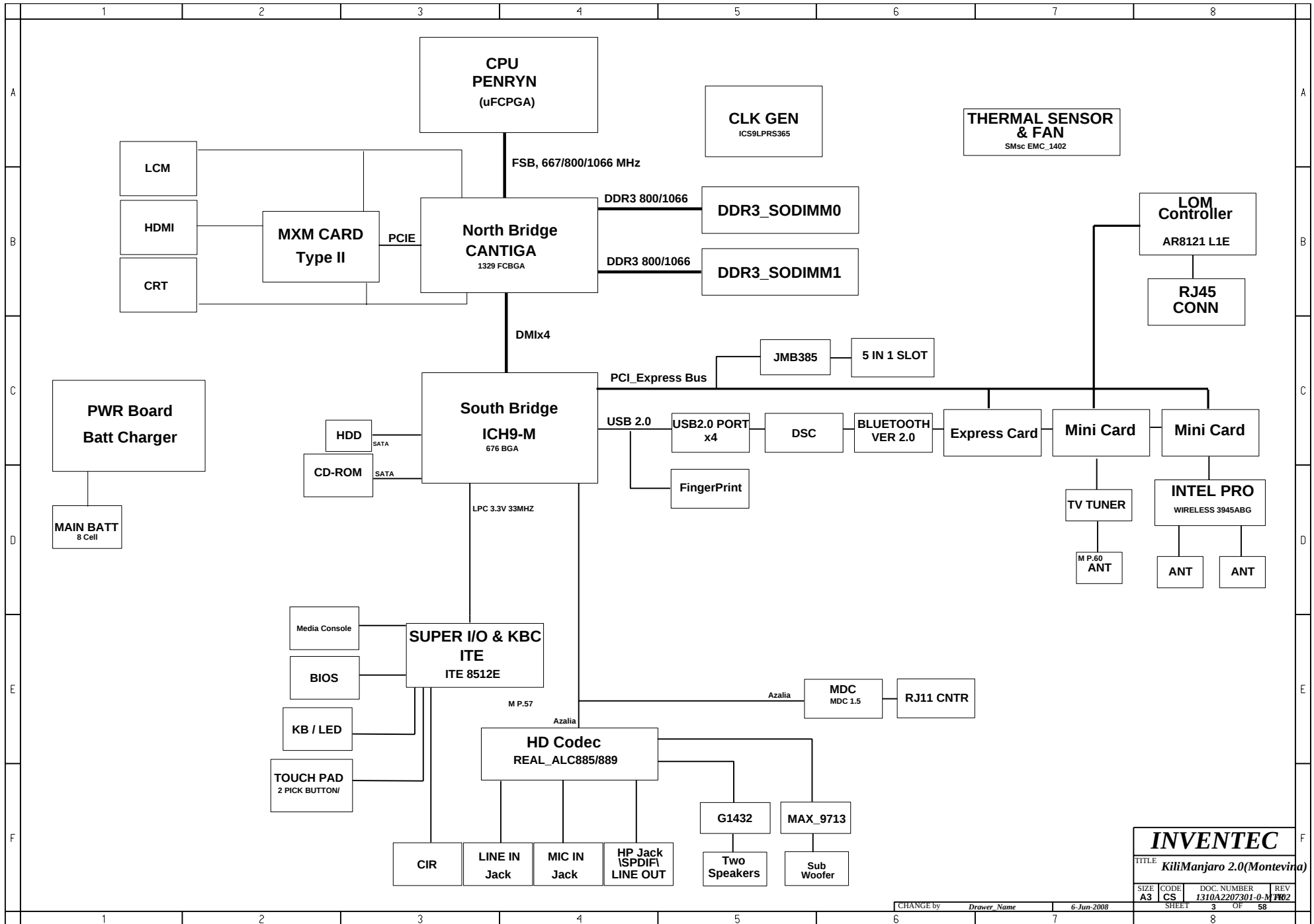
(Montevina DDR3)

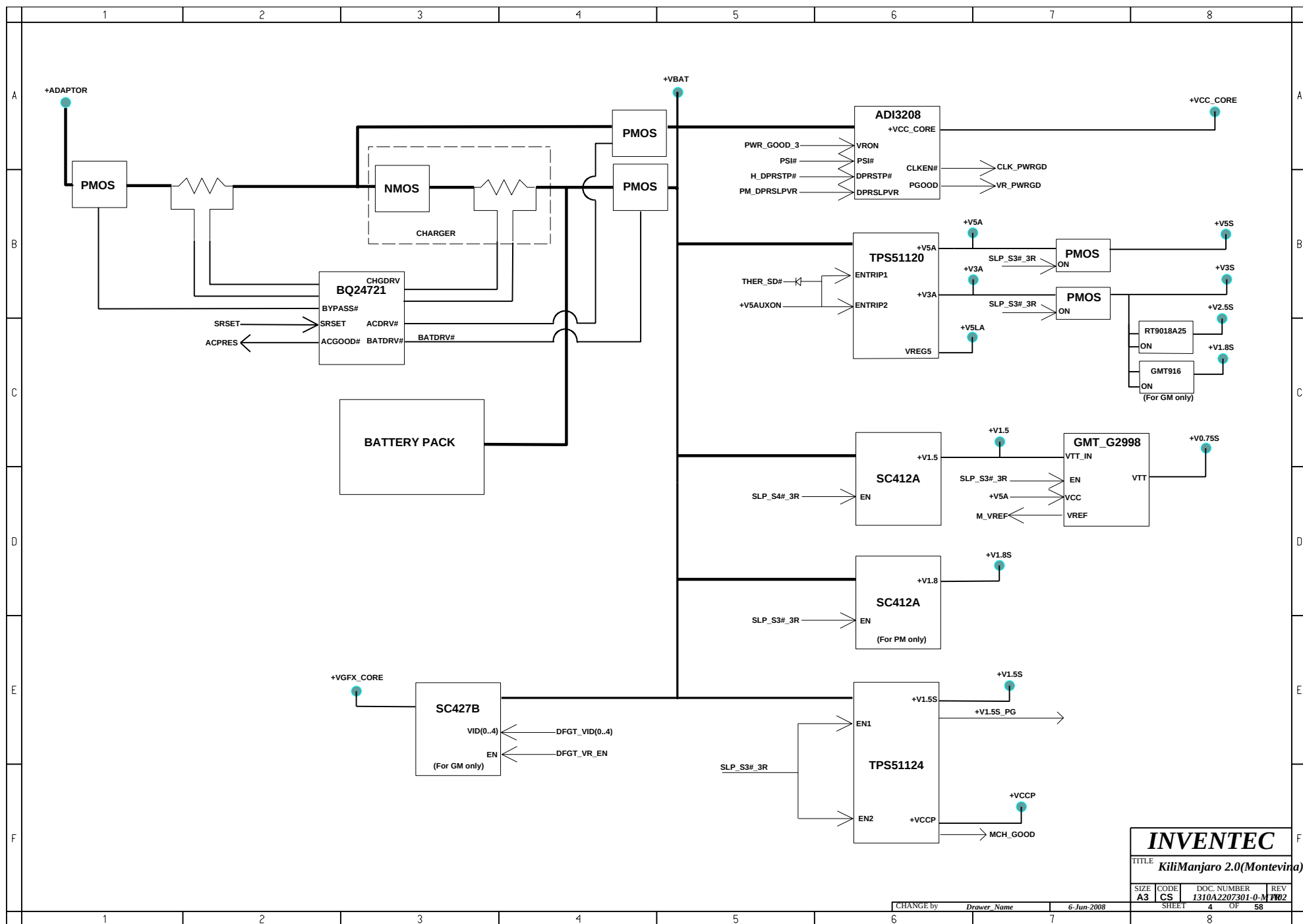
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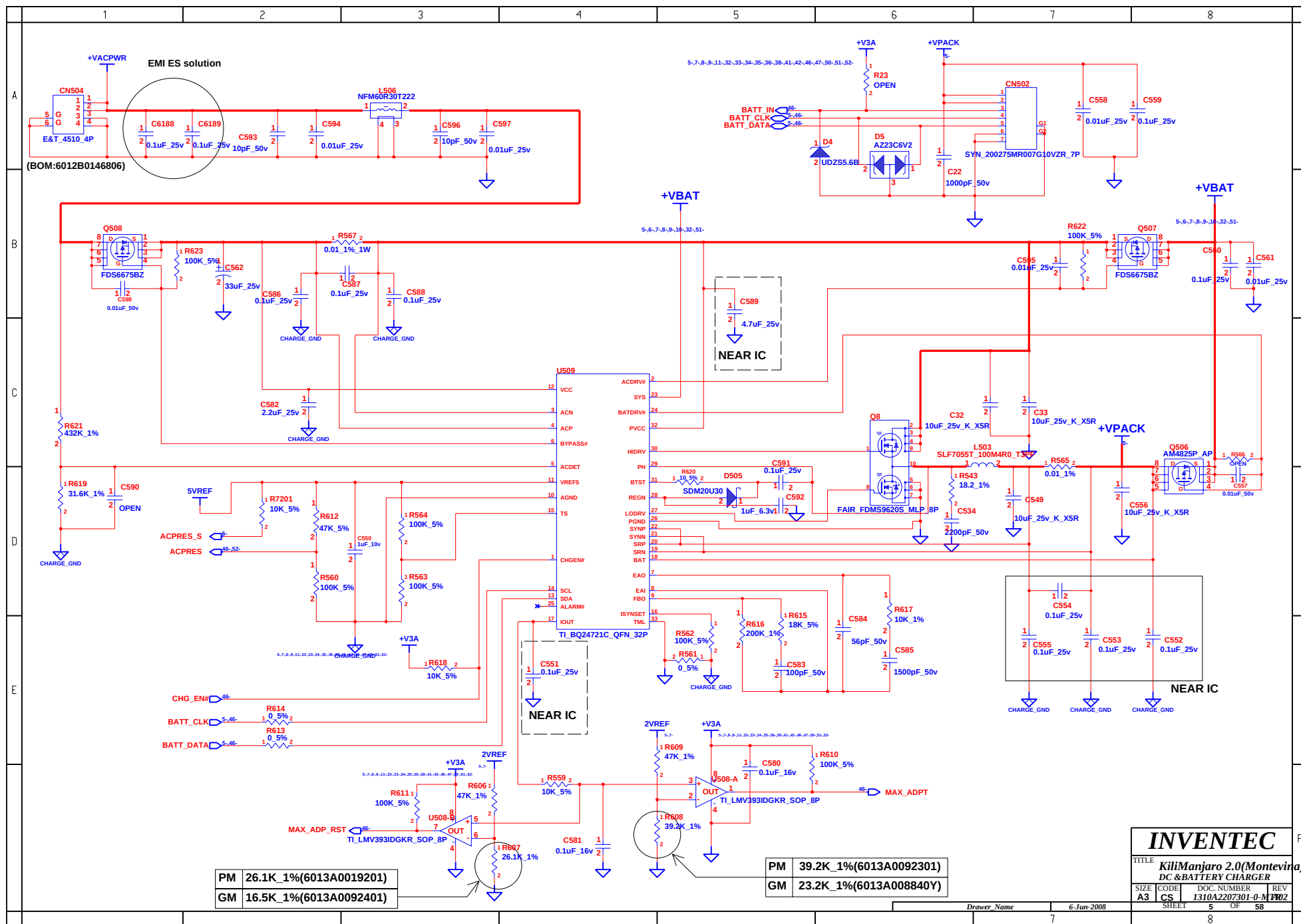
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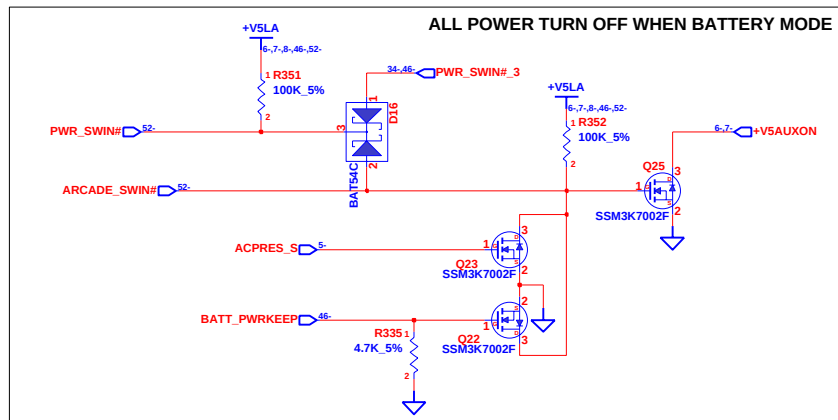
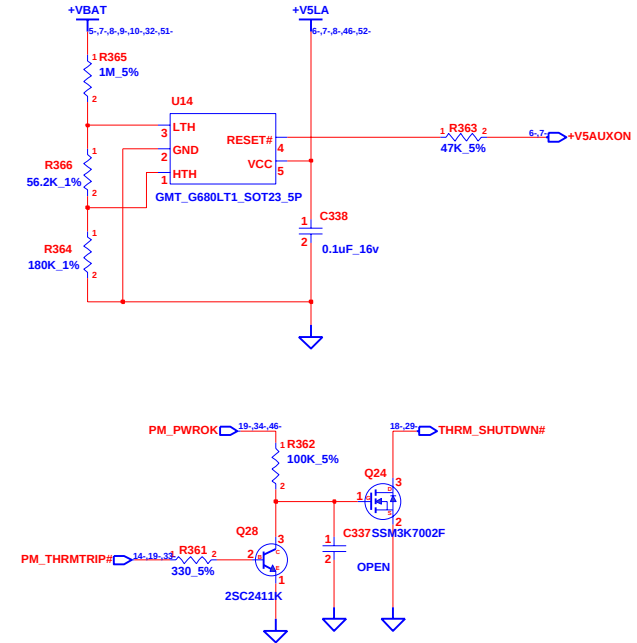
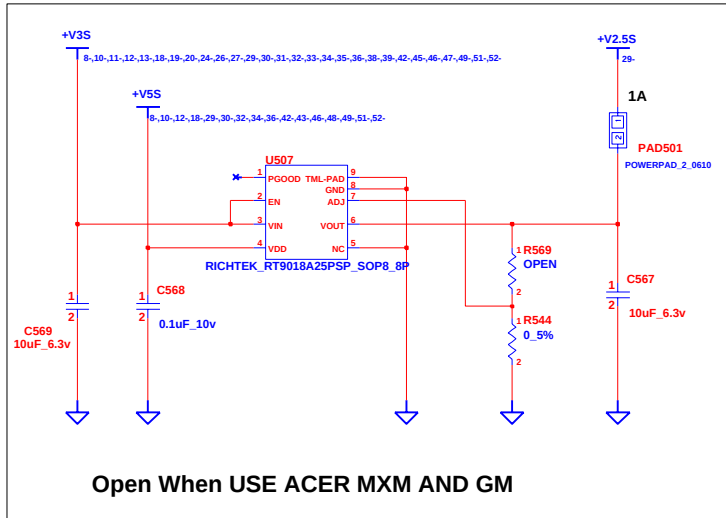
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P/N XXXXXXXXXXXX					REV		
					SHEET 1 OF 58		

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	31.HDMI CONN								
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SIZE						CODE		DOC. NUMBER	REV
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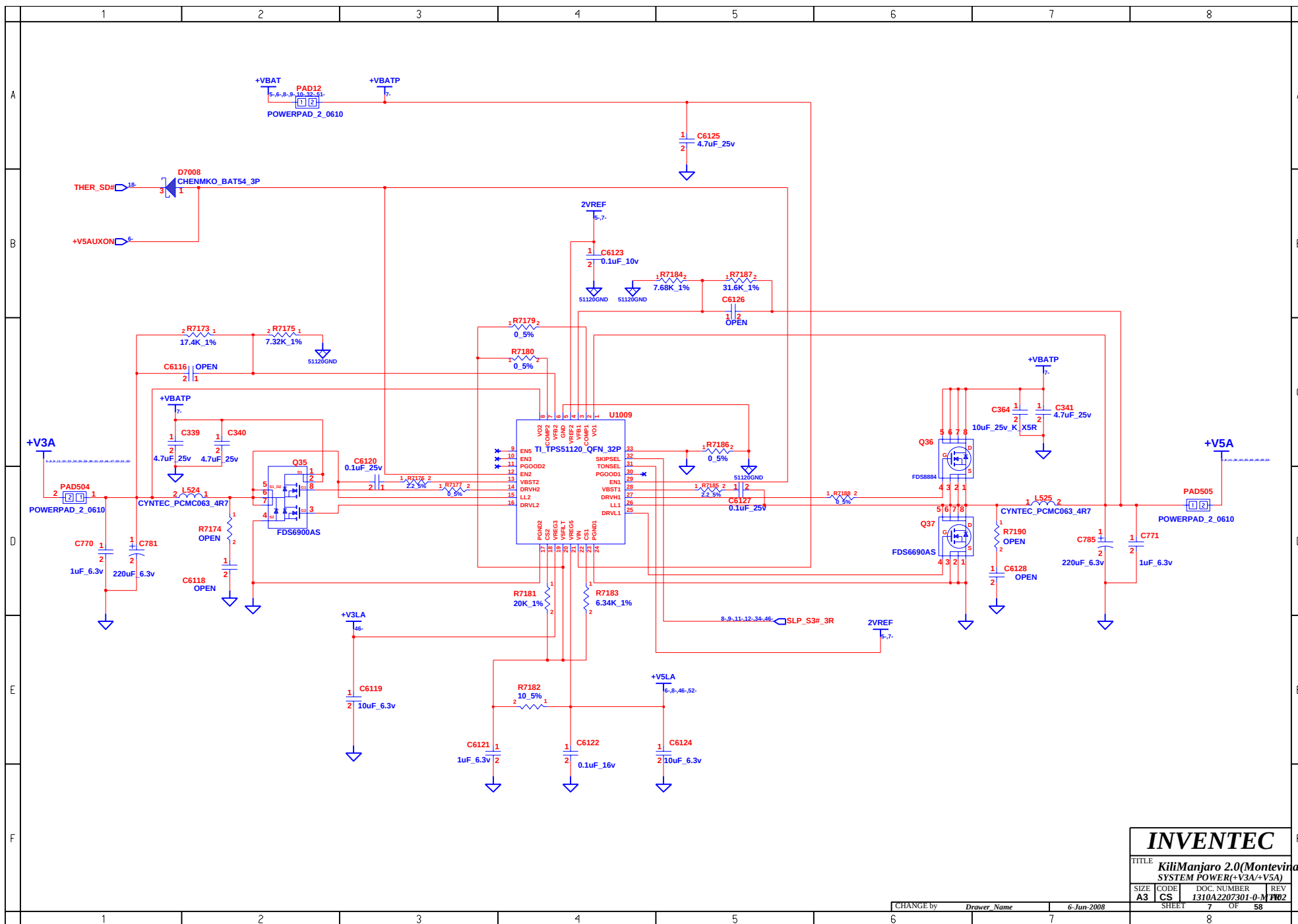




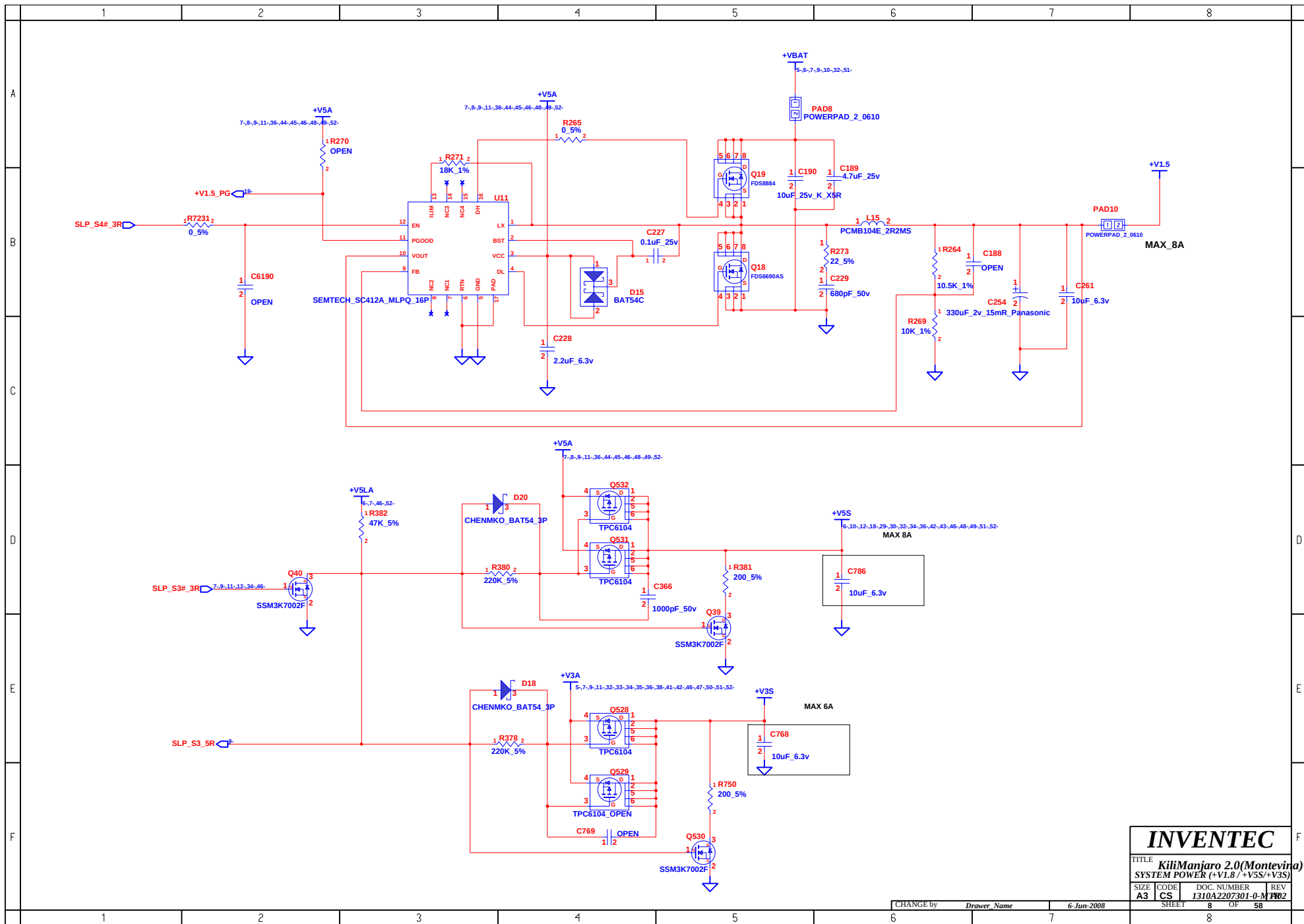




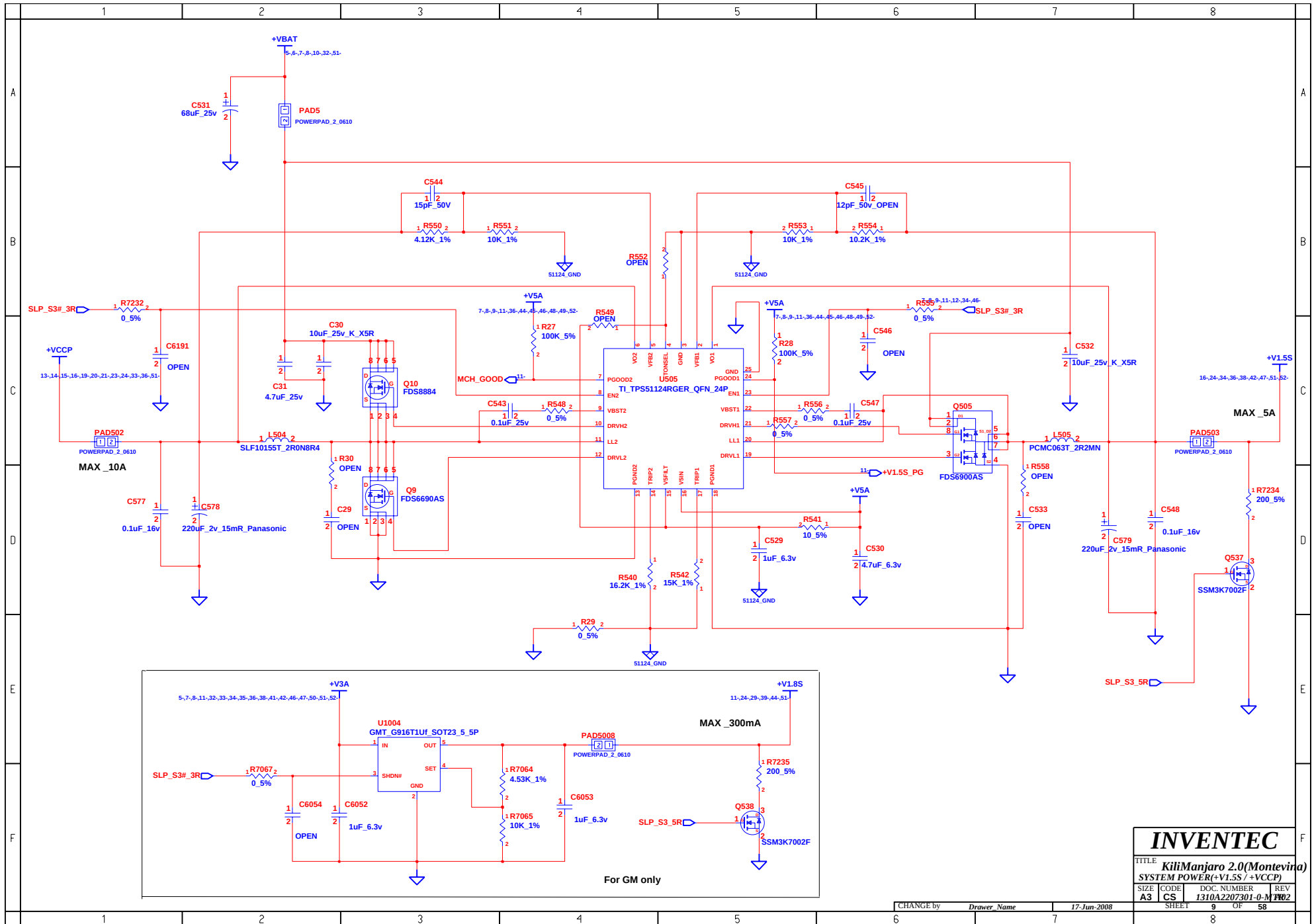
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KiliManjaro 2.0(Montevina)			
+V2.5S / RESET			
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CHANGE by		Drawer Name	6-Jun-2008
SHEET		6	OF 58



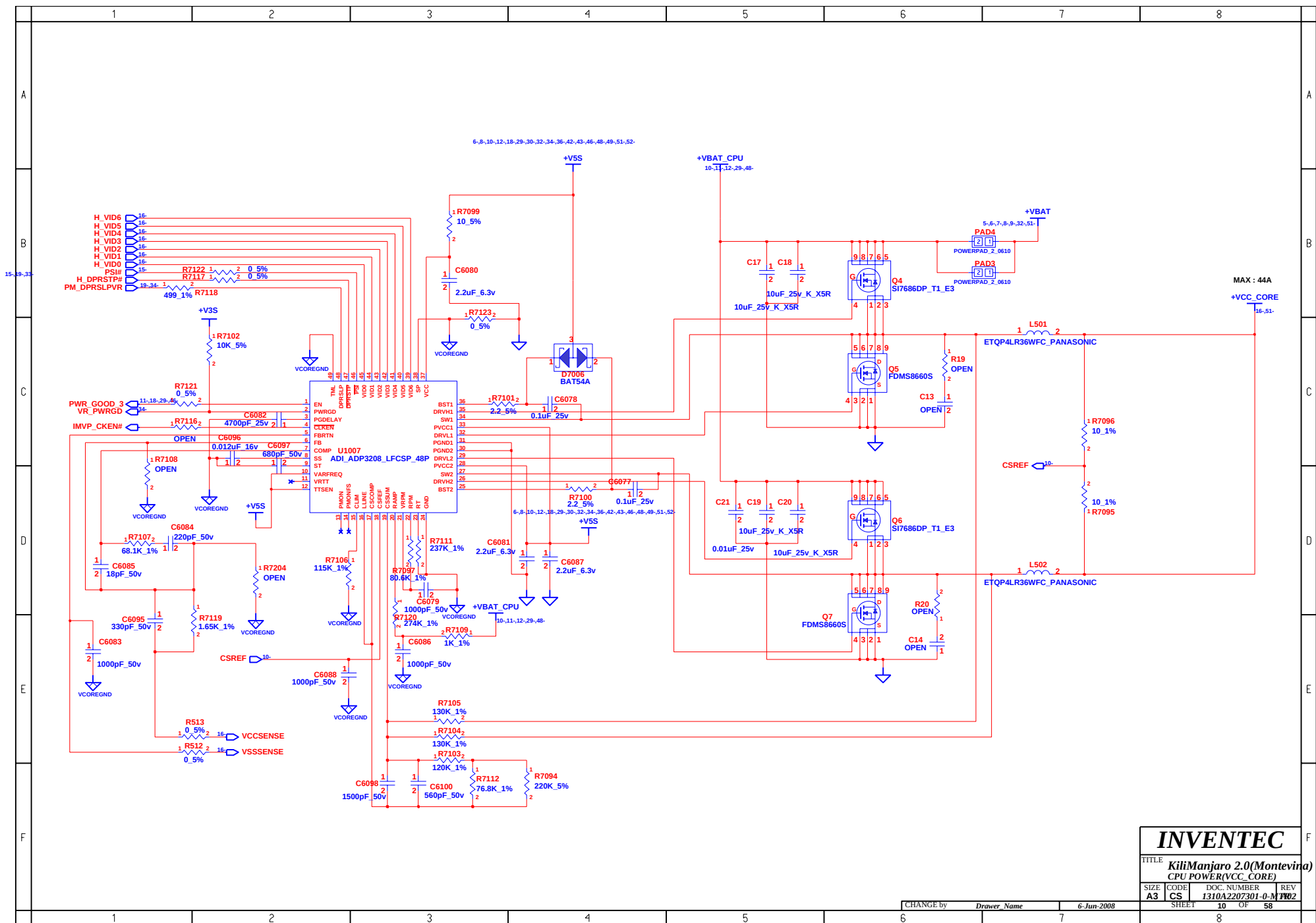
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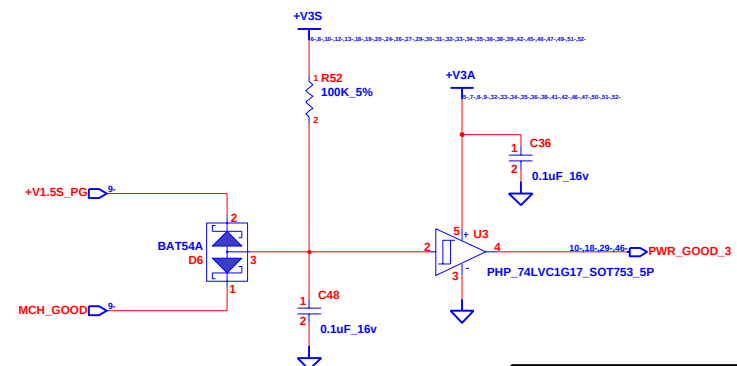
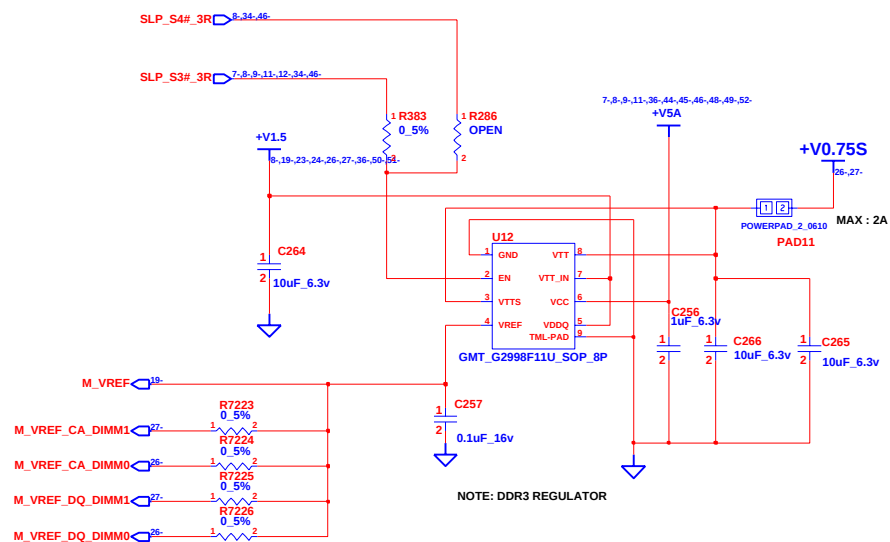
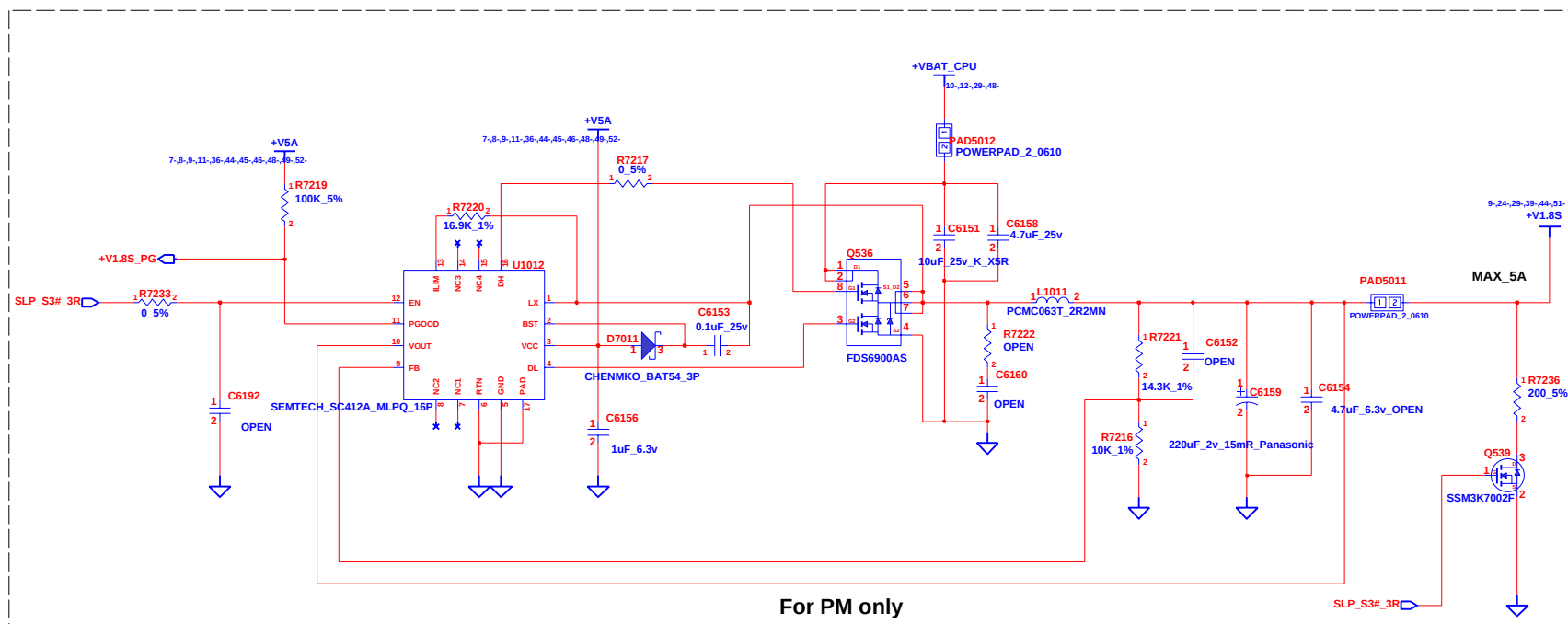


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SYSTEM POWER (+V1.8 / +VSS/+V3S)			
SIZE A3	CODE CS	DOC. NUMBER 1310A2207301-0-M	REV 02



INVENTEC					F
TITLE					
KiliManjaro 2.0(Montevina)					
SYSTEM POWER(+V1.5S / +VCCP)					
SIZE	CODE	DOC. NUMBER	REV		
A3	CS	1310A2207301-0-M	02		
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8					





INVENTEC

TITLE	<i>KiliManjaro 2.0(Montevina)</i> +V0.9S / +V1.8S / POWER GOOD
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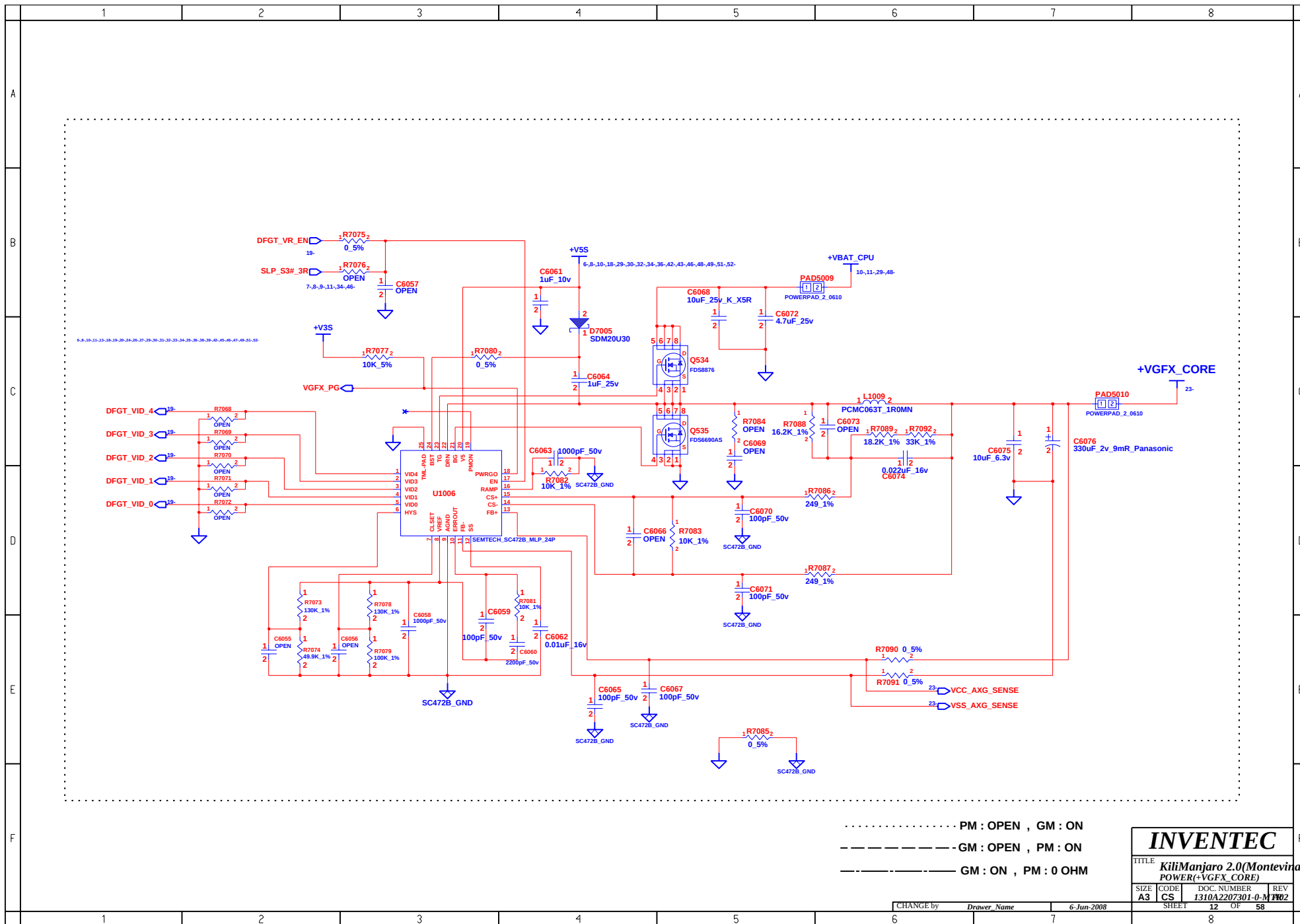
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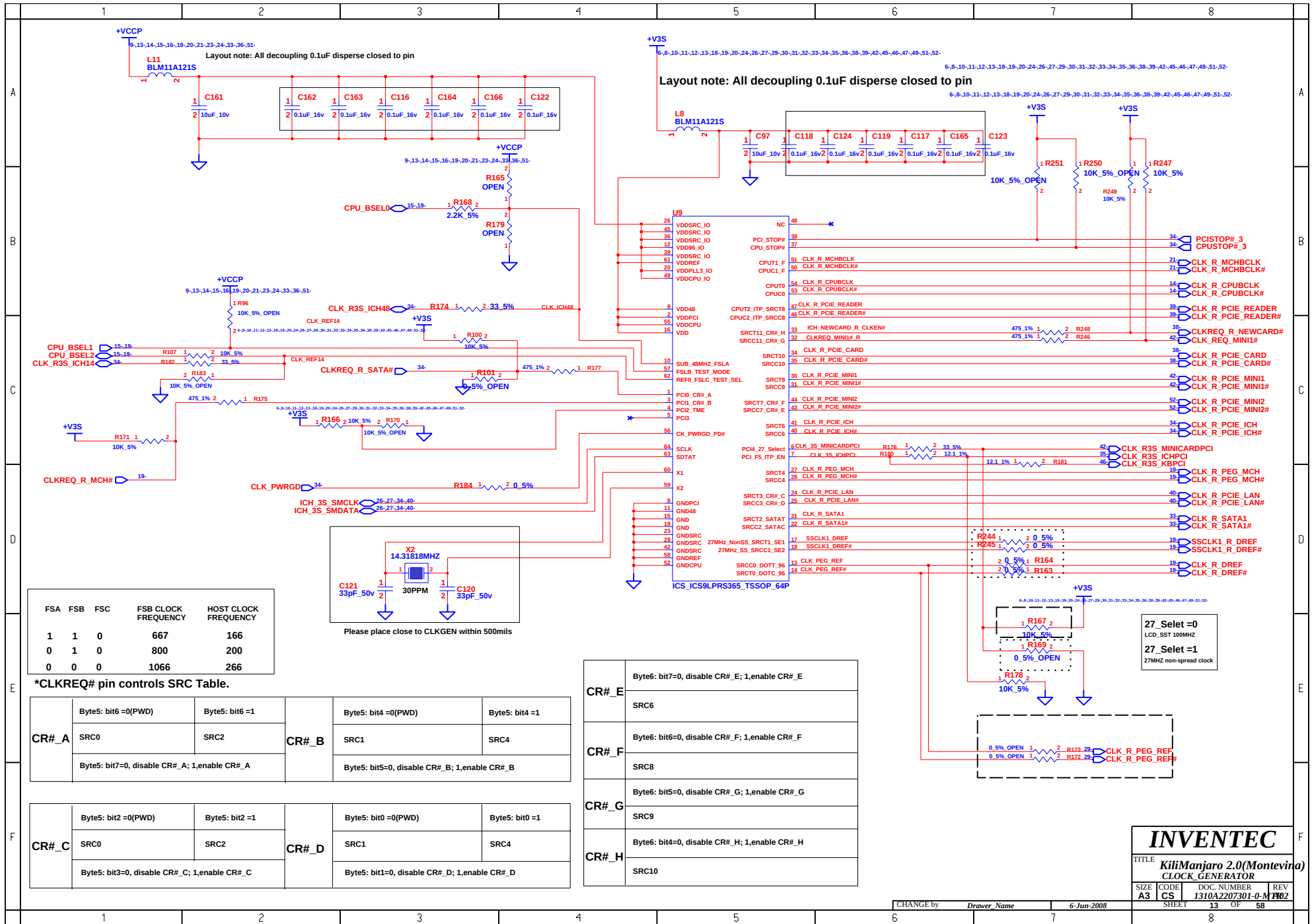
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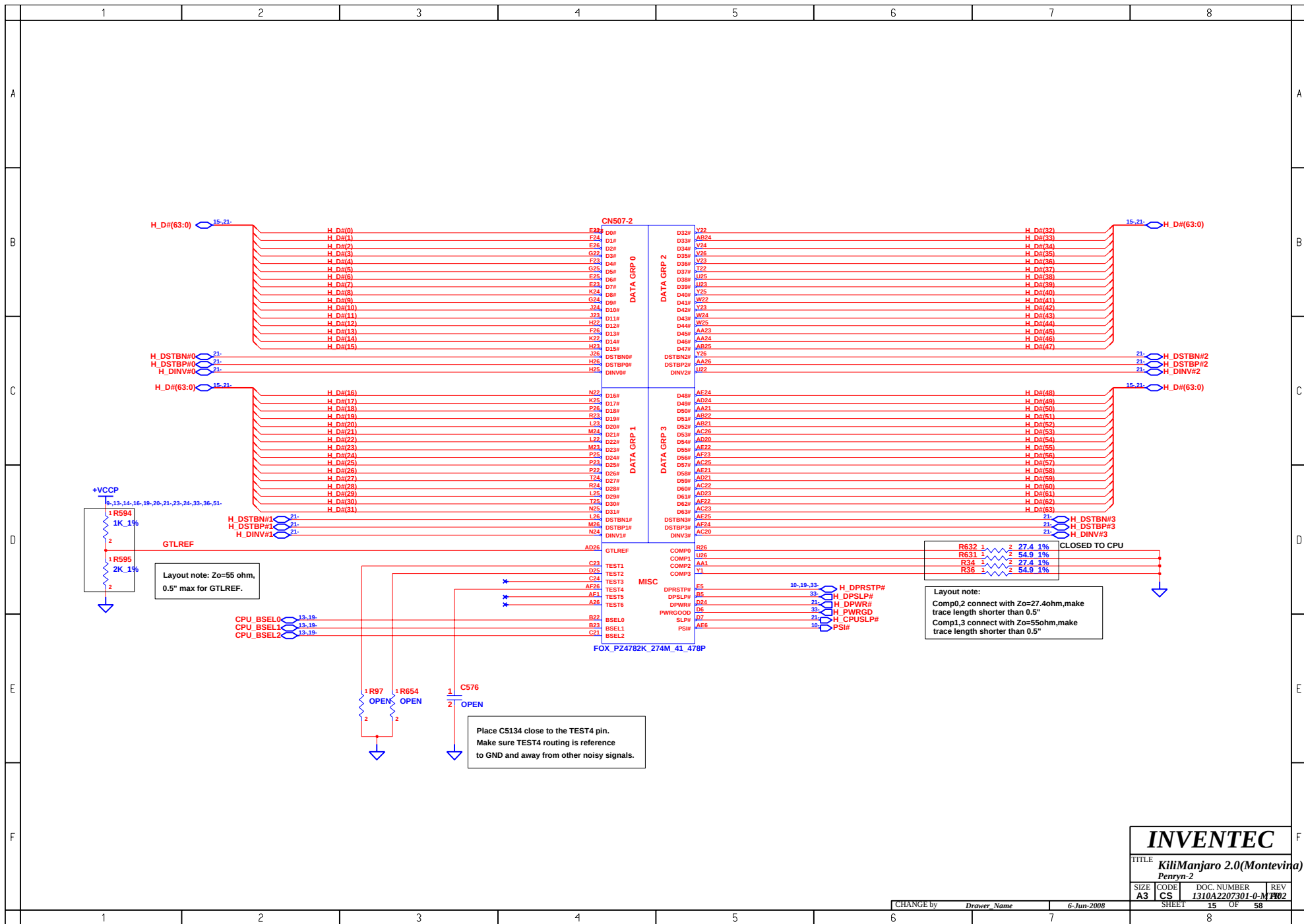
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CHANGE by	<i>Drawer Name</i>	6-Jun-2008
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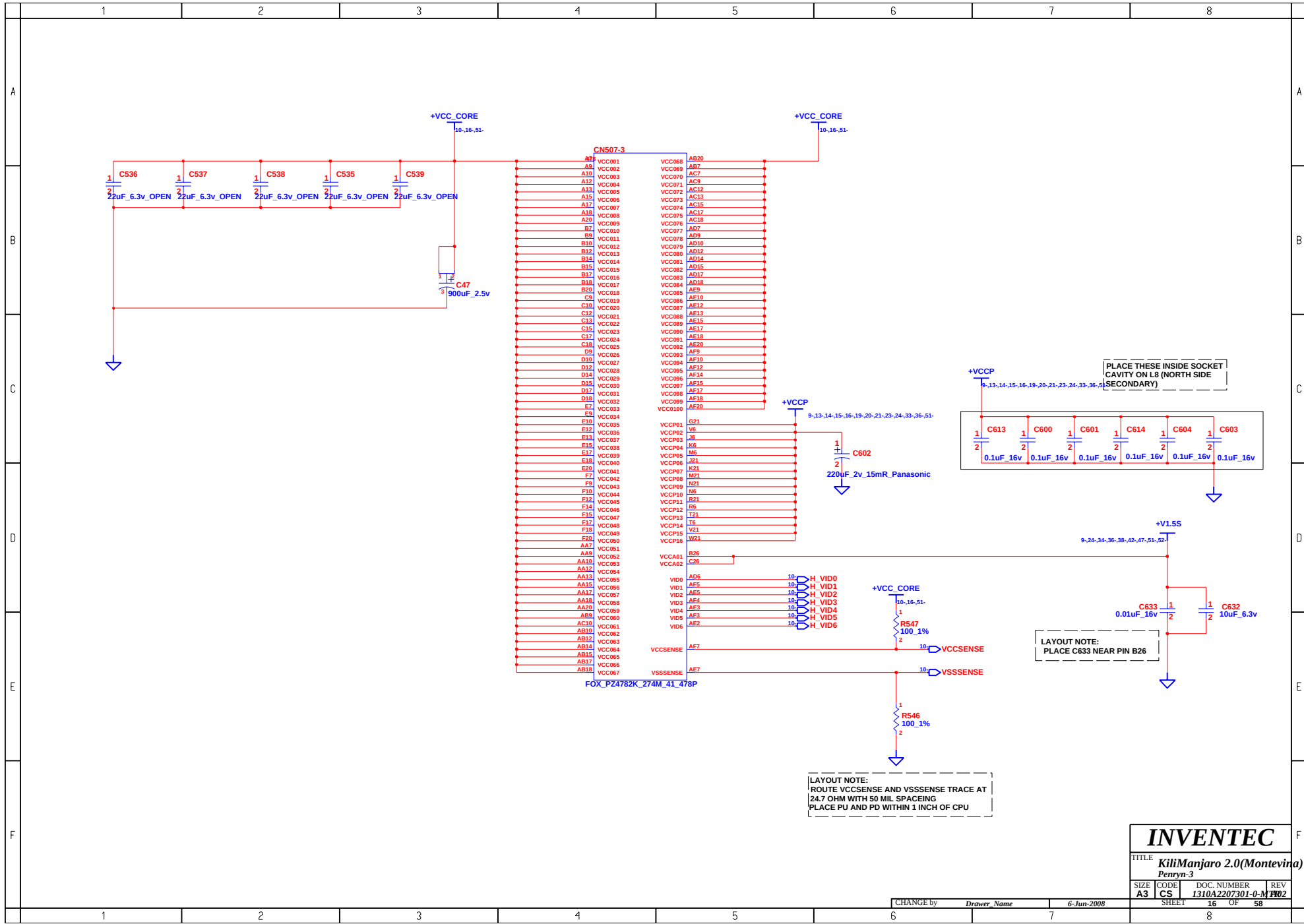
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SIZE A3	CODE CS	DOC. NUMBER 1310A2207301-0-M	REV P02
CHANGE by Drawer Name		6-Jun-2008	SHEET 15 OF 58



INVENTEC			
TITLE KiliManjaro 2.0(Montevina) Penryn-3			
SIZE A3	CODE CS	DOC. NUMBER 1310A2207301-0-M	REV P02
CHANGE by Drawer Name		6-Jun-2008	
SHEET 16		OF 58	
1		8	

Diagram illustrating the wiring connections for the **Penryn-4** system, showing a central vertical bus labeled **CN507-4** connected to various components.

The components are organized into columns labeled **A1** through **P6**, with corresponding pin numbers listed next to them. The connections are as follows:

Column	Pin	Component
A1	1	VSS001
A1	2	VSS002
A1	3	VSS003
A1	4	VSS004
A1	5	VSS005
A1	6	VSS006
A1	7	VSS007
A1	8	VSS008
A1	9	VSS009
A1	10	VSS010
A1	11	VSS011
A1	12	VSS012
A1	13	VSS013
A1	14	VSS014
A1	15	VSS015
A1	16	VSS016
A1	17	VSS017
A1	18	VSS018
A1	19	VSS019
A1	20	VSS020
A1	21	VSS021
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A1	30	VSS030
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A1	33	VSS033
A1	34	VSS034
A1	35	VSS035
A1	36	VSS036
A1	37	VSS037
A1	38	VSS038
A1	39	VSS039
A1	40	VSS040
A1	41	VSS041
A1	42	VSS042
A1	43	VSS043
A1	44	VSS044
A1	45	VSS045
A1	46	VSS046
A1	47	VSS047
A1	48	VSS048
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A1	64	VSS064
A1	65	VSS065
A1	66	VSS066
A1	67	VSS067
A1	68	VSS068
A1	69	VSS069
A1	70	VSS070
A1	71	VSS071
A1	72	VSS072
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A1	78	VSS078
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A1	80	VSS080
A1	81	VSS081
A1	82	VSS082
A1	83	VSS083
A1	84	VSS084
A1	85	VSS085
A1	86	VSS086
A1	87	VSS087
A1	88	VSS088
A1	89	VSS089
A1	90	VSS090
A1	91	VSS091
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A1	148	VSS148
A1	149	VSS149
A1	150	VSS150
A1	1	

INVENTEC

TITLE

KiliManjaro 2.0(Montevina)

Penryn-4

SIZE

A3

CODE

CS

DOC. NUMBER

1310A2207301-0-M

REV

102

CHANGE by

Drawer Name

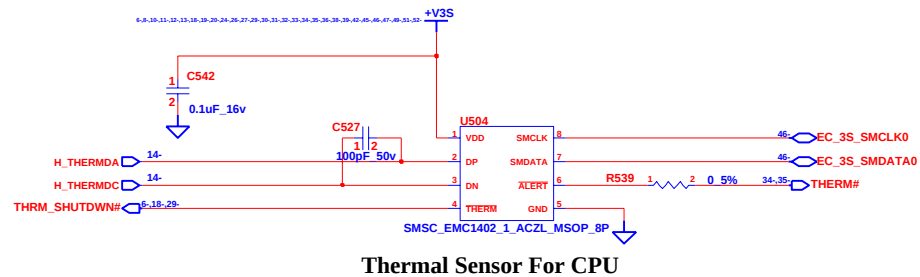
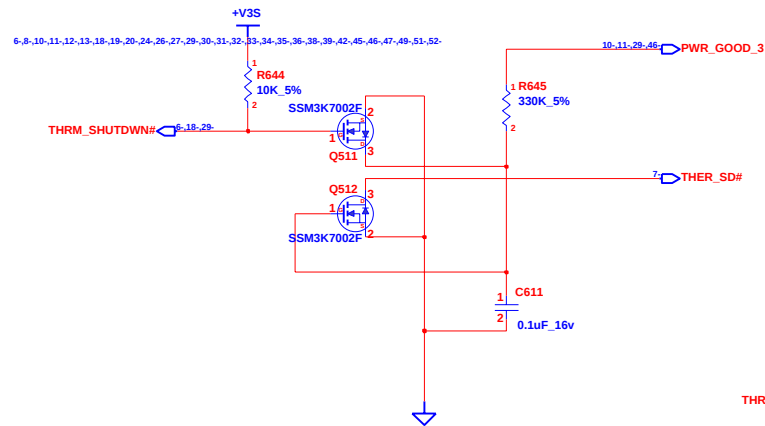
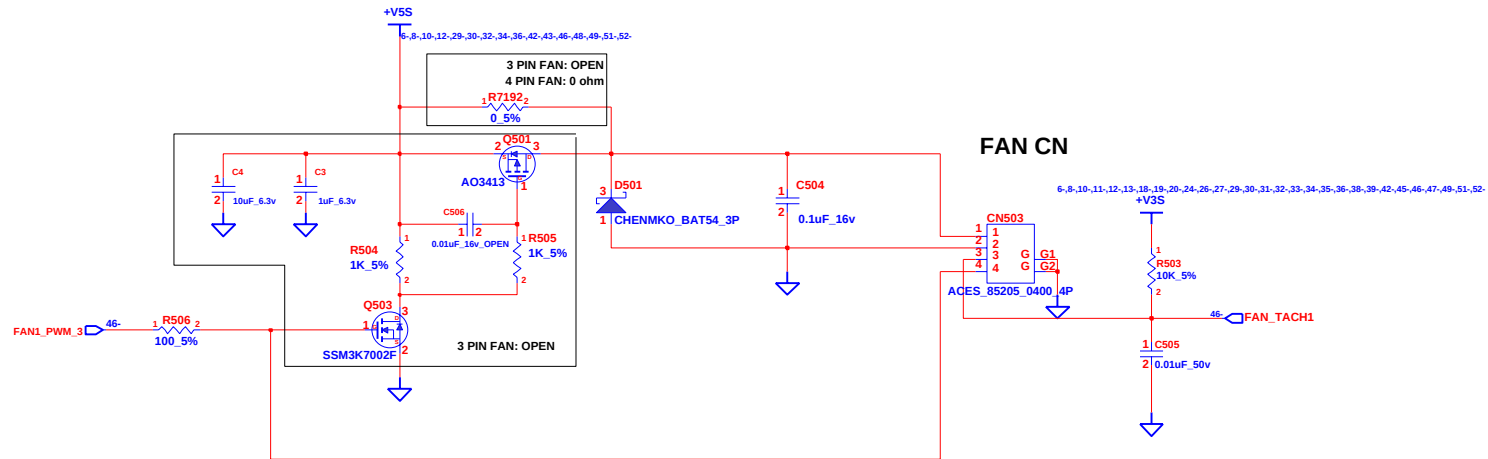
6-Jun-2008

SHEET

17

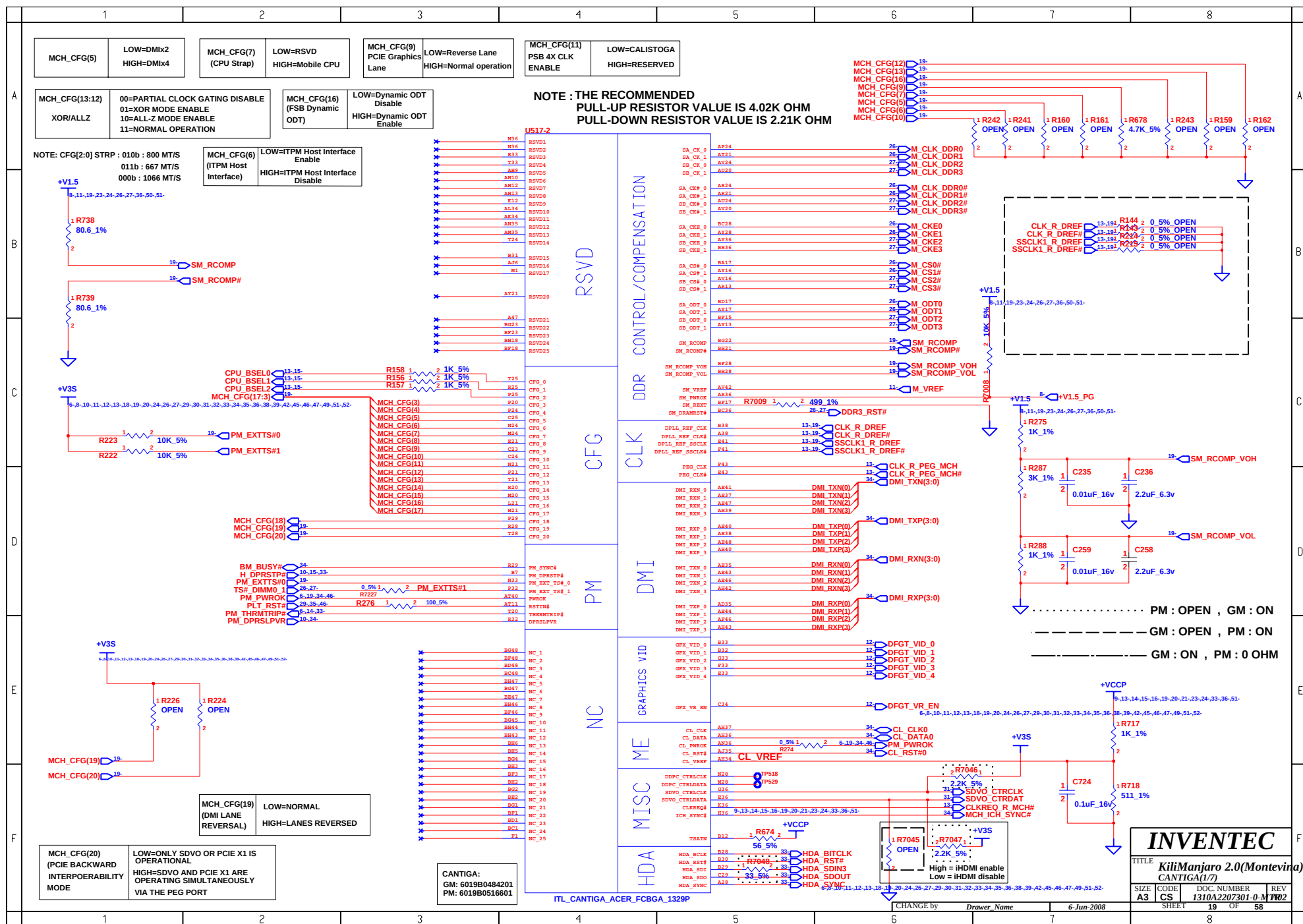
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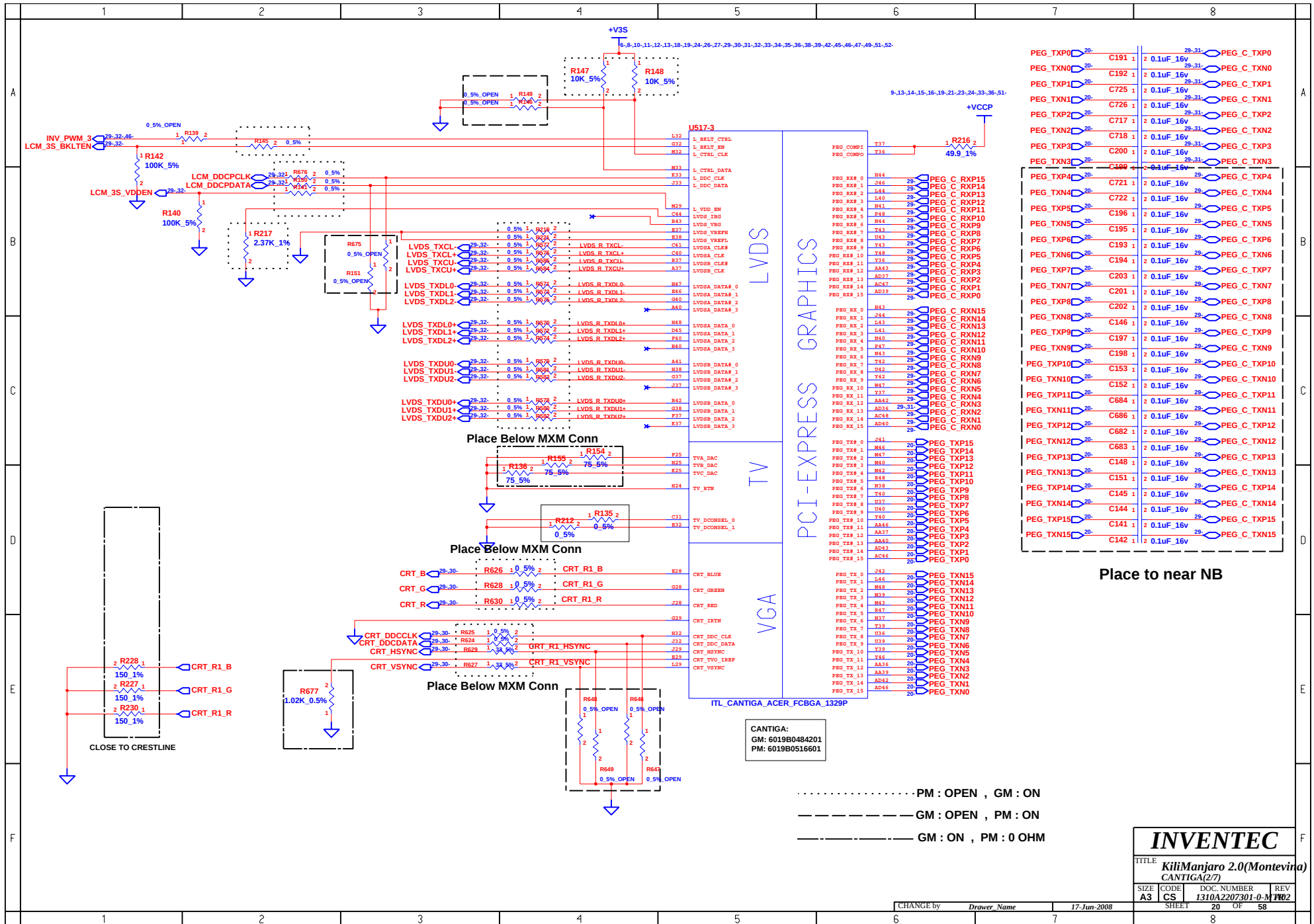
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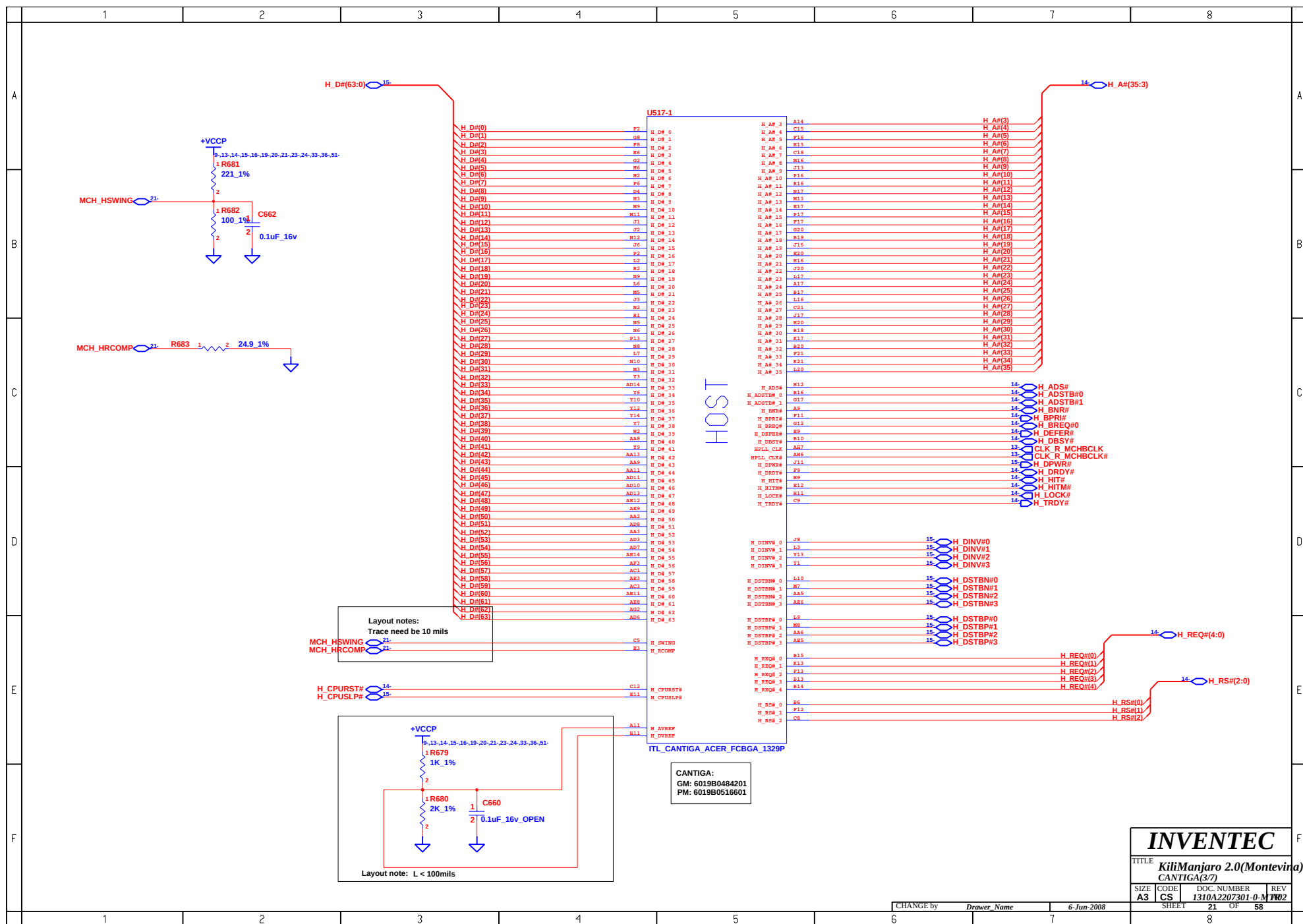


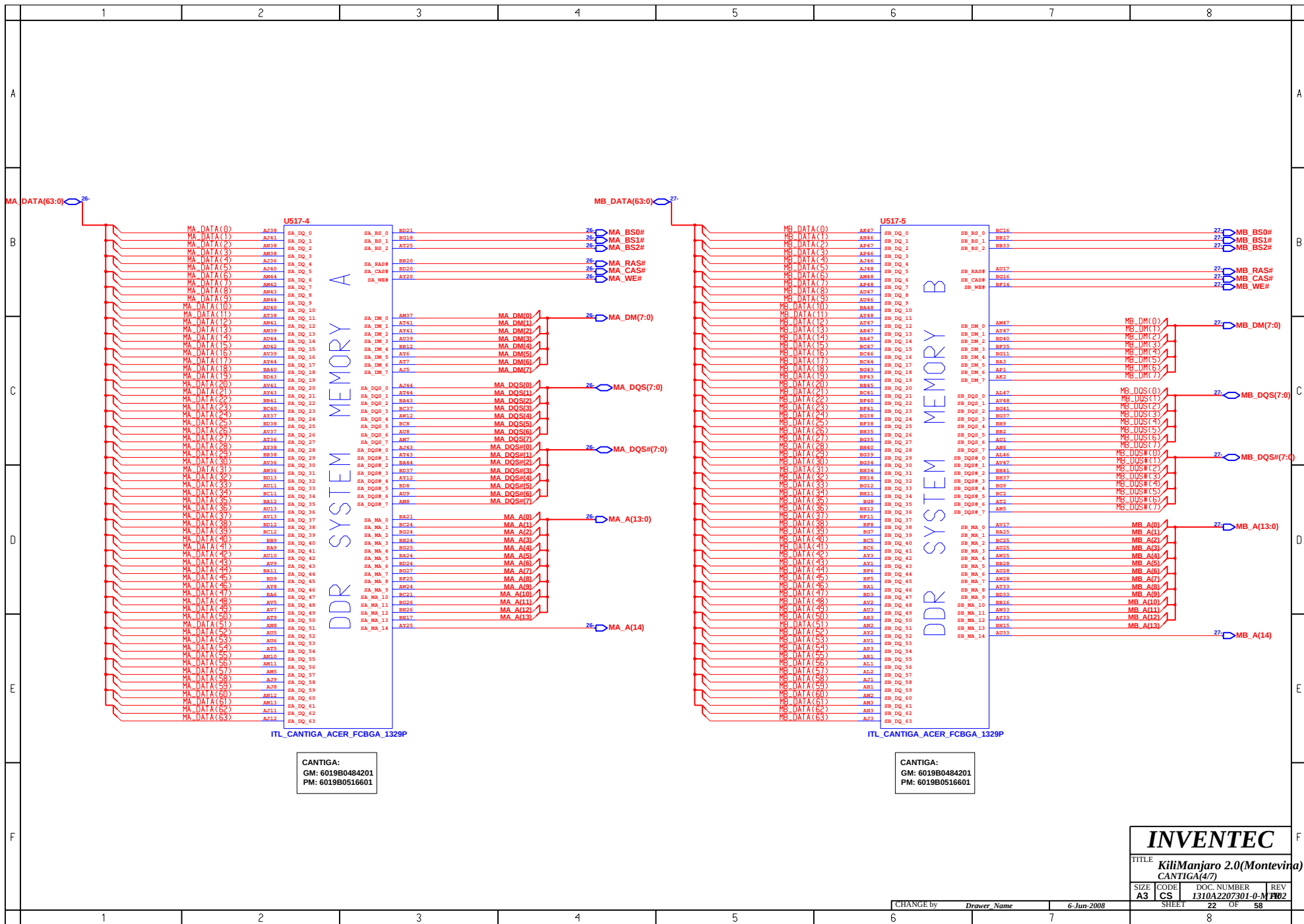
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THERMAL&FAN CONTROLLER			
SIZE A3	CODE CS	DOC. NUMBER 1310A2207301-0-M	REV 02
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CHANGE by Draover Name 6-Jun-2008





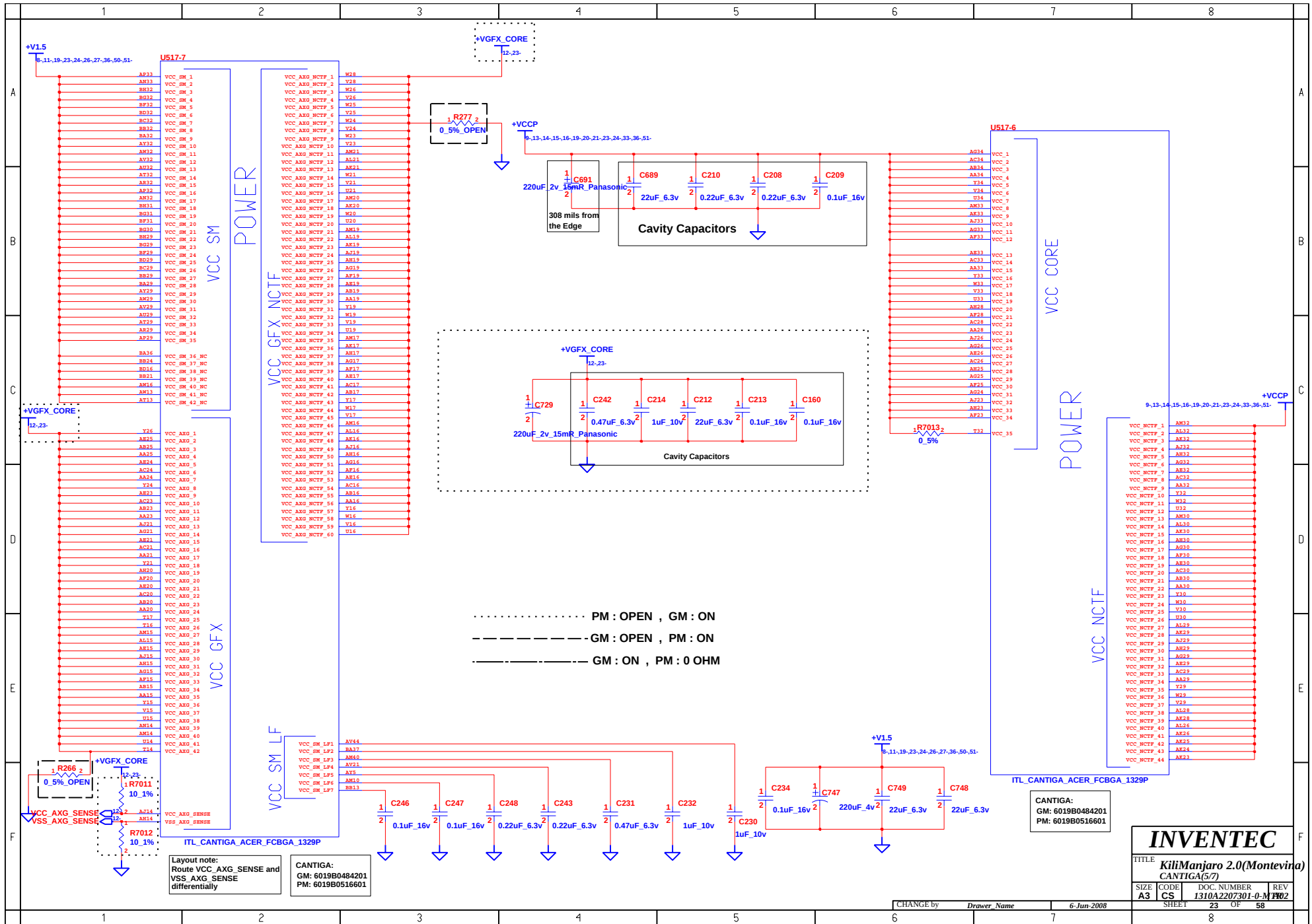


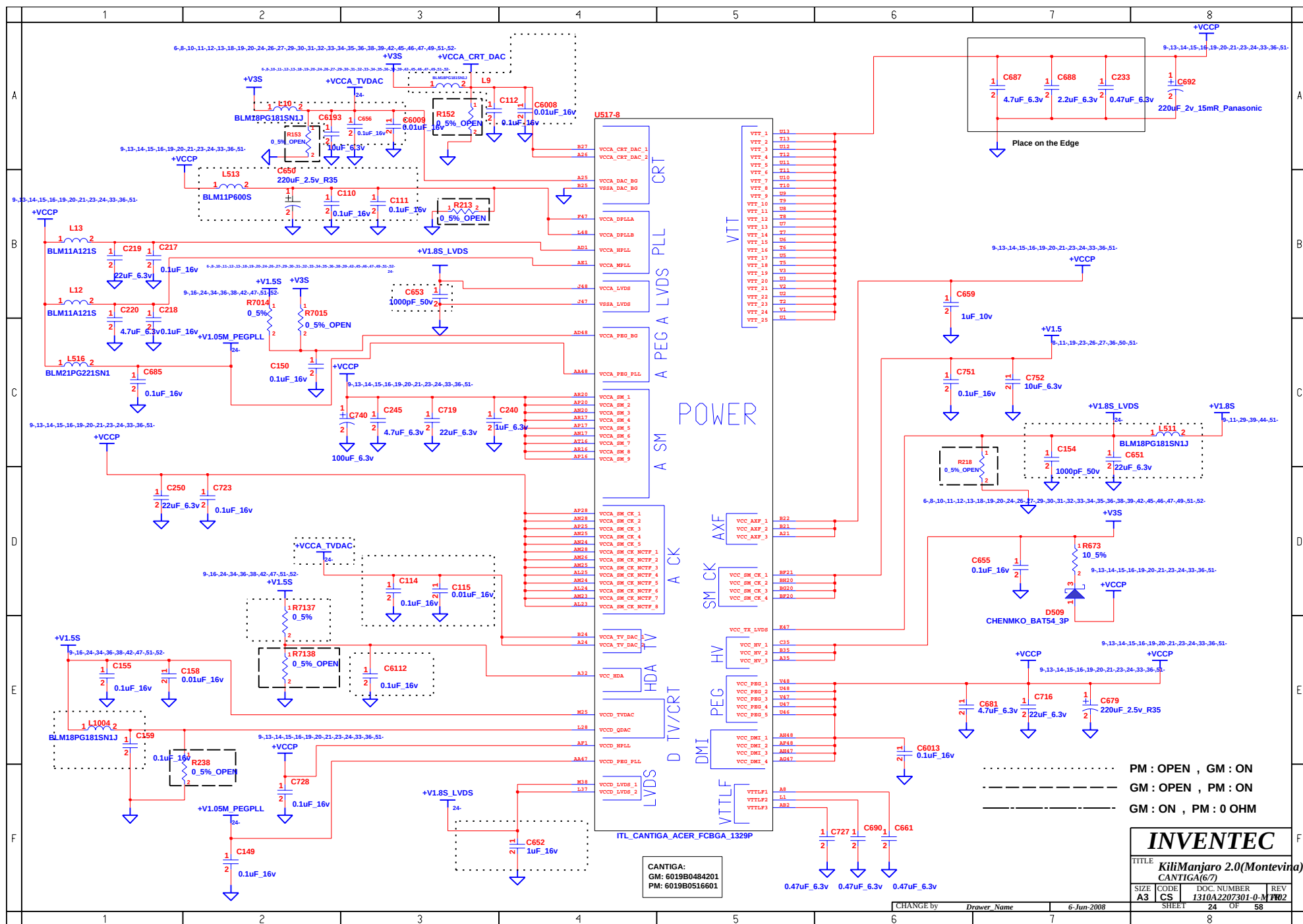


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CANTIGA:
GM: 6019B0484201
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SIZE A3	CODE CS	DOC. NUMBER 1310A2207301-0-M	REV P02
CHANGE by		Drawn Name	6-Jun-2008
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	1	2	3	4	5	6	7	8							
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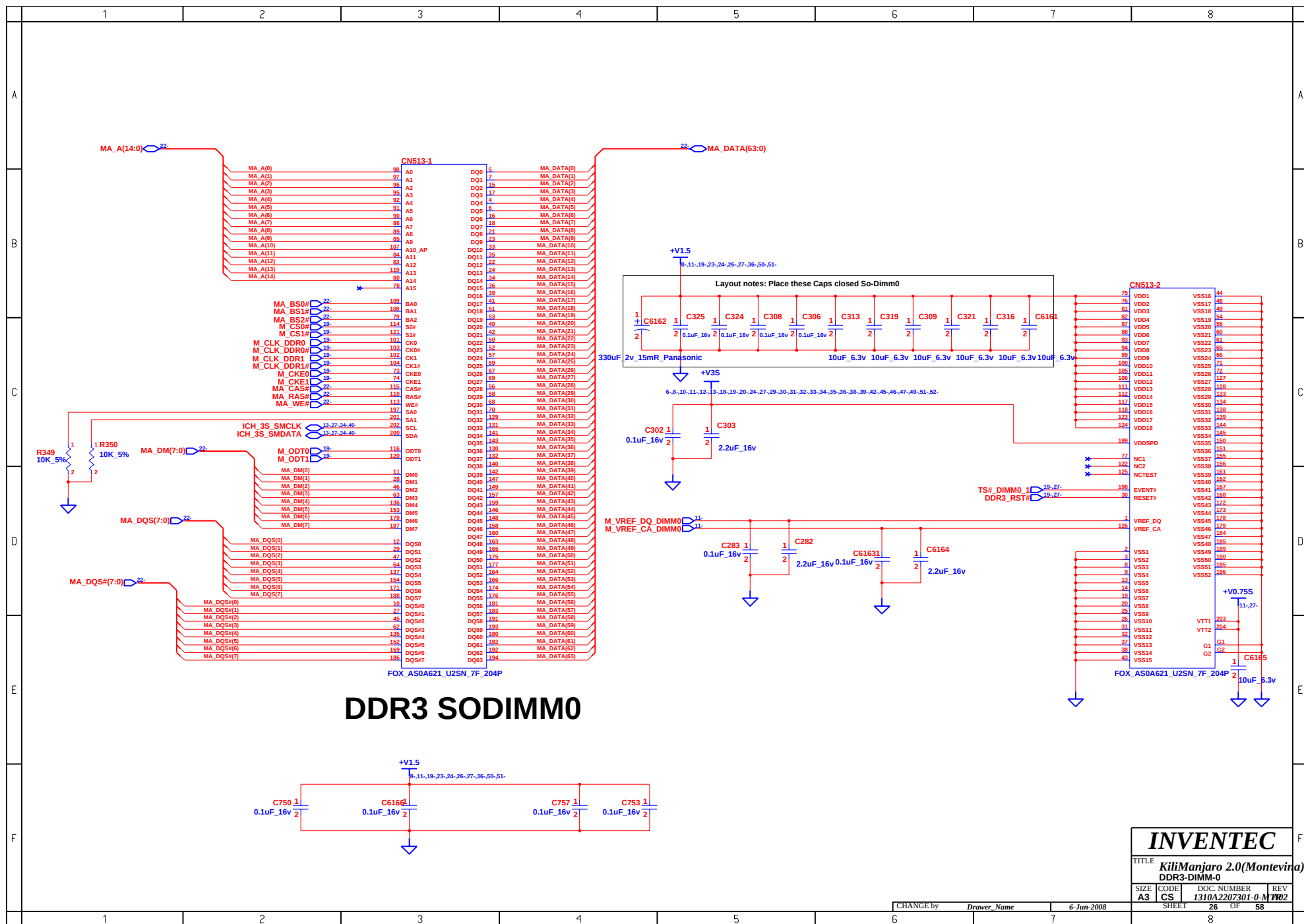
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TITLE
KiliManjaro 2.0(Montevina)

CANTIGA(7/7)

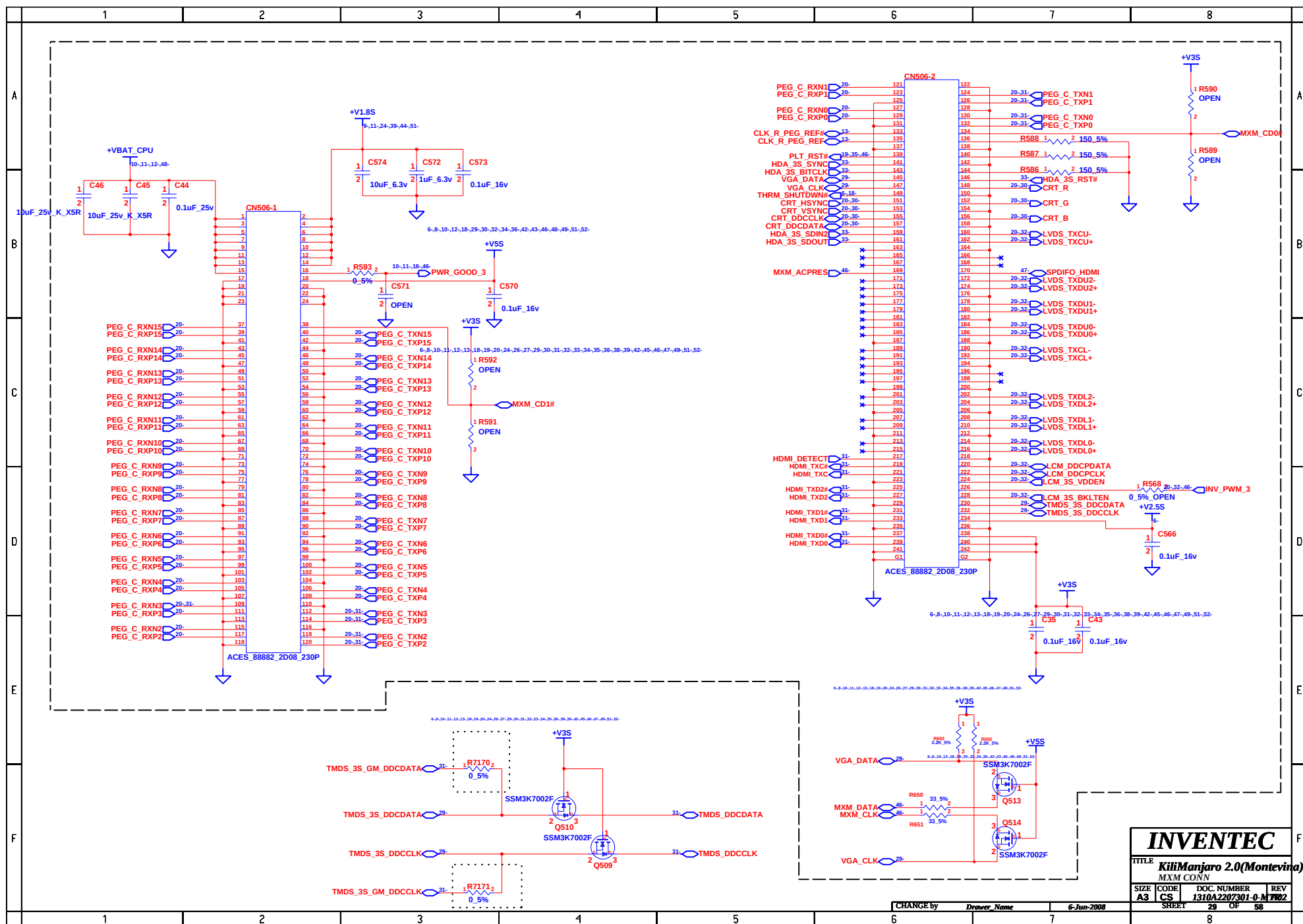
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A3 CS 1310A2207301-0-M 702

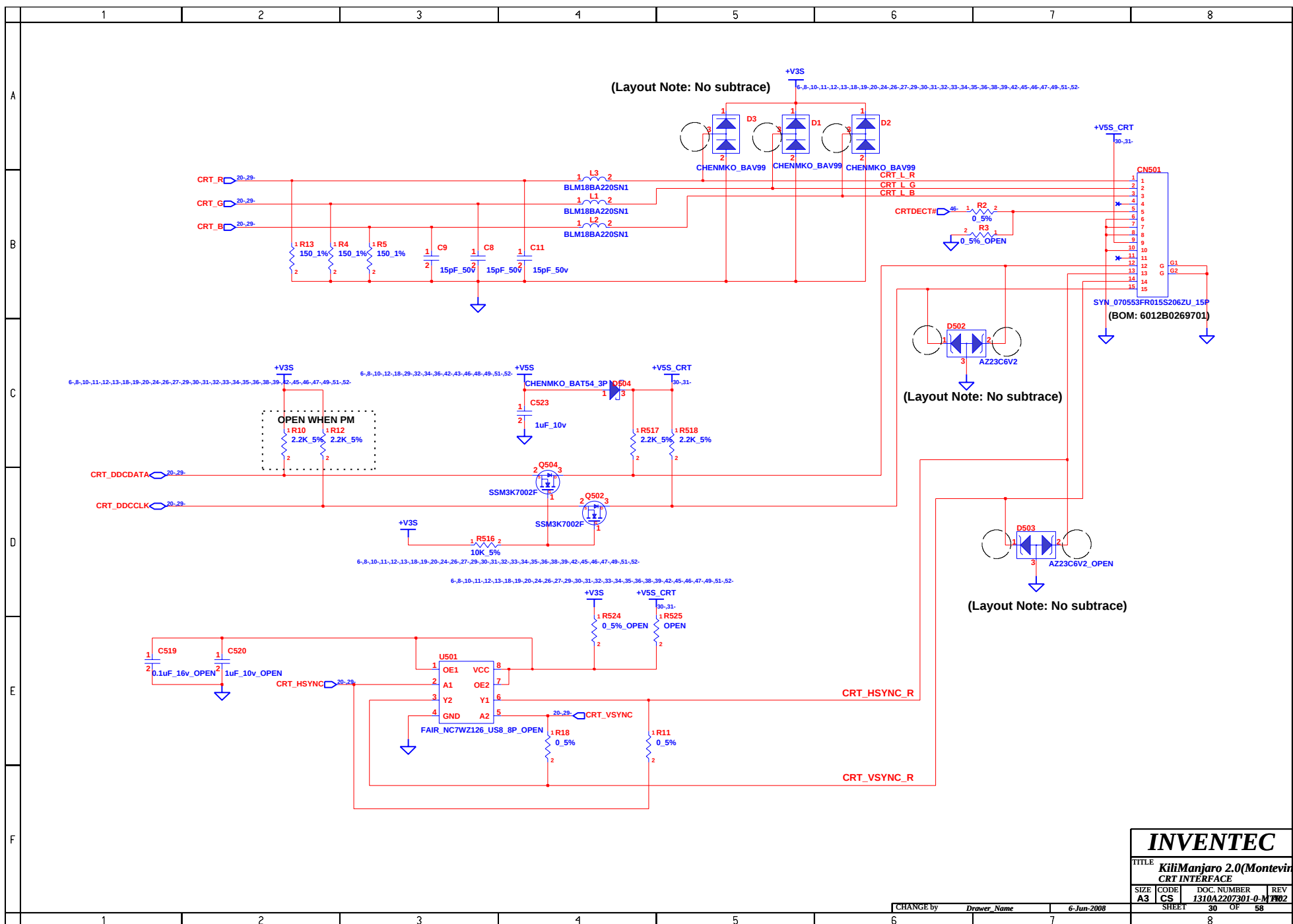
SHEET 25 OF 58

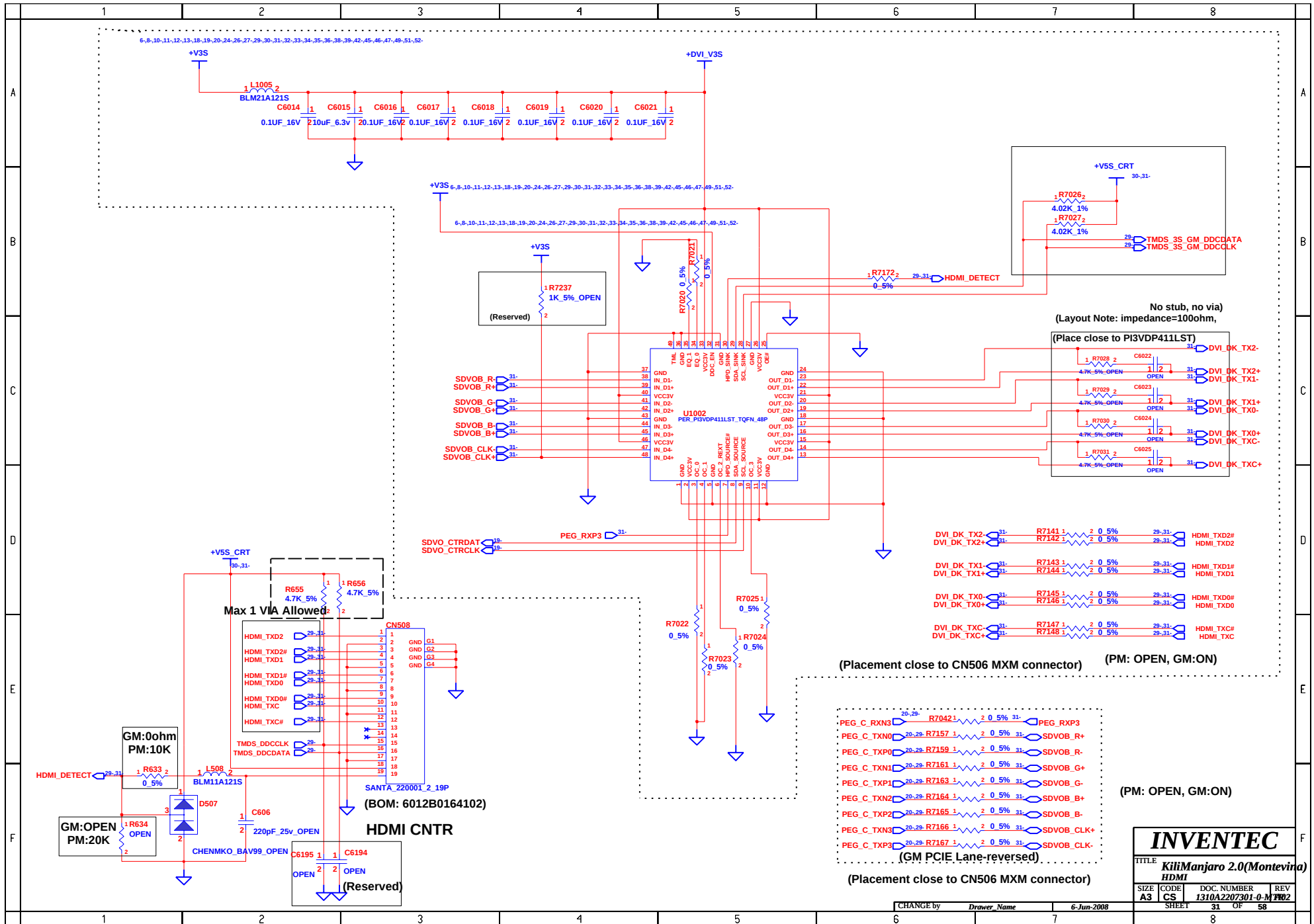


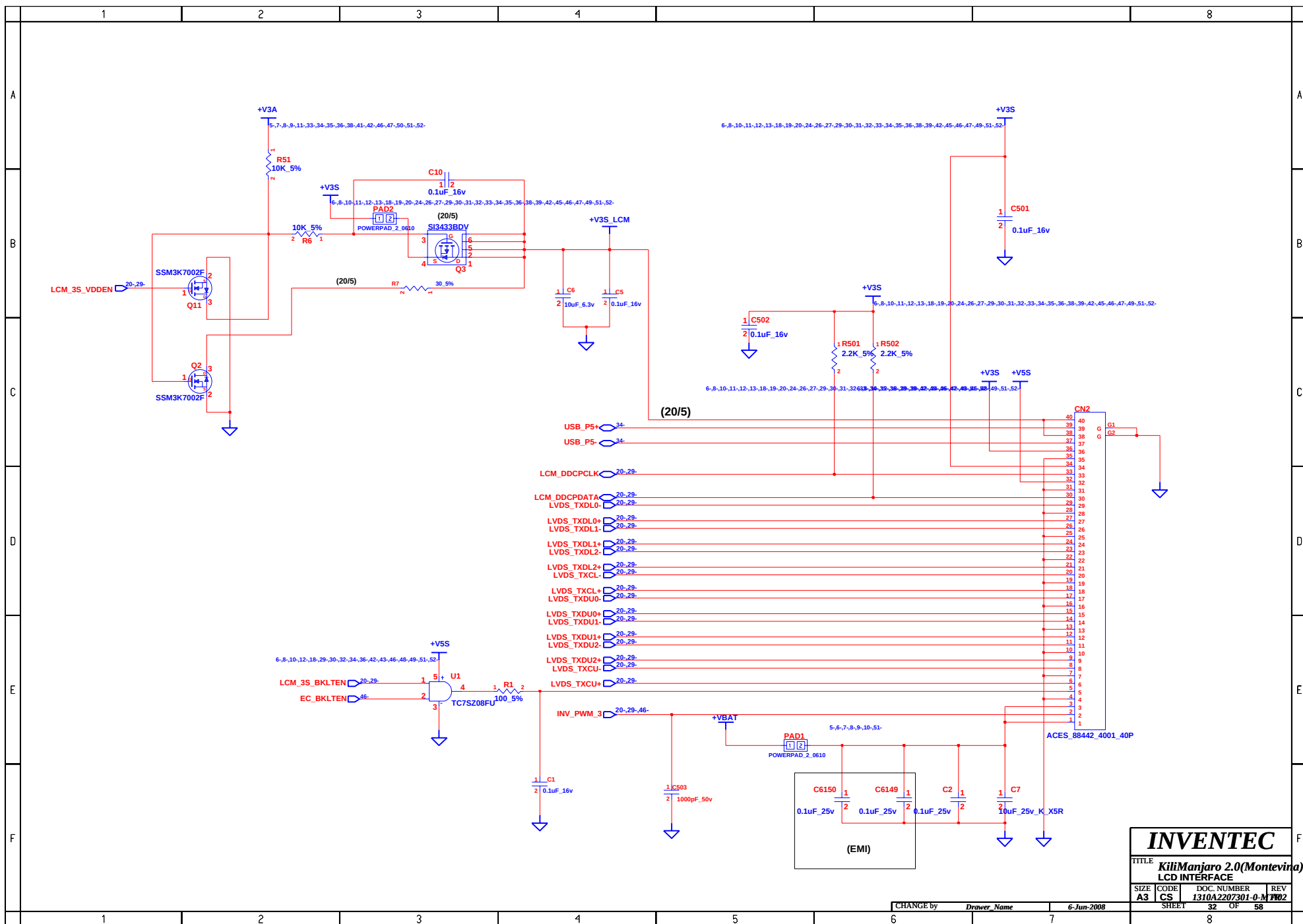
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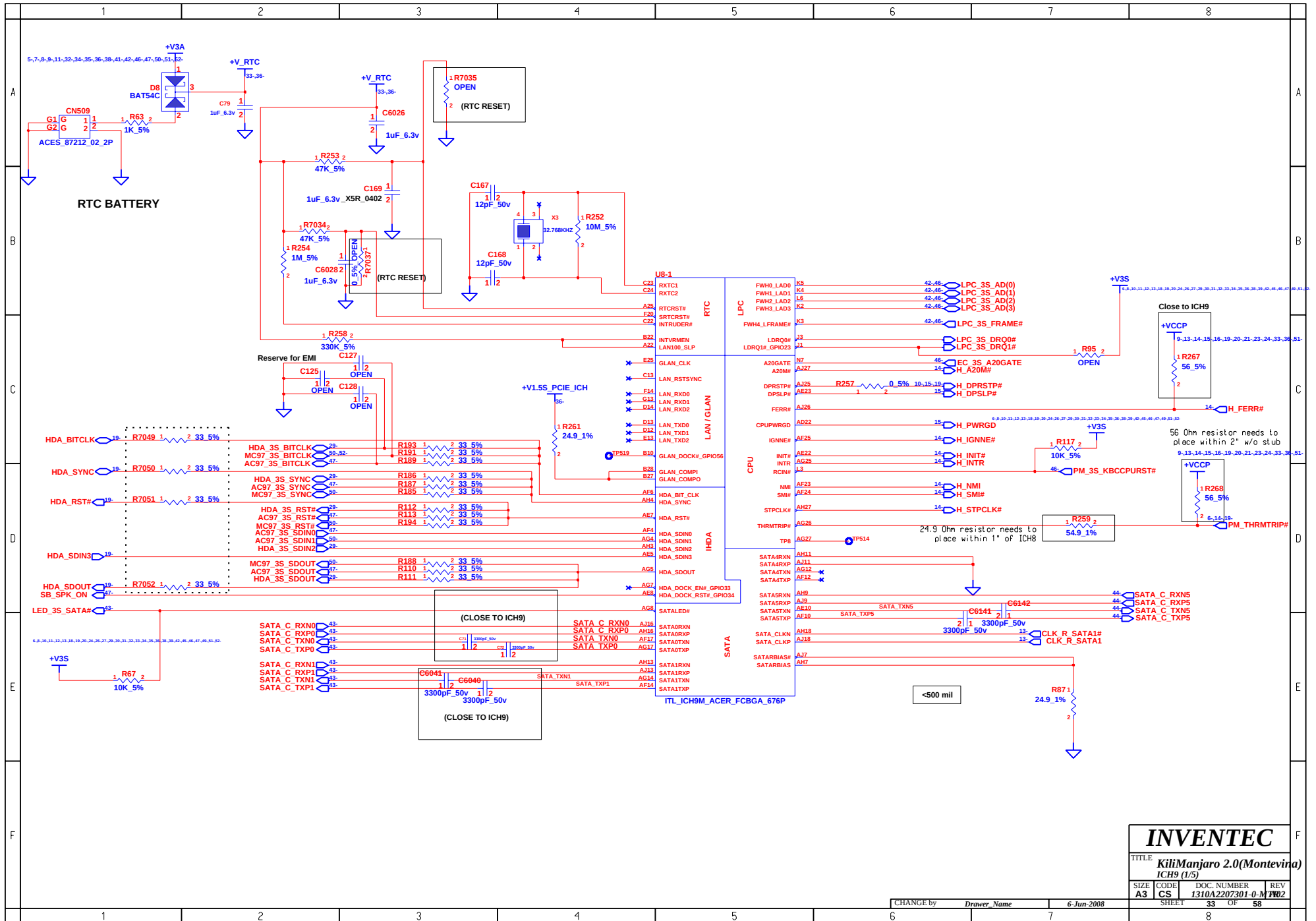
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SIZE	CODE	DOC. NUMBER	REV
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CHANGE by		Draver Name	6-Jun-2008
SHEET		28	OF 58

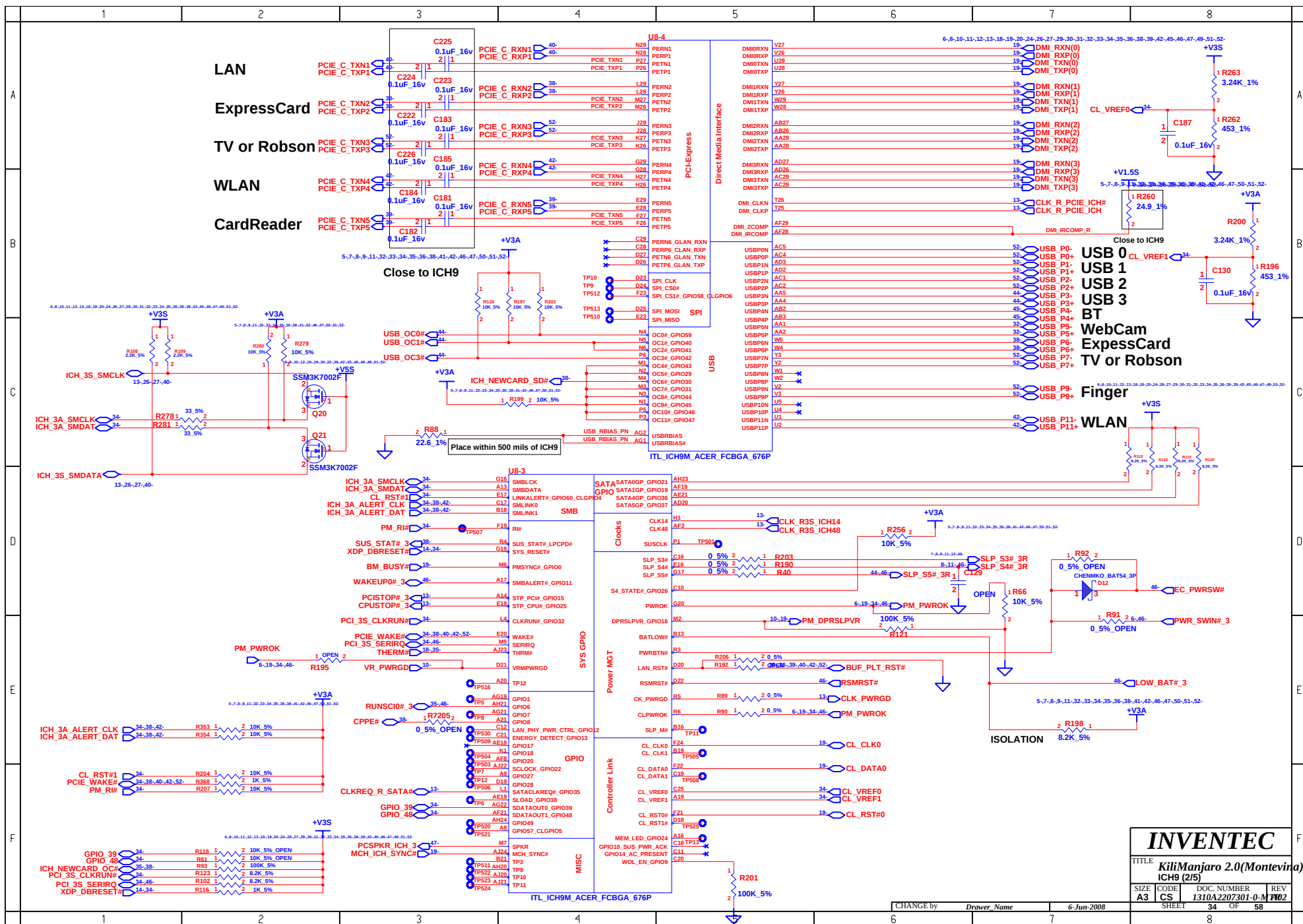


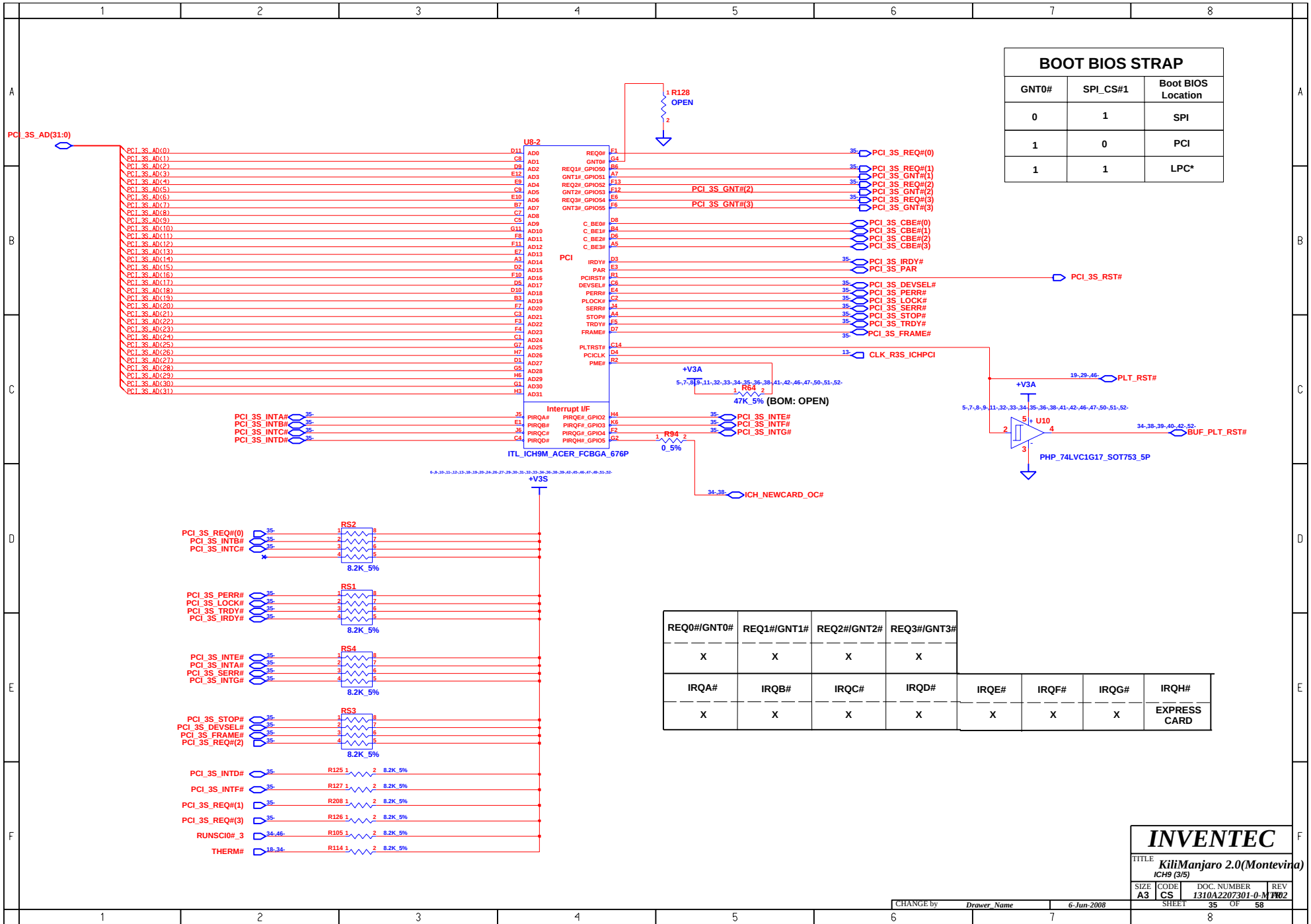


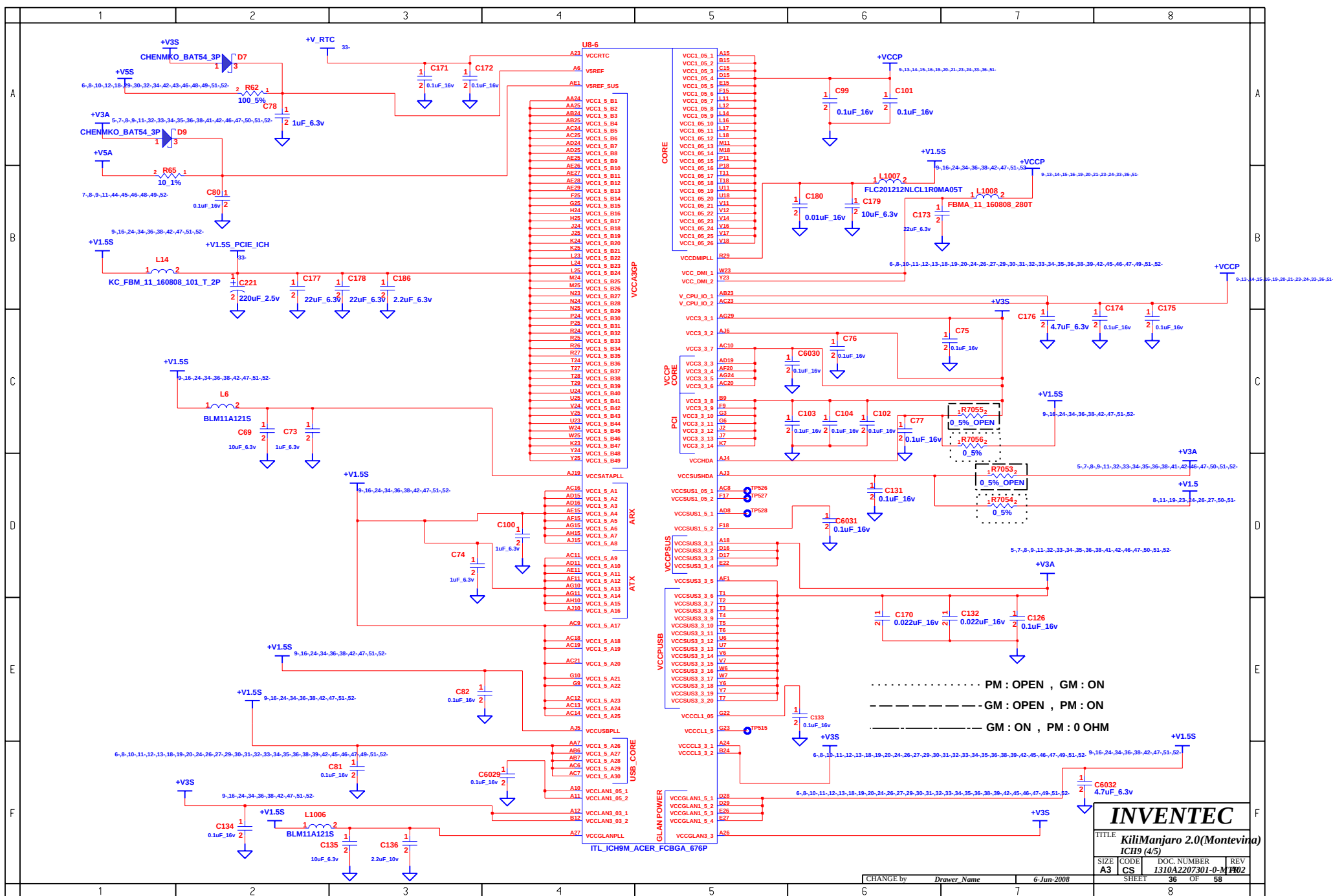












	1	2	3	4	5	6	7	8	
A	U8-5 AA26 VSS001 VSS107 H5 AA27 VSS002 VSS108 J23 AA31 VSS003 VSS109 J26 AA6 VSS004 VSS110 J27 AB1 VSS005 VSS111 AC22 AA22 VSS006 VSS112 K28 AB28 VSS007 VSS113 K29 AB29 VSS008 VSS114 L13 AB4 VSS009 VSS115 L15 AB5 VSS010 VSS116 L2 AC17 VSS011 VSS117 L27 AC26 VSS012 VSS118 L28 AC27 VSS013 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 N11 AD4 VSS025 VSS131 N12 AD6 VSS026 VSS132 N13 AD6 VSS027 VSS133 N14 AD7 VSS028 VSS134 N15 AD9 VSS029 VSS135 N16 AE12 VSS030 VSS136 N17 AE13 VSS031 VSS137 N18 AE14 VSS032 VSS138 N26 AE16 VSS033 VSS139 N27 AE17 VSS034 VSS140 P12 AE2 VSS035 VSS141 P13 AE20 VSS036 VSS142 P14 AE24 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 AF22 VSS045 VSS151 P7 AH06 VSS046 VSS152 R11 AF26 VSS047 VSS153 R12 AF27 VSS048 VSS154 R13 AF5 VSS049 VSS155 R14 AF7 VSS050 VSS156 R15 AF9 VSS051 VSS157 R16 AG13 VSS052 VSS158 R17 AG16 VSS053 VSS159 R18 AG18 VSS054 VSS160 R29 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 T21 AH17 VSS062 VSS168 B26 AH19 VSS063 VSS169 U12 AH2 VSS064 VSS170 U13 AH22 VSS065 VSS171 U14 AH25 VSS066 VSS172 U15 AH28 VSS067 VSS173 U16 AH5 VSS068 VSS174 U17 AH8 VSS069 VSS175 AD23 AJ12 VSS070 VSS176 U28 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 C26 VSS082 VSS188 W27 C27 VSS083 VSS189 W3 E11 VSS084 VSS190 V1 E14 VSS085 VSS191 V28 E18 VSS086 VSS192 V29 E2 VSS087 VSS193 V4 E21 VSS088 VSS194 Y5 E24 VSS089 VSS195 AG28 E3 VSS090 VSS196 AH6 E8 VSS091 VSS197 AF2 F16 VSS092 VSS198 B25 F28 VSS093 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 H29 VSS106 ITL_ICHM_ACER_FCBGA_676P								
B									B
C									C
D									D
E									E
F									F

CHANGE by				Drawer Name				6-Jun-2008			
SHEET				37				OF 58			

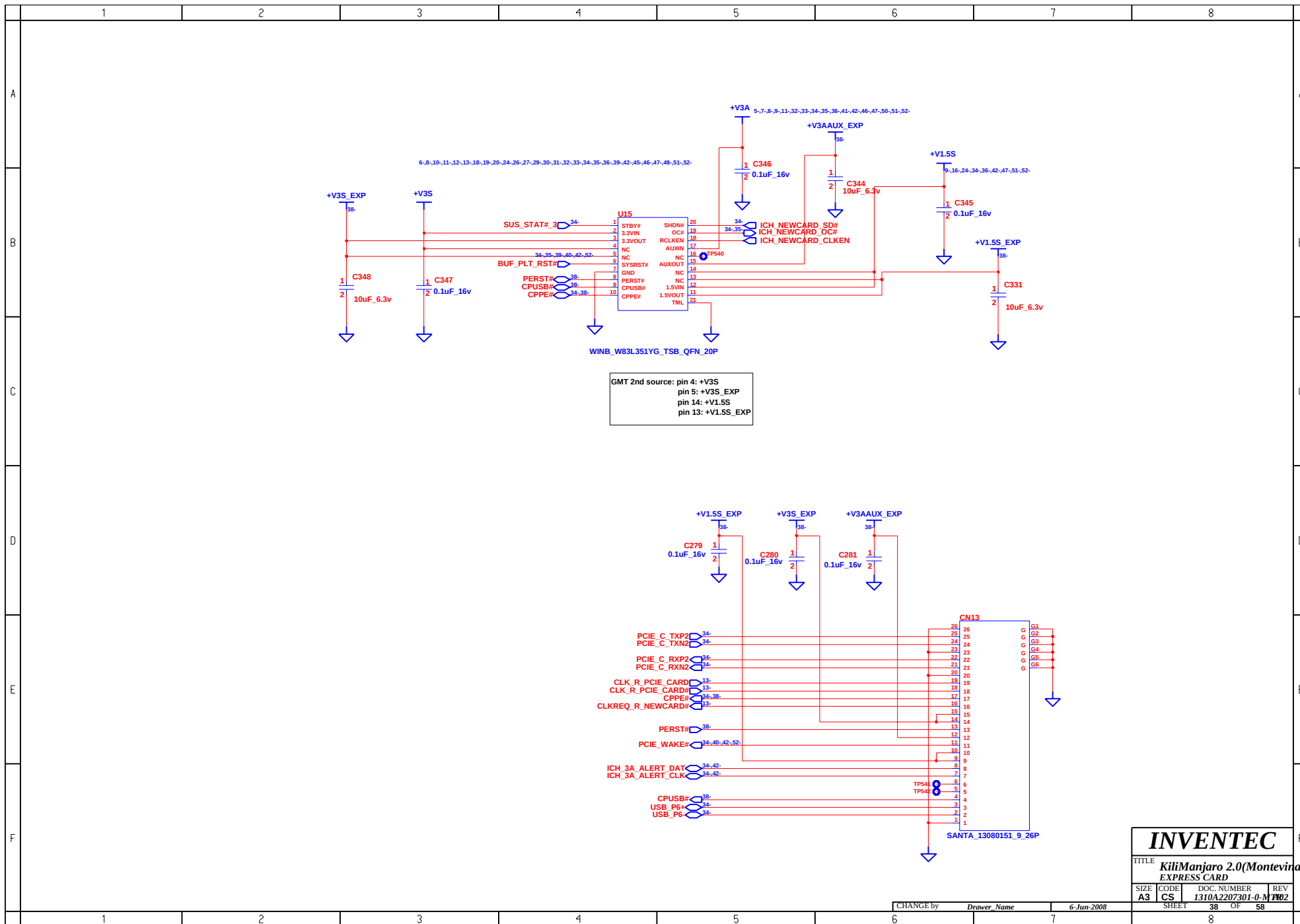
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SIZE A3	CODE CS	DOC. NUMBER 1310A2207301-0-M	REV 102

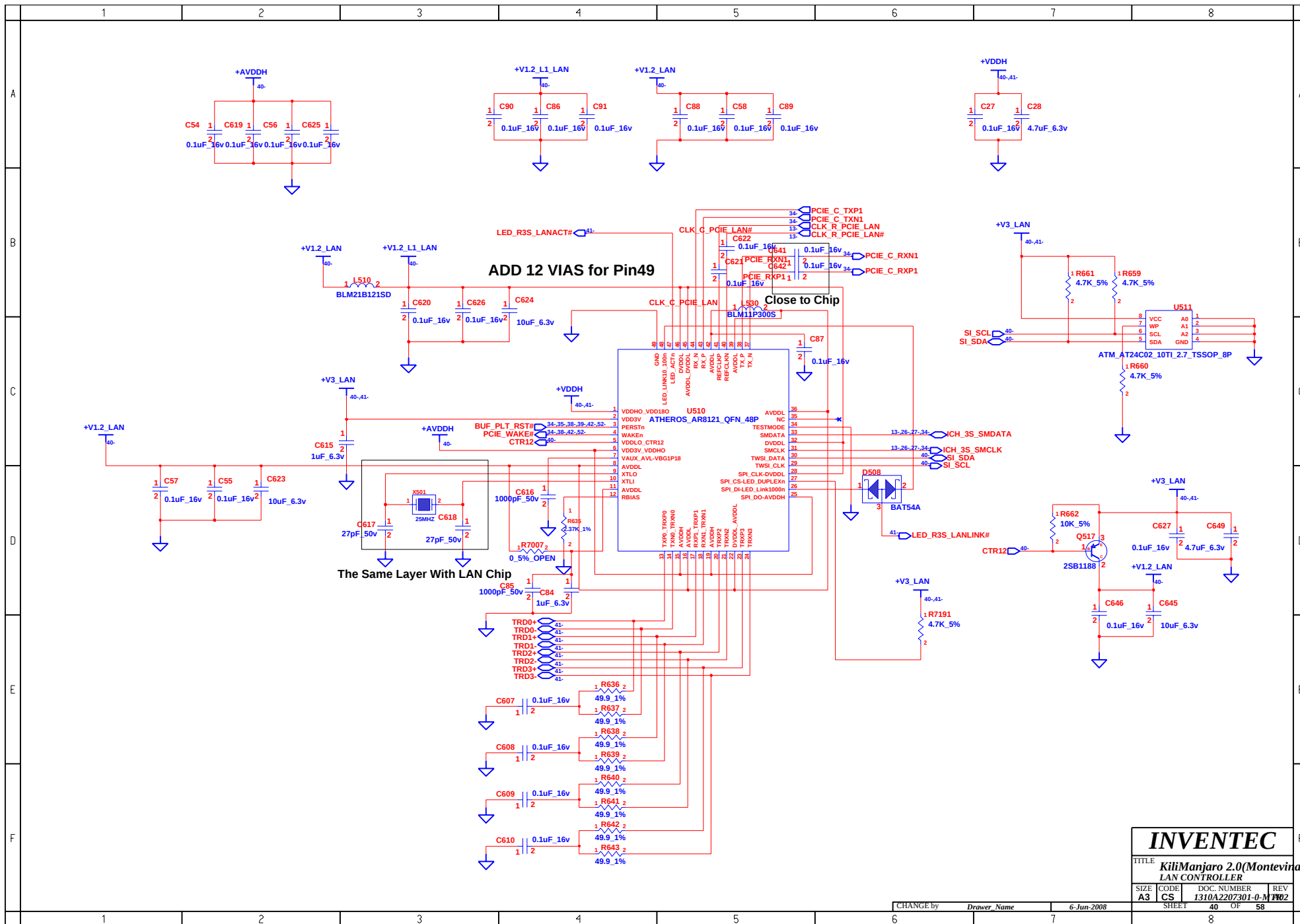
U8-5

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AA3 VSS003 VSS109 J26
AA6 VSS004 VSS110 J27
AB1 VSS005 VSS111 AC22
AA23 VSS006 VSS112 K28
AB28 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
AE24 VSS037 VSS143 P15
AE3 VSS038 VSS144 P16
AE4 VSS039 VSS145 P17
AE6 VSS040 VSS146 P2
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AF16 VSS043 VSS149 P29
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AH26 VSS046 VSS152 R11
AF26 VSS047 VSS153 R12
AF27 VSS048 VSS154 R13
AF5 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
AH18 VSS063 VSS169 U12
AH2 VSS064 VSS170 U13
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AH25 VSS066 VSS172 U15
AH26 VSS067 VSS173 U16
AH5 VSS068 VSS174 AD23
AH8 VSS069 VSS175 U17
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
C26 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
E9 VSS090 VSS196 AH6
F8 VSS091 VSS197 AF2
F16 VSS092 VSS198 B25
F28 VSS093
F29 VSS094 VSS_NCTF3 A1
G12 VSS095 VSS_NCTF3 A2
G14 VSS096 VSS_NCTF3 A28
G18 VSS097 VSS_NCTF4 A29
G24 VSS098 VSS_NCTF5 AH1
G25 VSS099 VSS_NCTF4 AH29
G26 VSS100 VSS_NCTF7 A1
G27 VSS101 VSS_NCTF8 A32
G8 VSS102 VSS_NCTF9 A328
H2 VSS103 VSS_NCTF10 A329
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ITL_ICH9M_ACER_FCBGA_676P

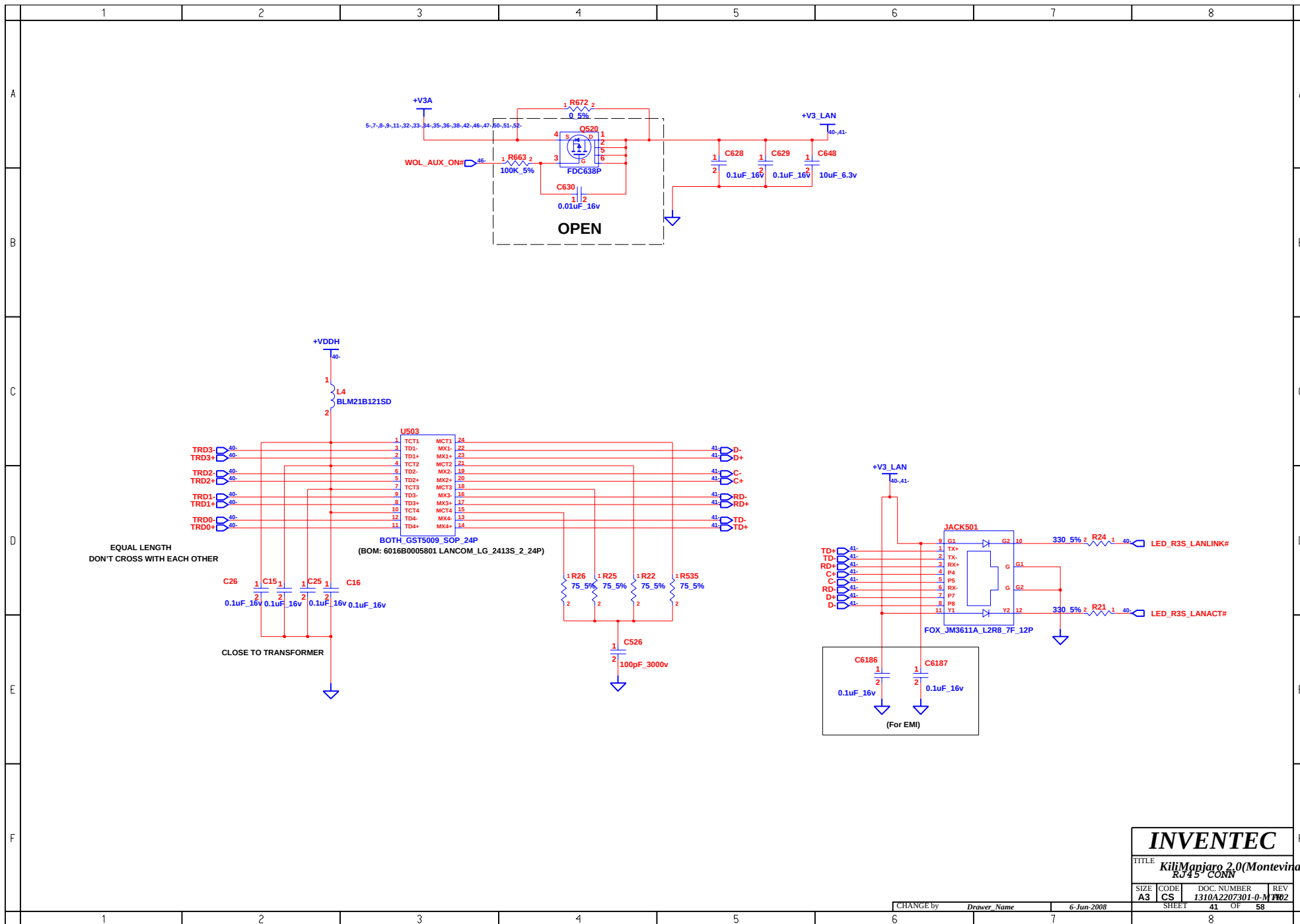
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SIZE A3	CODE CS	DOC. NUMBER <i>1310A2207301-0-M</i>	REV #02
SHEET 37		OF 58	



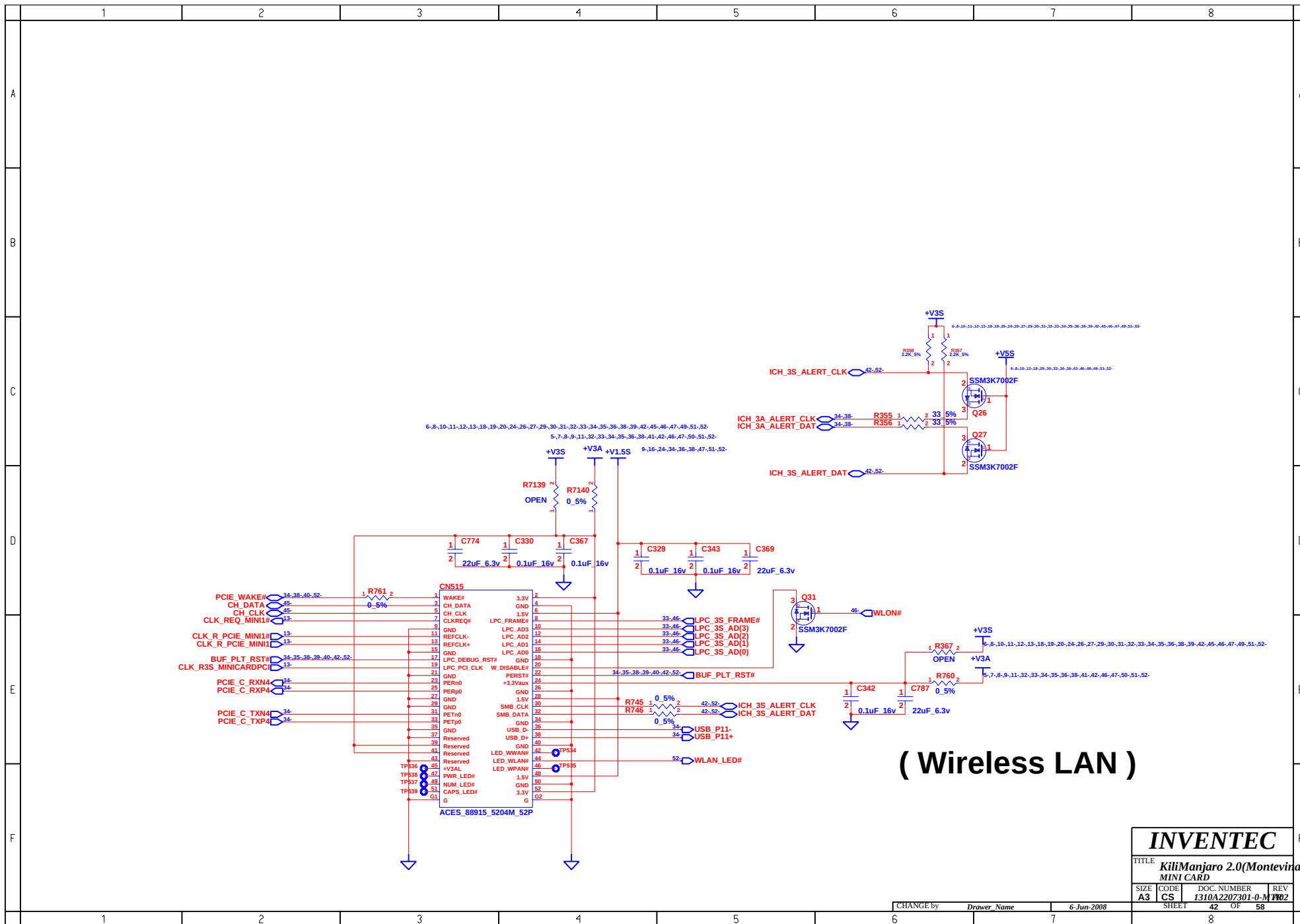


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SHEET: 40		OF: 58	

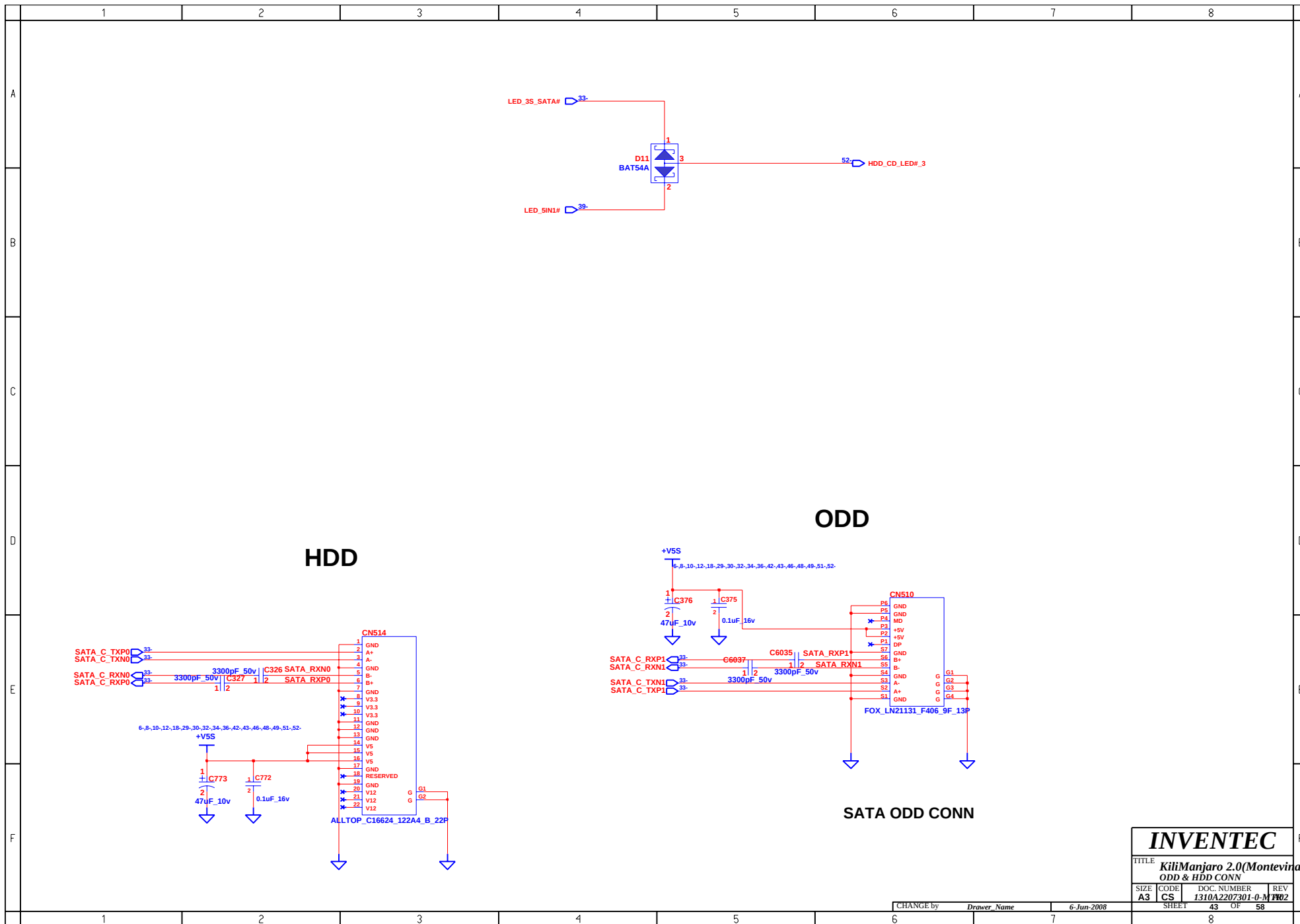
CHANGE by: Drawer Name 6-Jun-2008

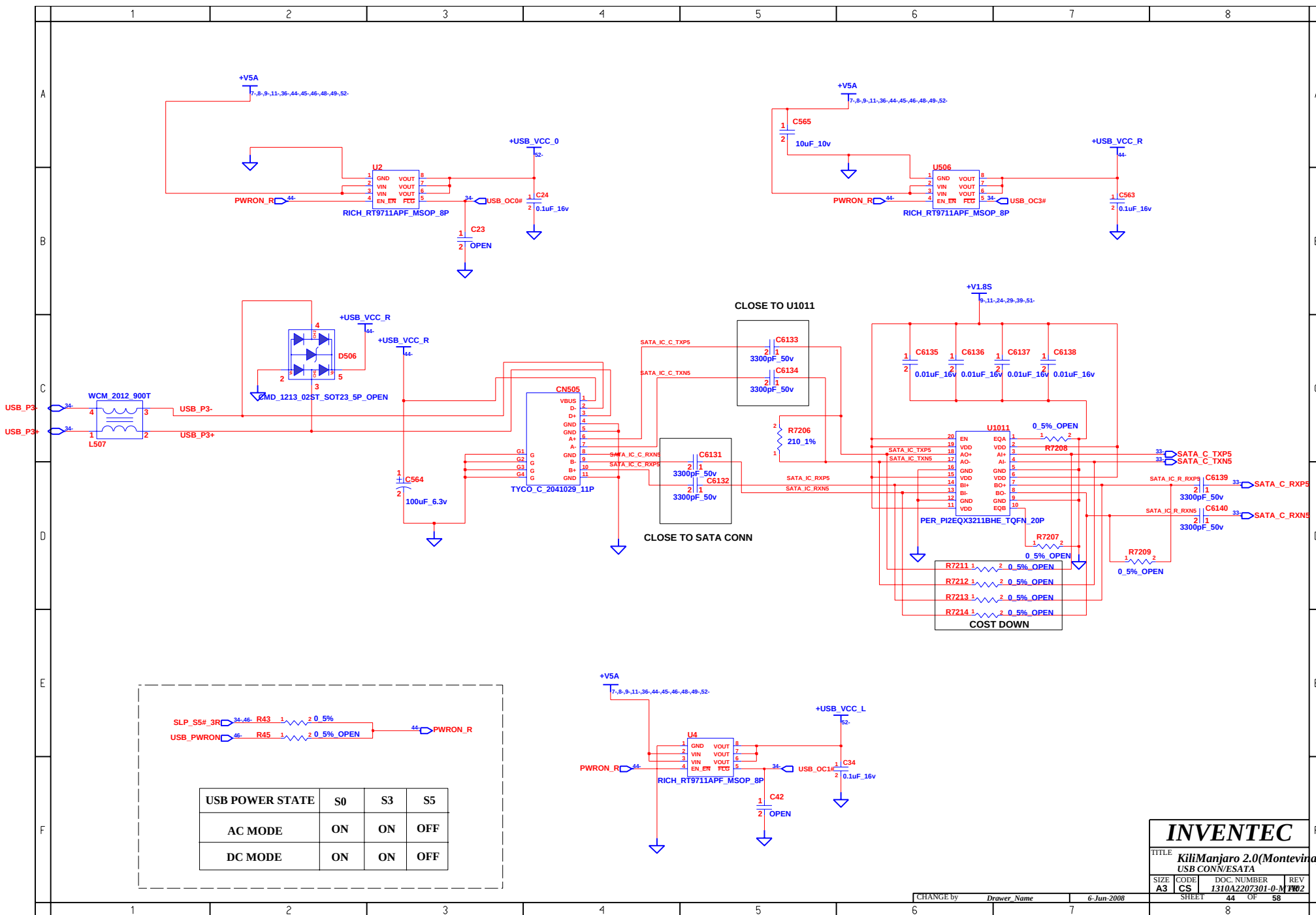


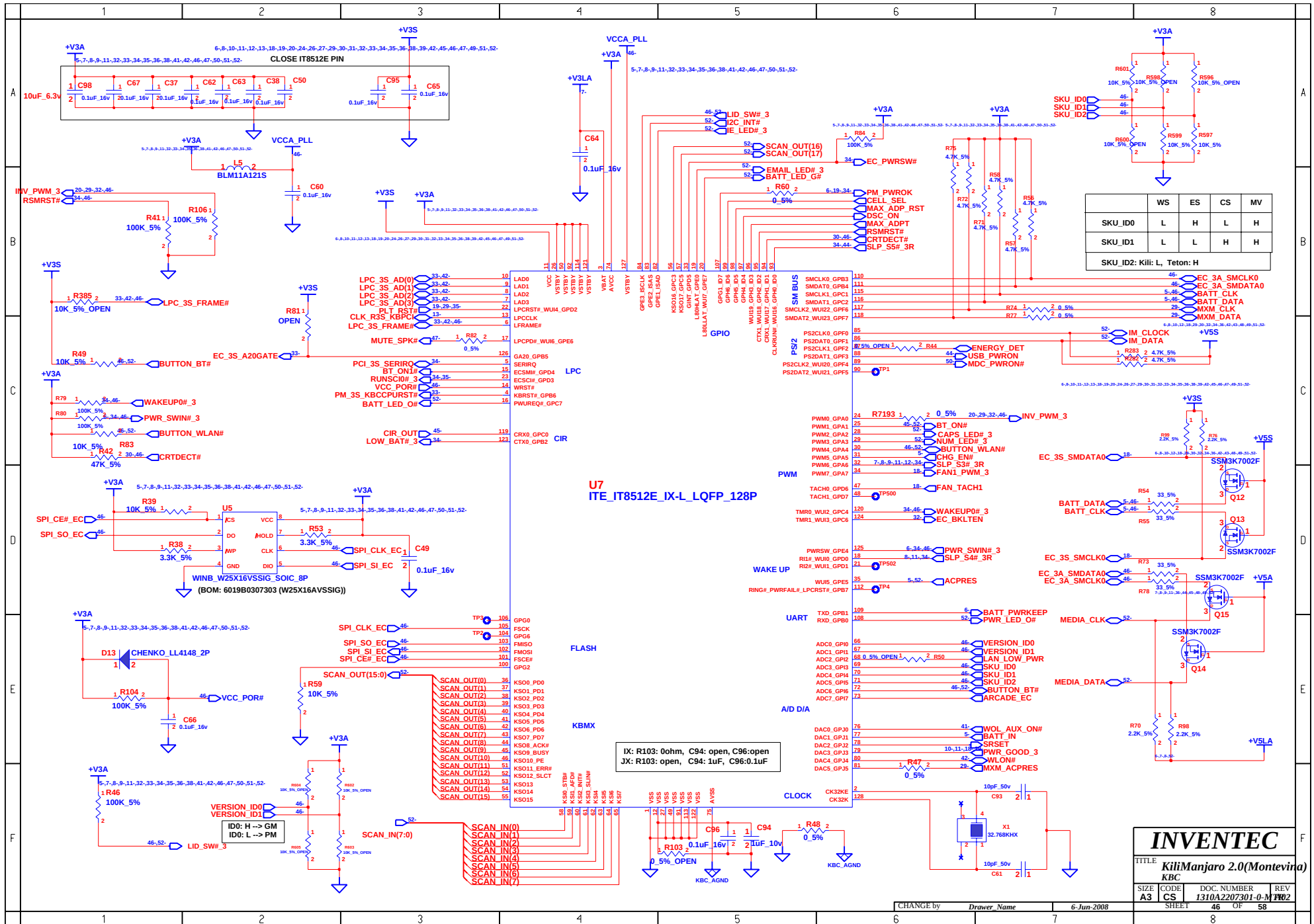
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SIZE: A3	CODE: CS	DOC. NUMBER: 1310A2207301-0-M	REV: 02
CHANGE by: Draiver Name		6-Jun-2008	
SHEET: 41		OF: 58	

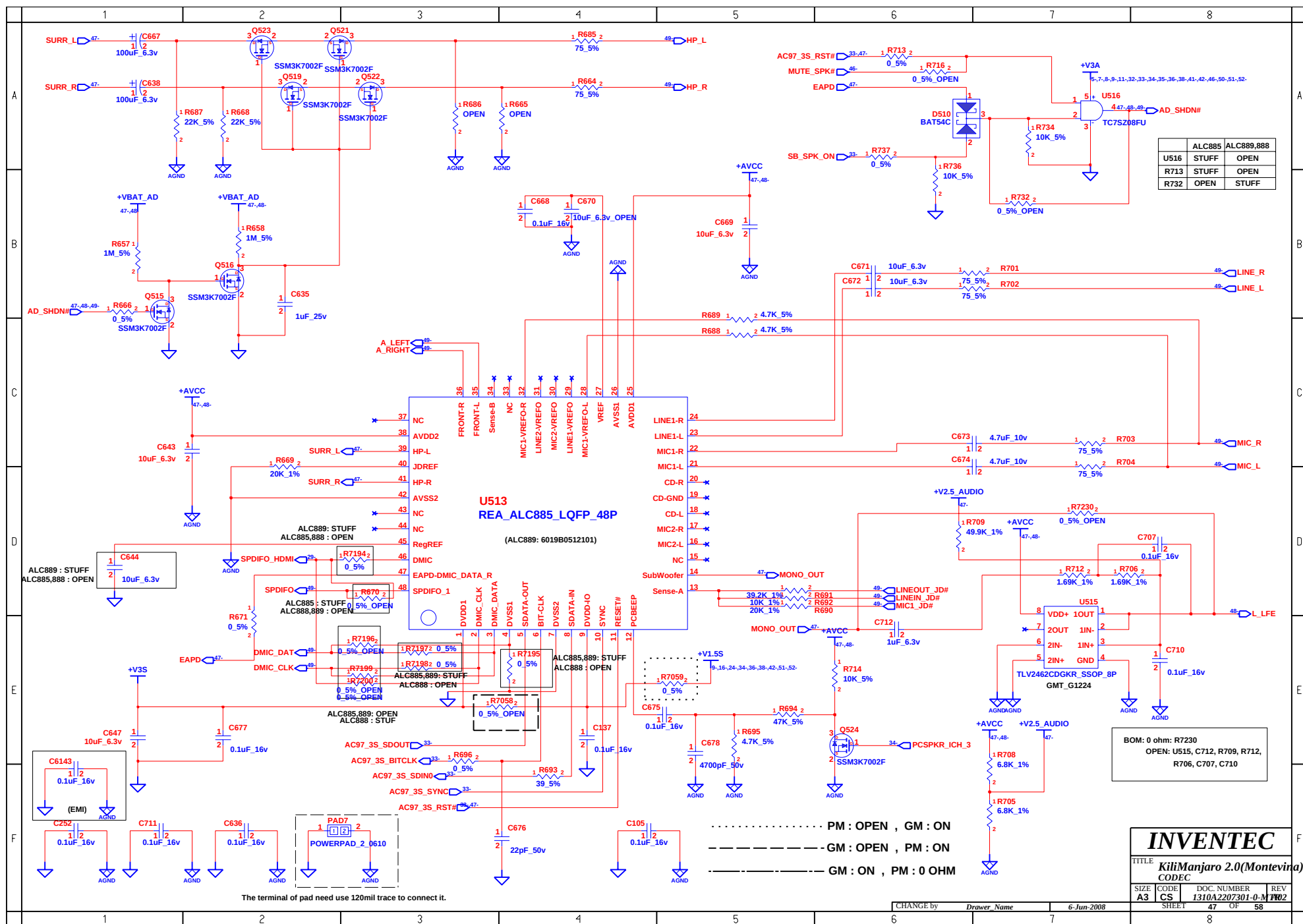


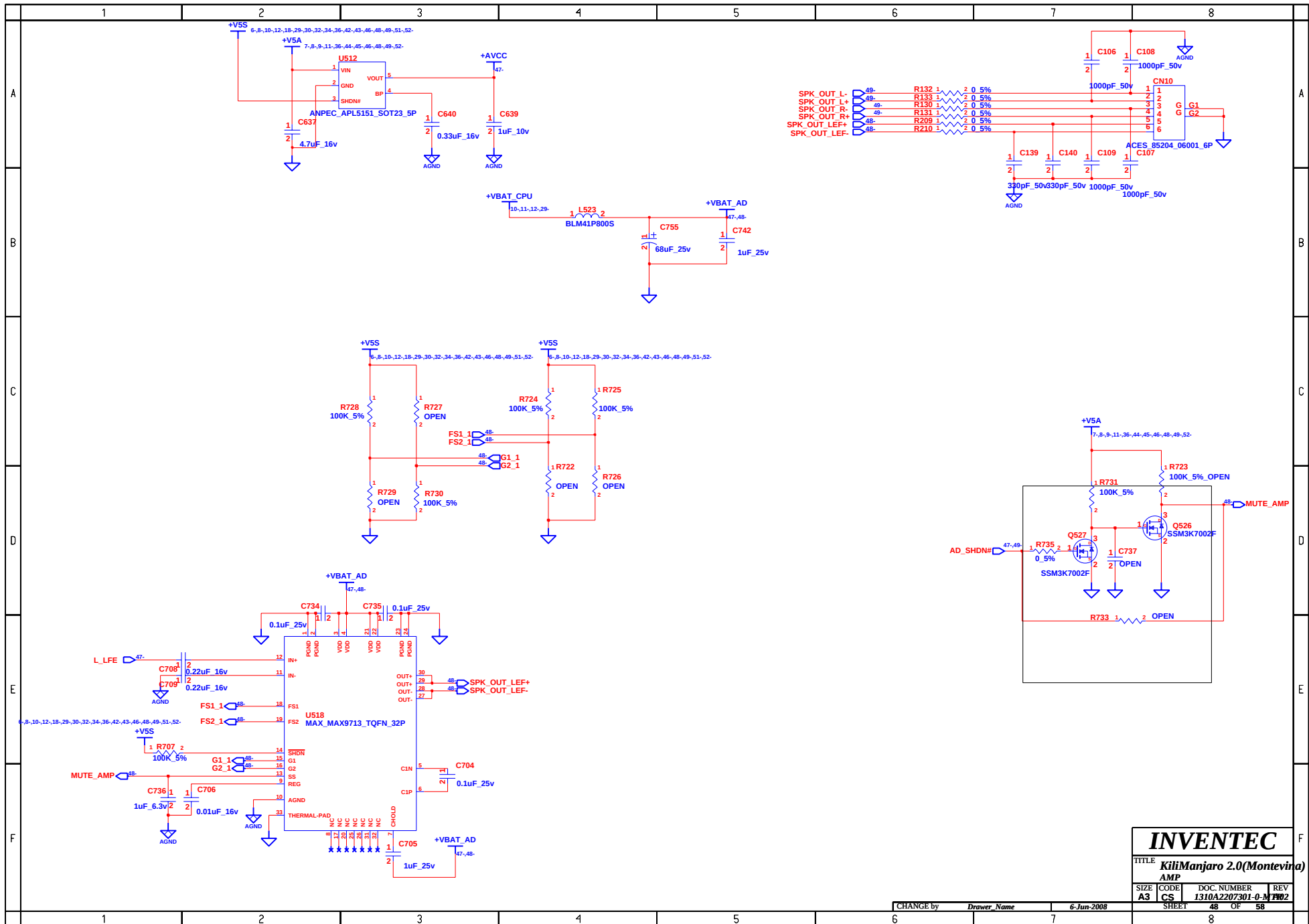
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MINI CARD			
SIZE A3	CODE CS	DOC. NUMBER 1310AZ207301-0-M	REV R02
CHANGE by Drawer Name		6-Jun-2008	
SHEET		42 OF 58	

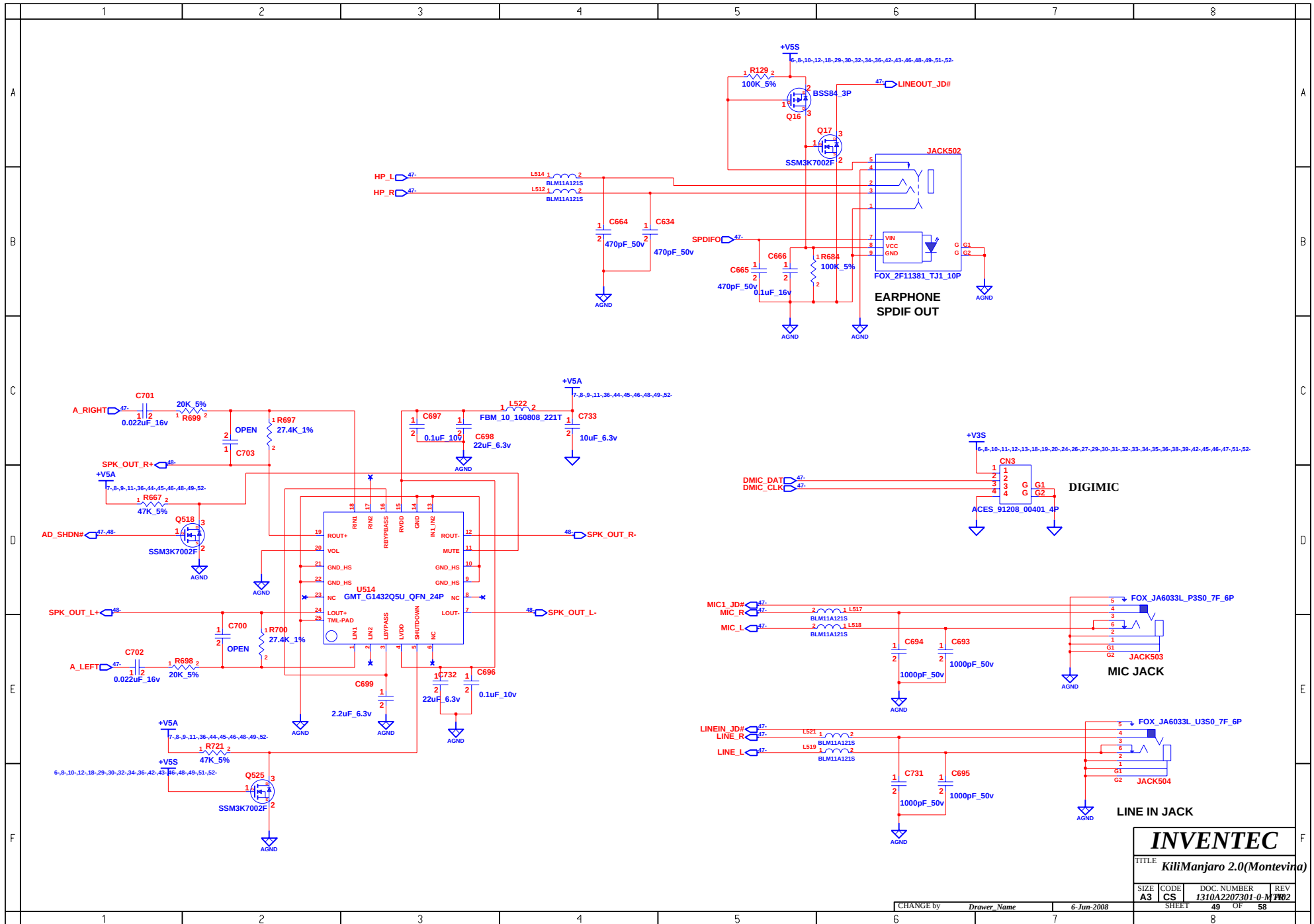


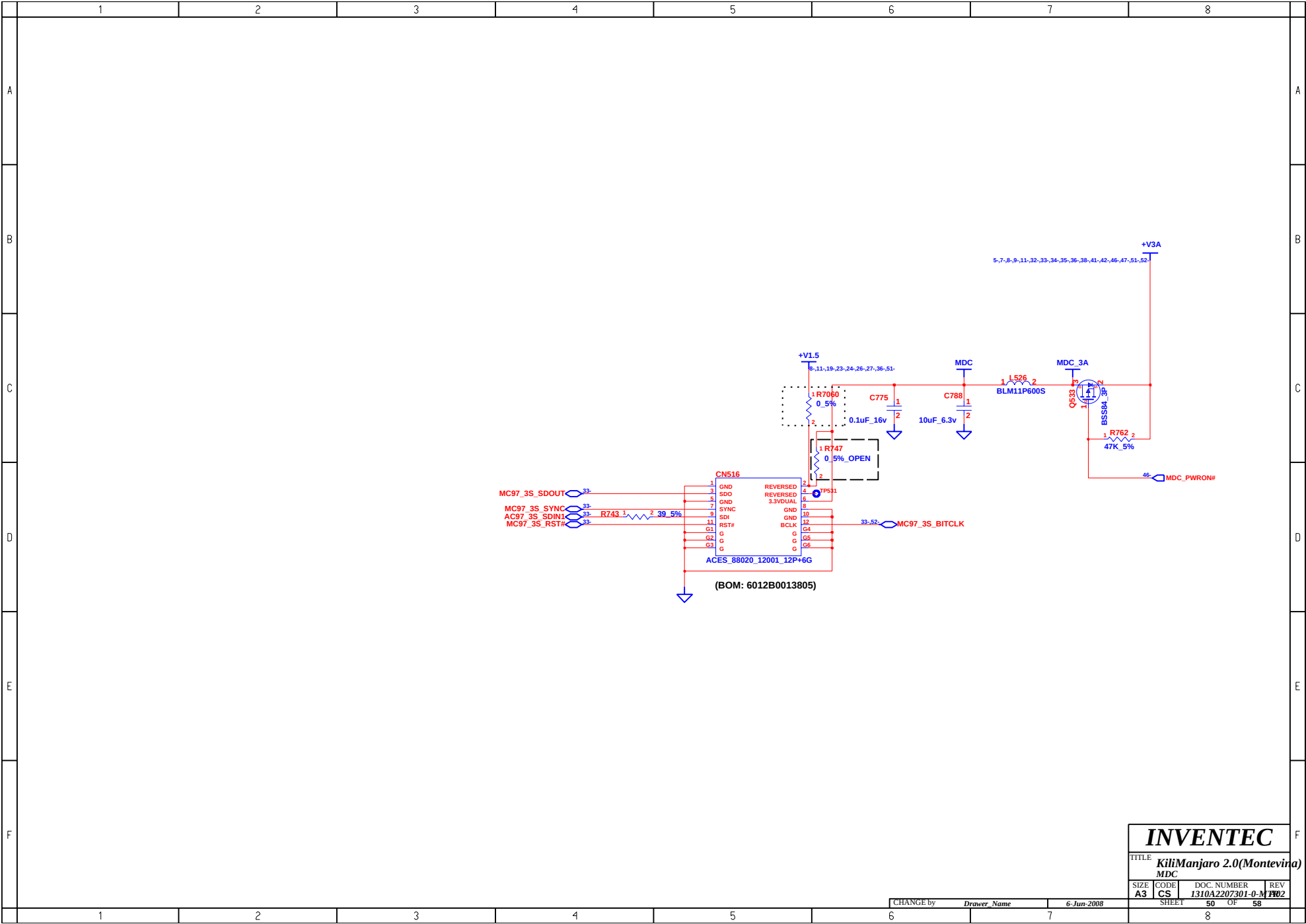




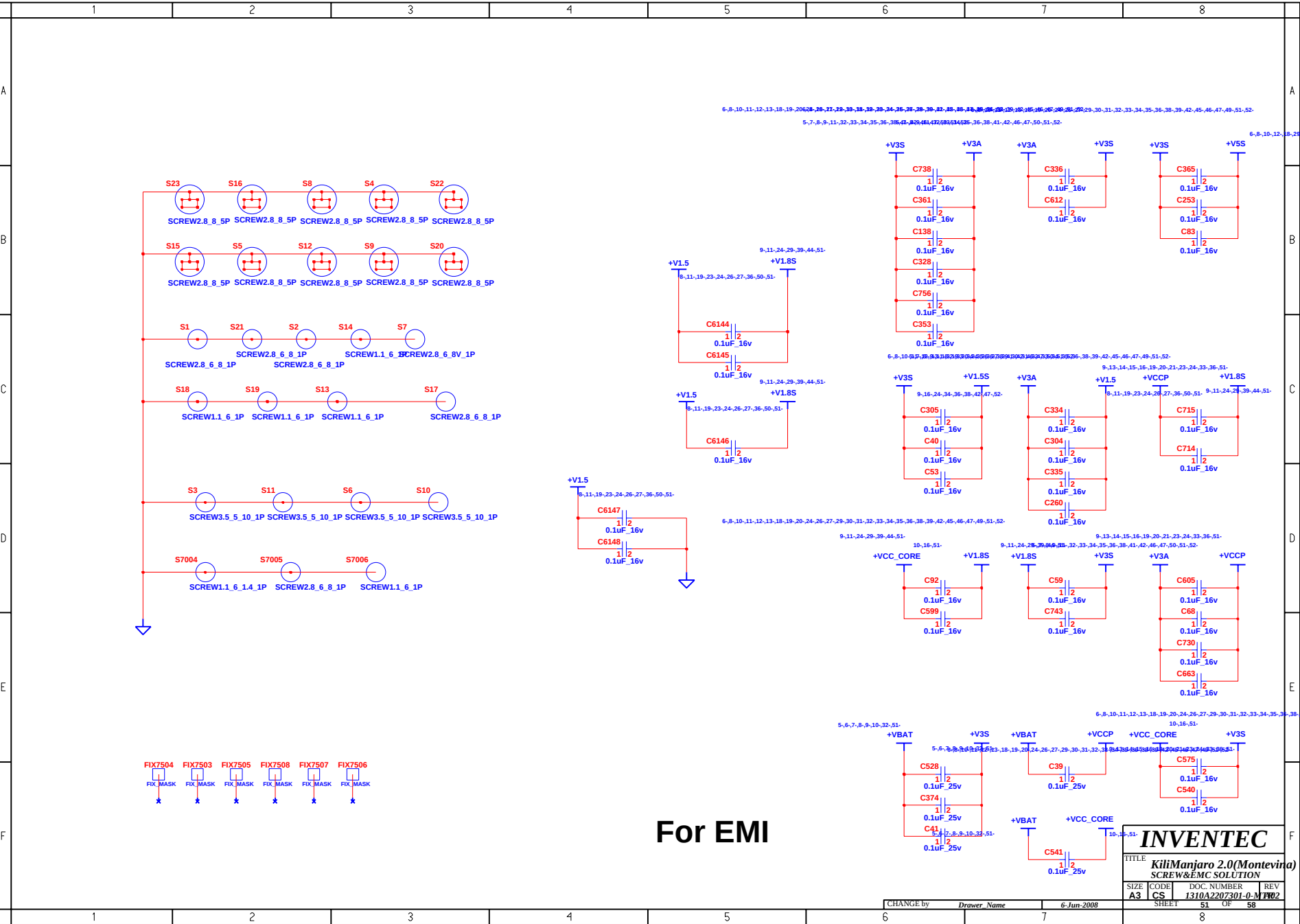


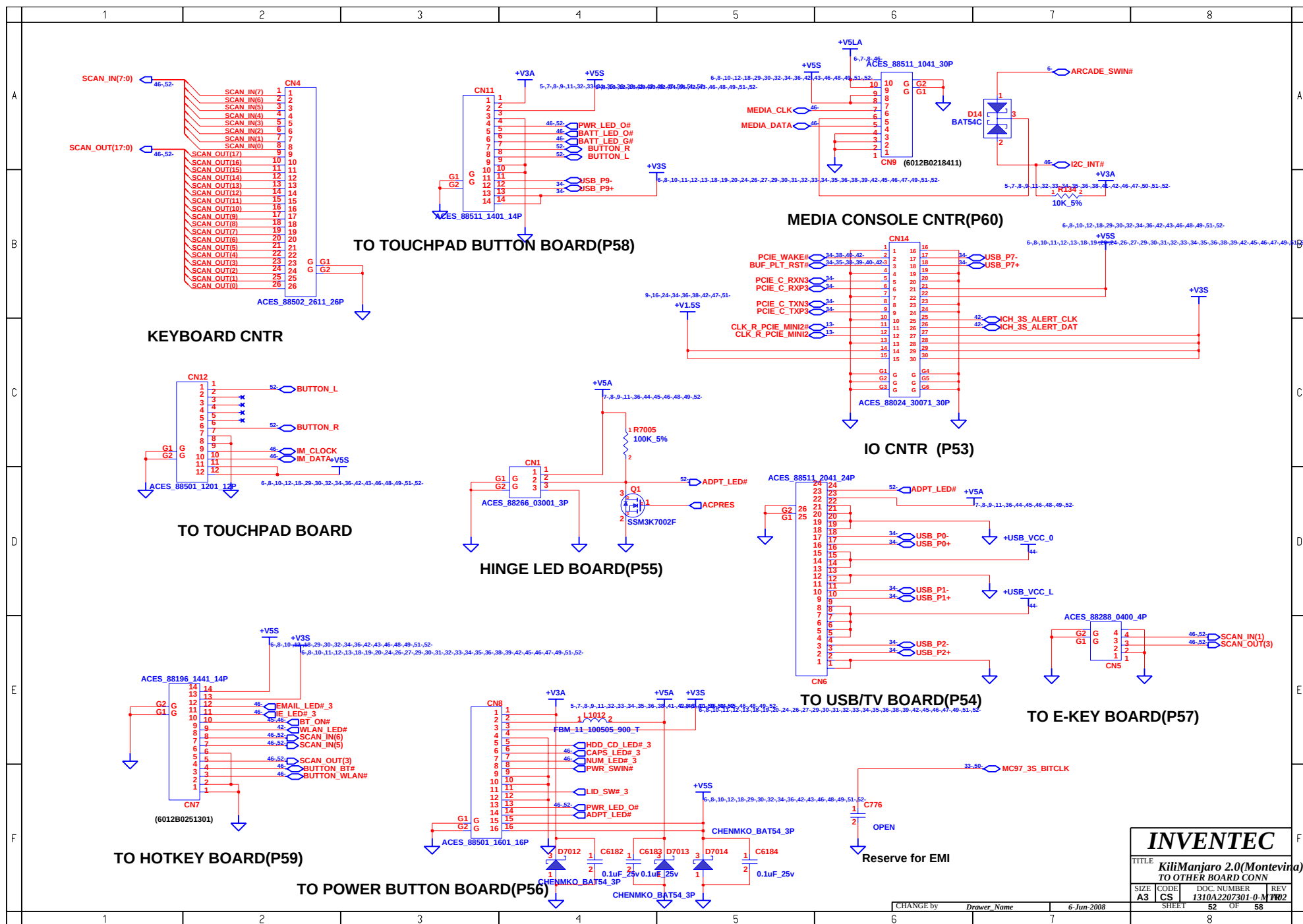




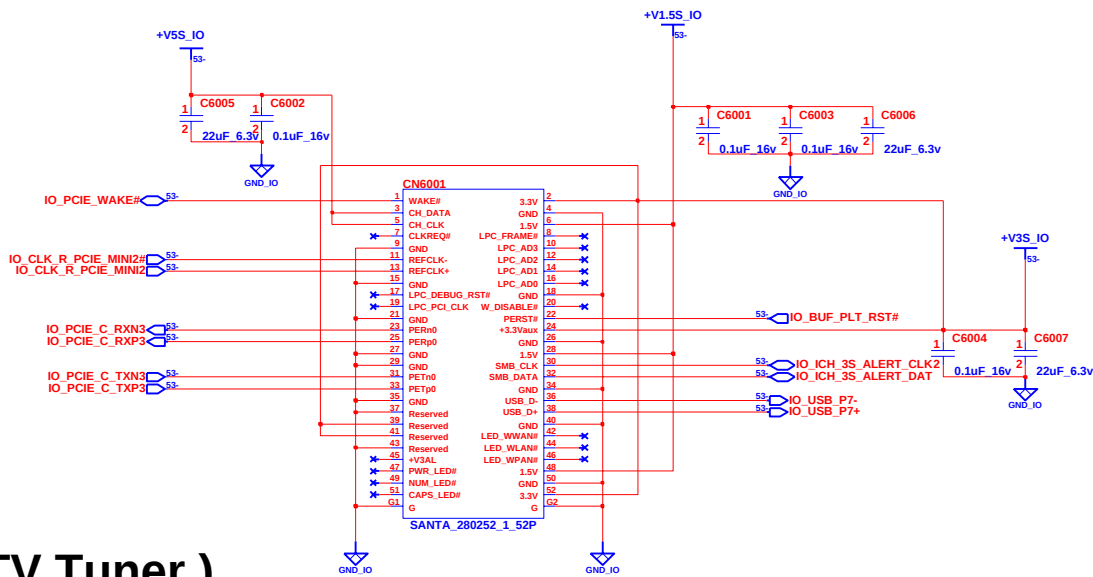
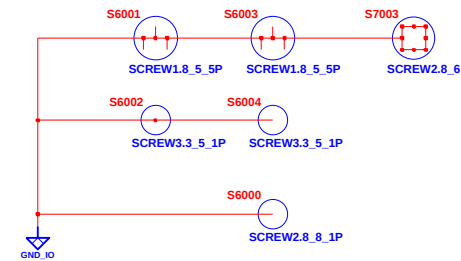
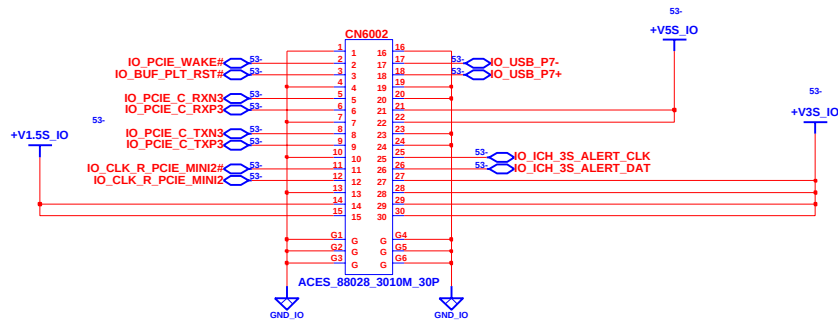


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SIZE	CODE	DOC. NUMBER	REV
A3	CS	1310A2207301-0-M	02
CHANGE by		6-Jun-2008	
DRAWN by			
SHEET		50	OF 58
		8	





IO BOARD



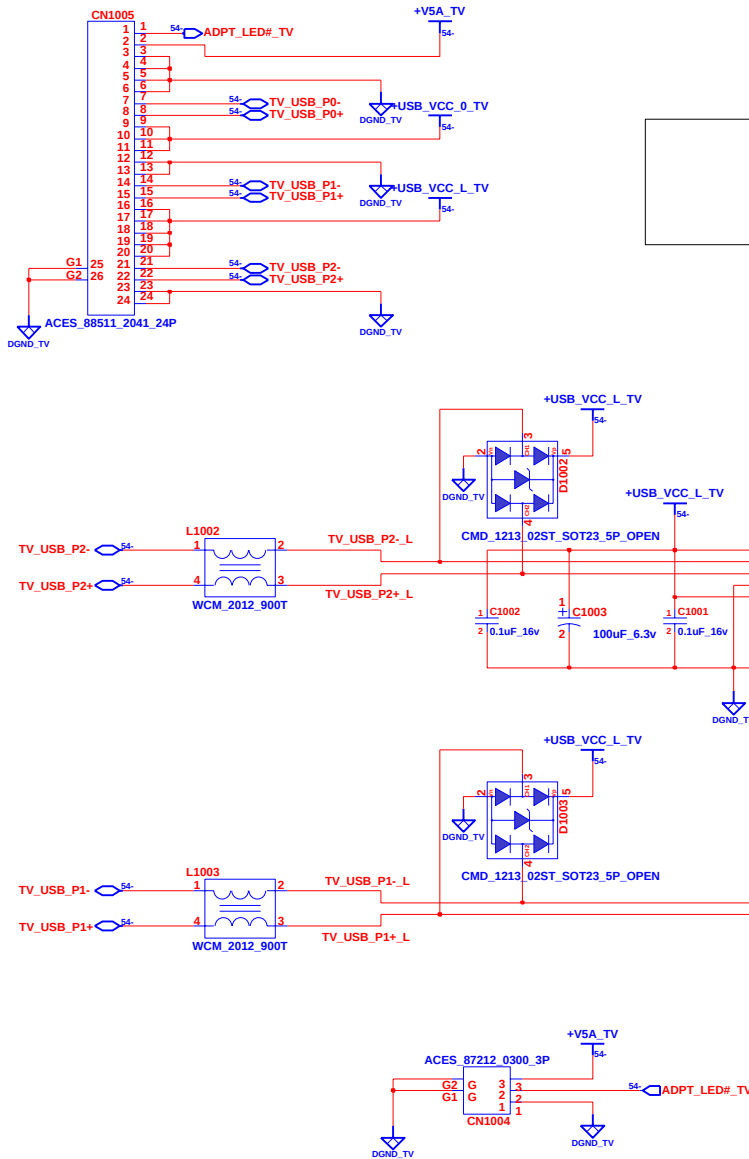
(TV Tuner)



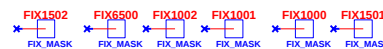
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MEDIA BOARD			
SIZE A3	CODE CS	DOC. NUMBER 1310A2207301-0-M	REV 102
SHEET 53		OF 58	

CHANGE by Drawer Name 6-Jun-2008

USB & TV BOARD



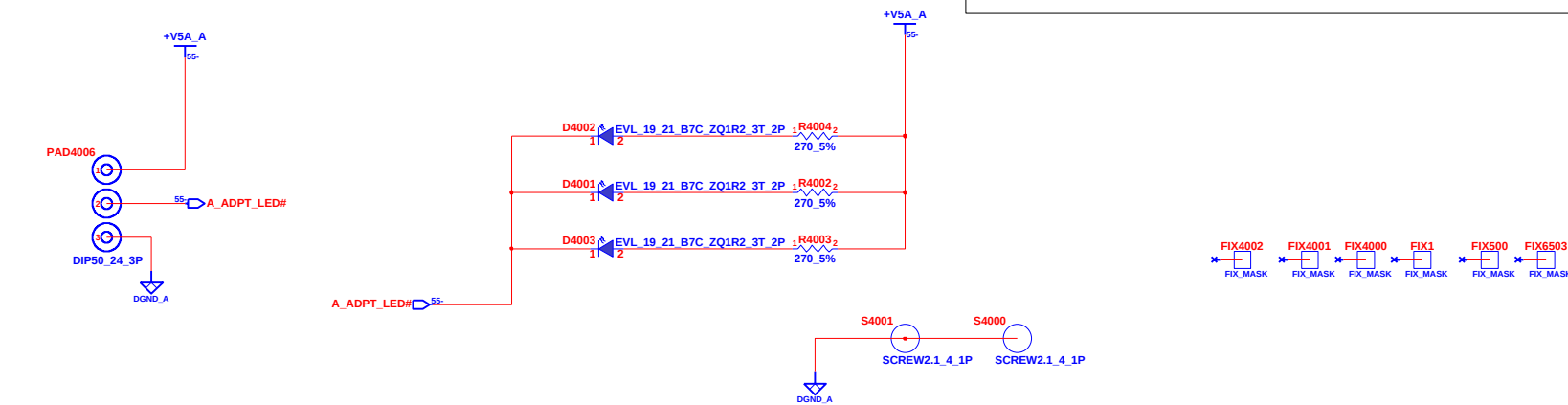
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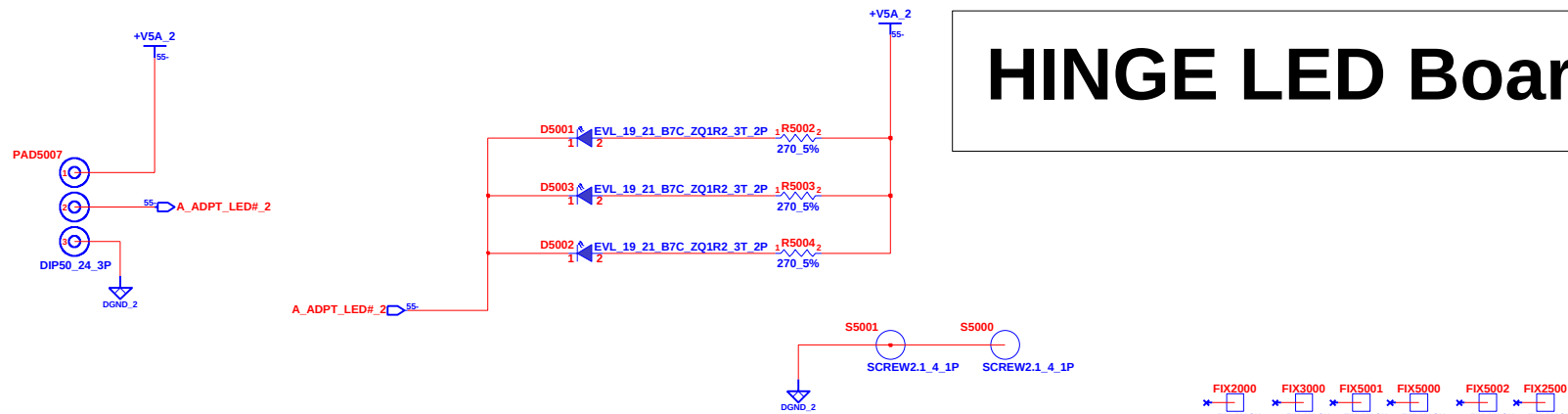
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TITLE KiliManjaro 2.0(Montevina) USB & TV BOARD			
SIZE A3	CODE CS	DOC. NUMBER 1310A2207301-0-M	REV P02
SHEET 54		OF 58	

CHANGE by *Drawn Name* 6-Jun-2008

HINGE LED Board 1



HINGE LED Board 2



INVENTEC

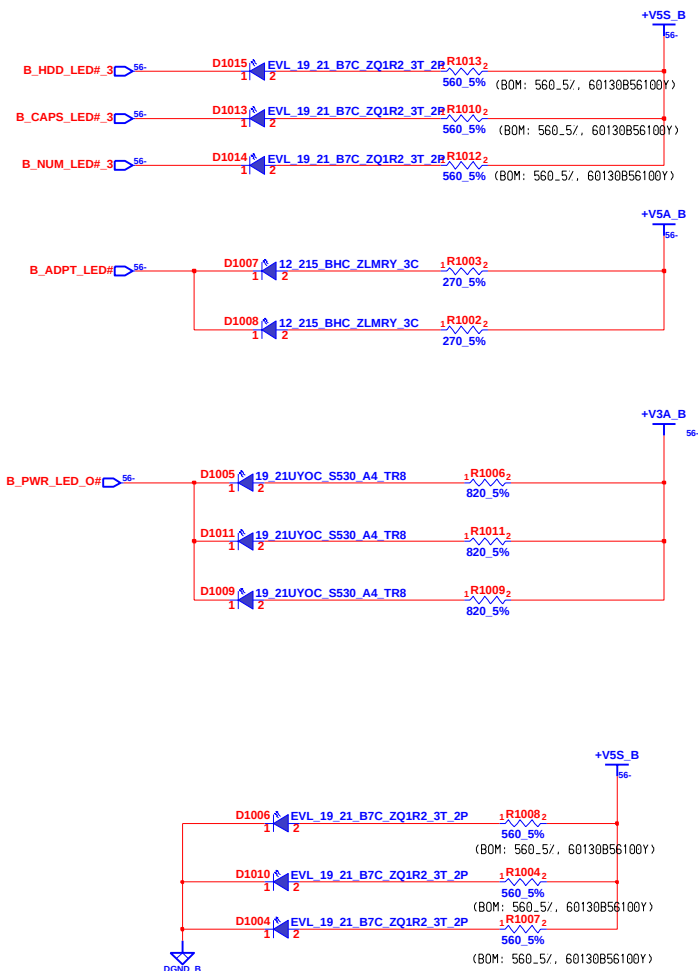
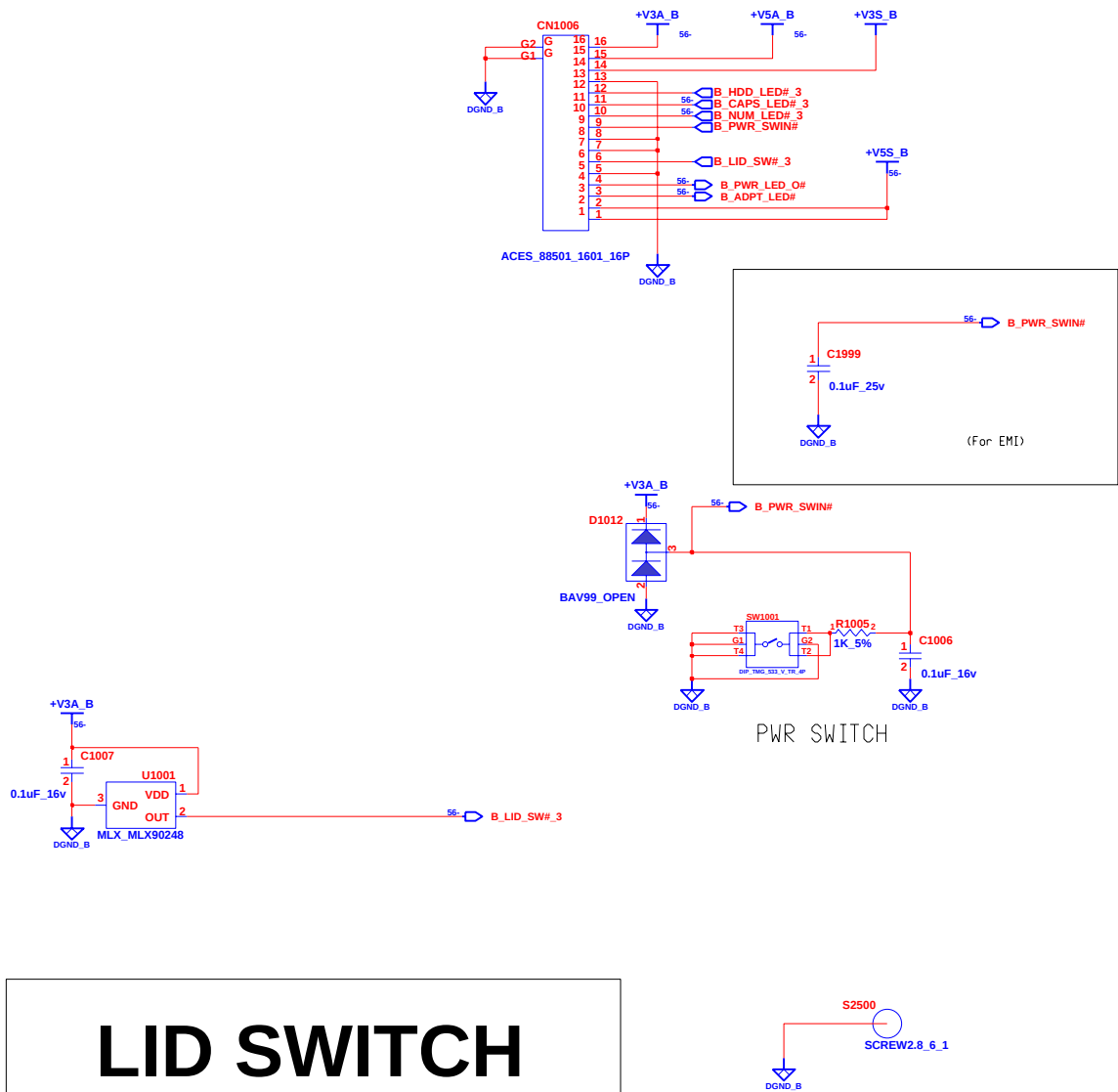
TITLE
KiliManjaro 2.0(Montevina)
PowerJack BOARD

SIZE A3	CODE CS	DOC. NUMBER 1310A2207301-0-M	REV 02
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CHANGE by *Drawn Name* 6-Jun-2008

SHEET 55 OF 58

PowerButton Board



LID SWITCH

INVENTEC			
TITLE KiliManjaro 2.0(Montevina) PowerButton Board			
SIZE A3	CODE CS	DOC. NUMBER 1310A2207301-0-M	REV R02
SHEET 56		OF 58	

FIX2502	FIX2501	FIX2503	FIX2003	FIX2001	FIX2002
FIX MASK	FIX MASK	FIX MASK	FIX MASK	FIX MASK	FIX MASK

CHANGE by	Drawn Name	6-Jun-2008
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E-KEY Board

The schematic diagram illustrates the electrical layout of the E-KEY Board. It includes the following components and connections:

- ACES_88288_0400_4P**: A 4-pin connector with pins 1, 2, 3, and 4. Pin 1 is connected to **EK_SCAN_IN(1)**, pin 2 to **EK_SCAN_OUT(3)**, pin 3 to **DGND_EK**, and pin 4 to **DGND_EK**.
- SW3001**: A switch with terminals T1, T2, T3, and T4. T1 is connected to **EK_SCAN_OUT(3)**, T2 to **DGND_EK**, T3 to **EK_SCAN_IN(1)**, and T4 to **DGND_EK**. The switch is labeled **(E BUTTTON)**.
- S3001** and **S3002**: Two screws. S3001 is connected to **DGND_EK** and S3002 to **SCREW1.4_4_1P**.
- FIX502**, **FIX3**, **FIX4**, **FIX3002**, **FIX3003**, and **FIX3001**: Six screws, each connected to a **FIX_MASK** component.

INVENTEC
TITLE: **KiliManjaro 2.0(Montevina)**
E-KEY BOARD
SIZE: **A3** CODE: **CS** DOC. NUMBER: **1310A2207301-0-M** REV: **PRO2**
CHANGE by: **Drawer_Name** 6-Jun-2008 SHEET: **57** OF: **58**

TITLE	<i>KiliManjaro 2.0(Montevina)</i> <i>E-KEY BOARD</i>
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SIZE A3	CODE CS	DOC. NUMBER 1310A2207301-0-MT102	REV 1
SHEET 57		OF 58	

CHANGE by	<i>Drawer_Name</i>	6-Jun-2008
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