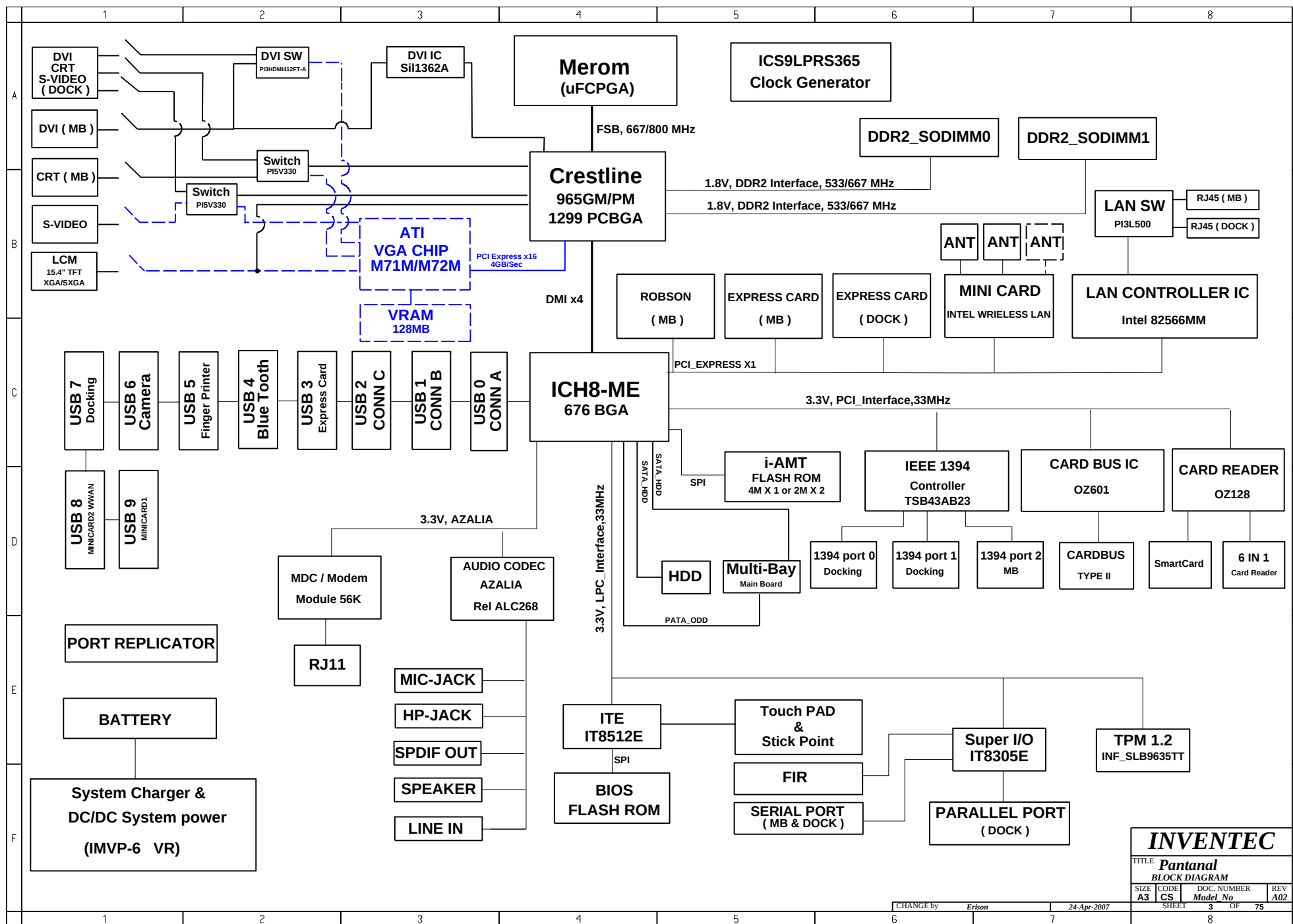
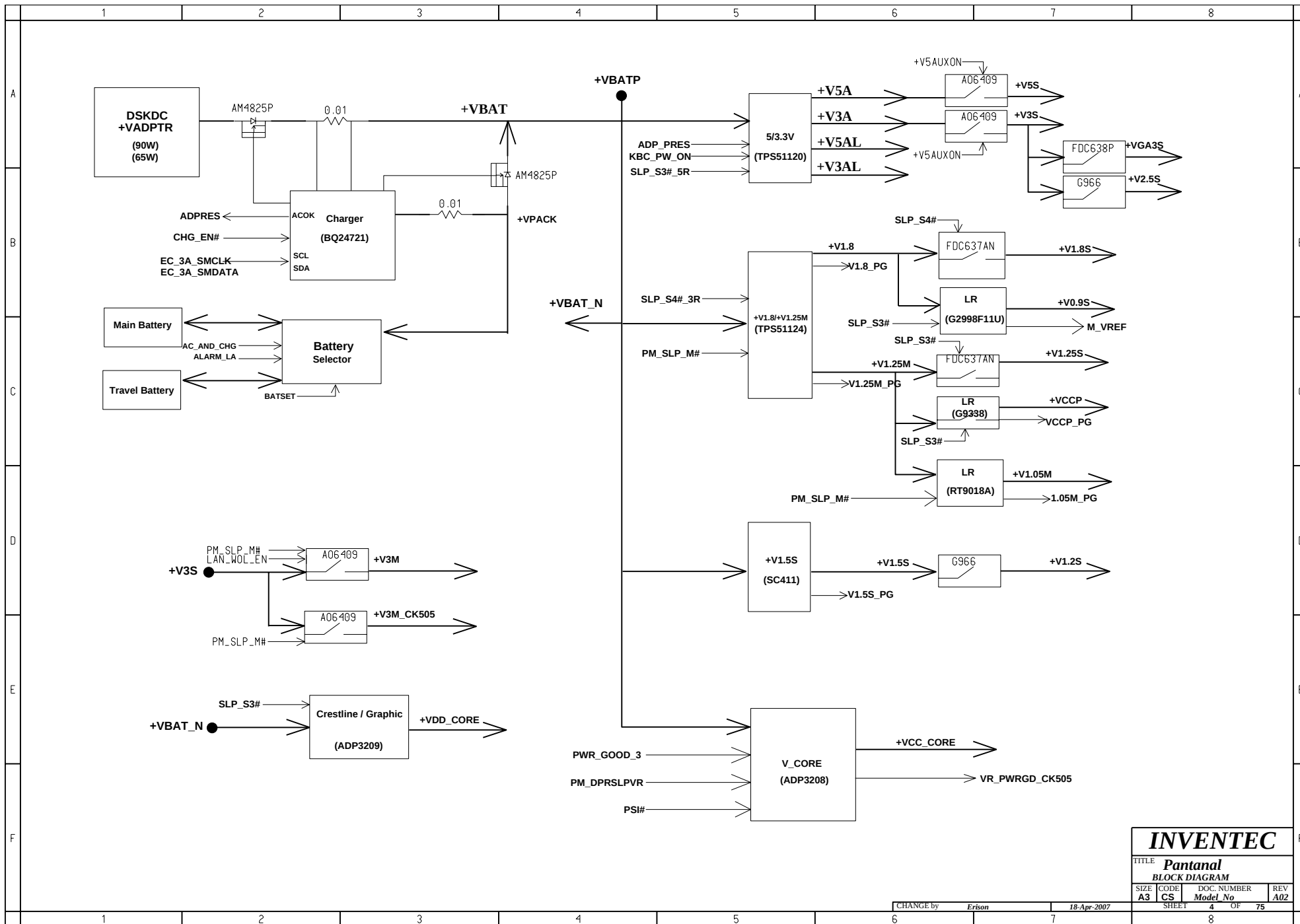


2007 0425





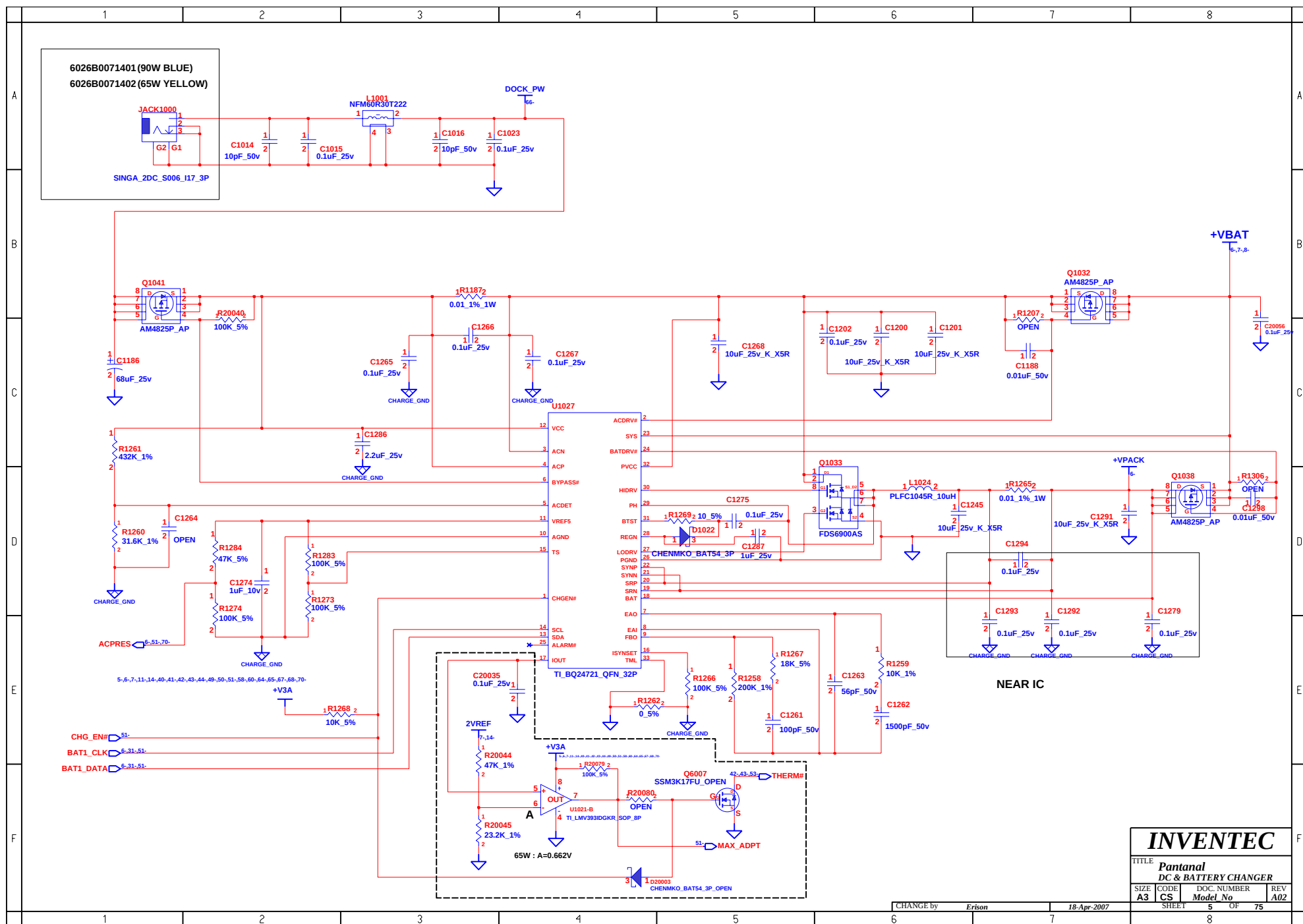
INVENTEC

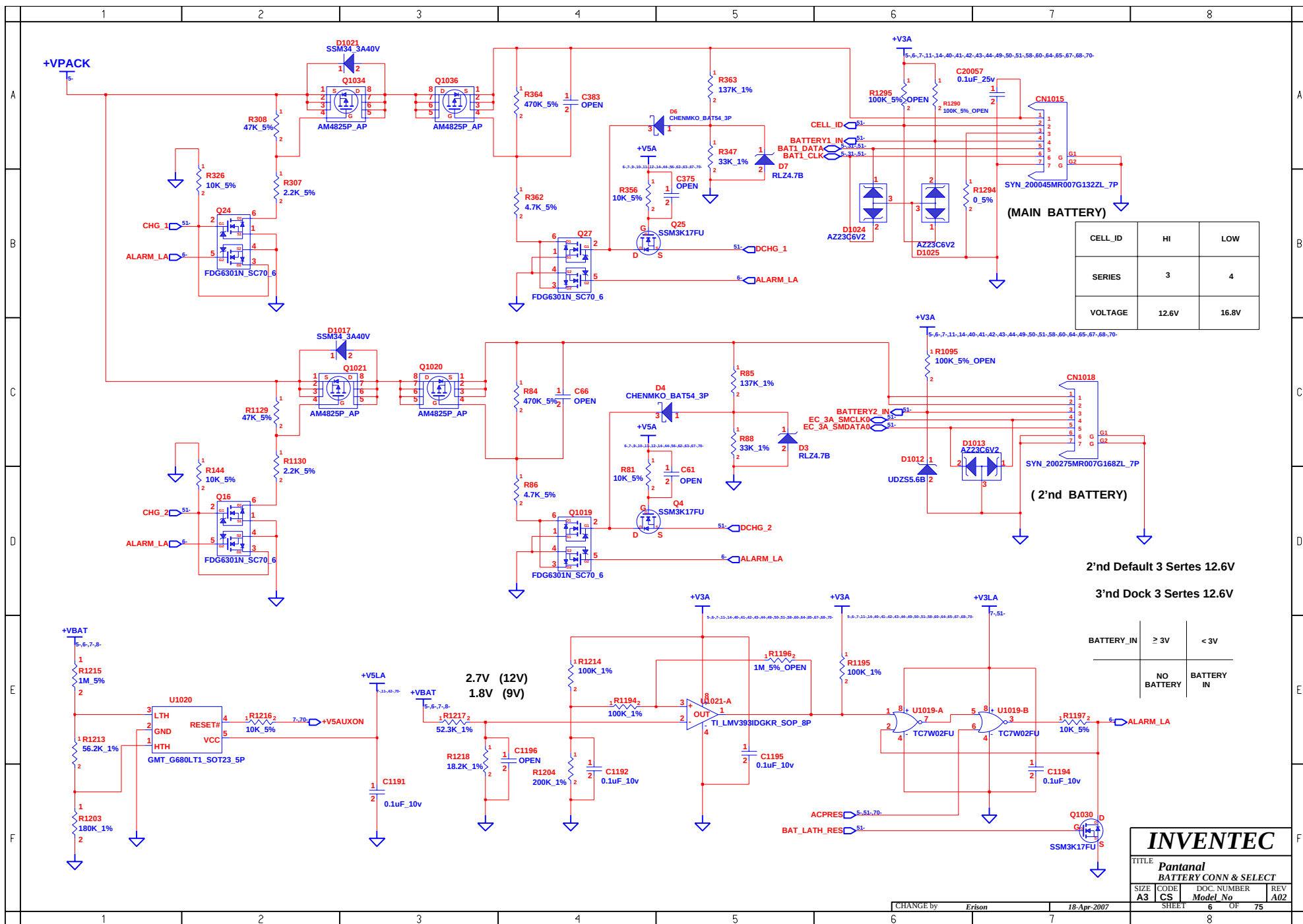
TITLE **Pantanal**
BLOCK DIAGRAM

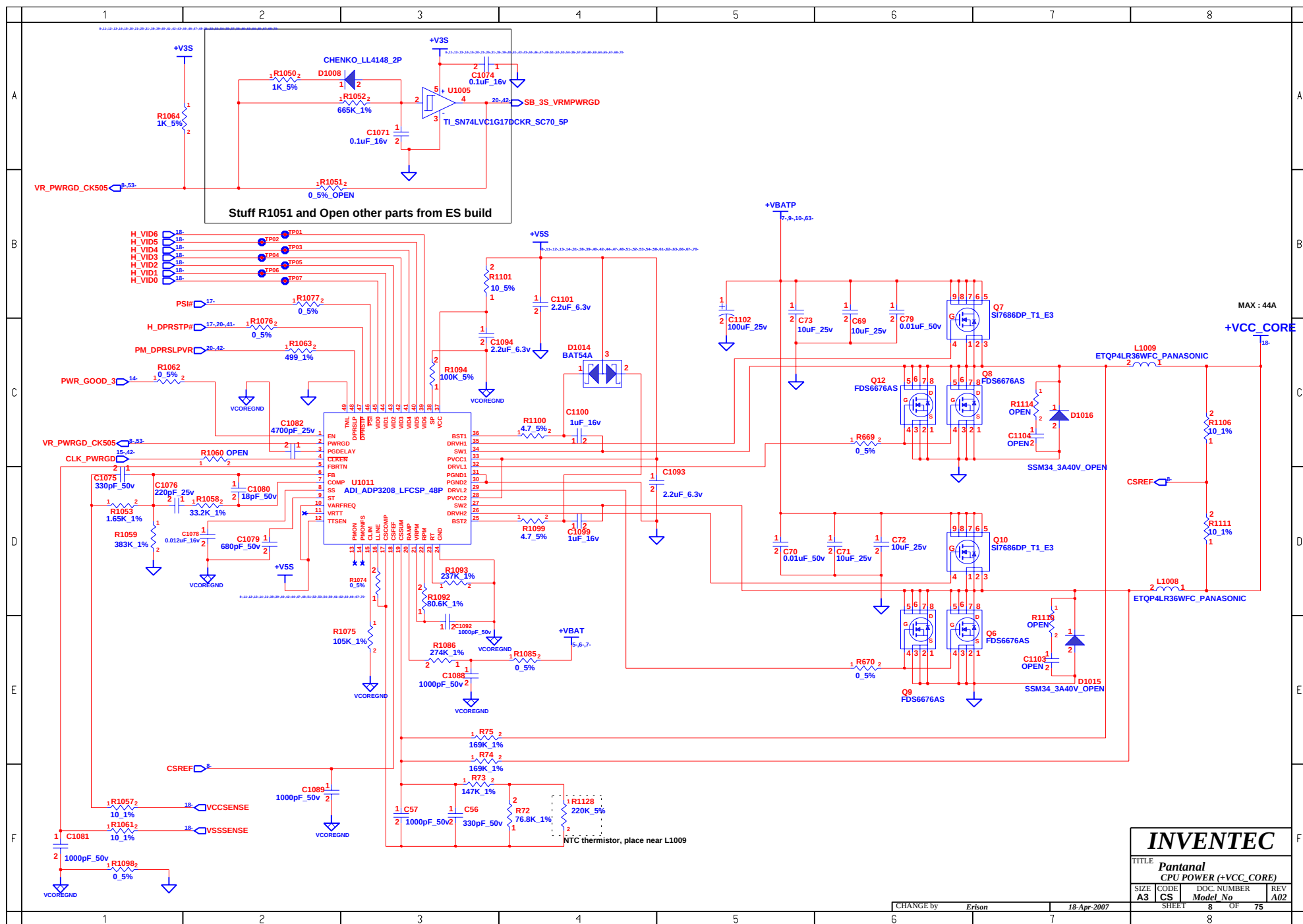
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

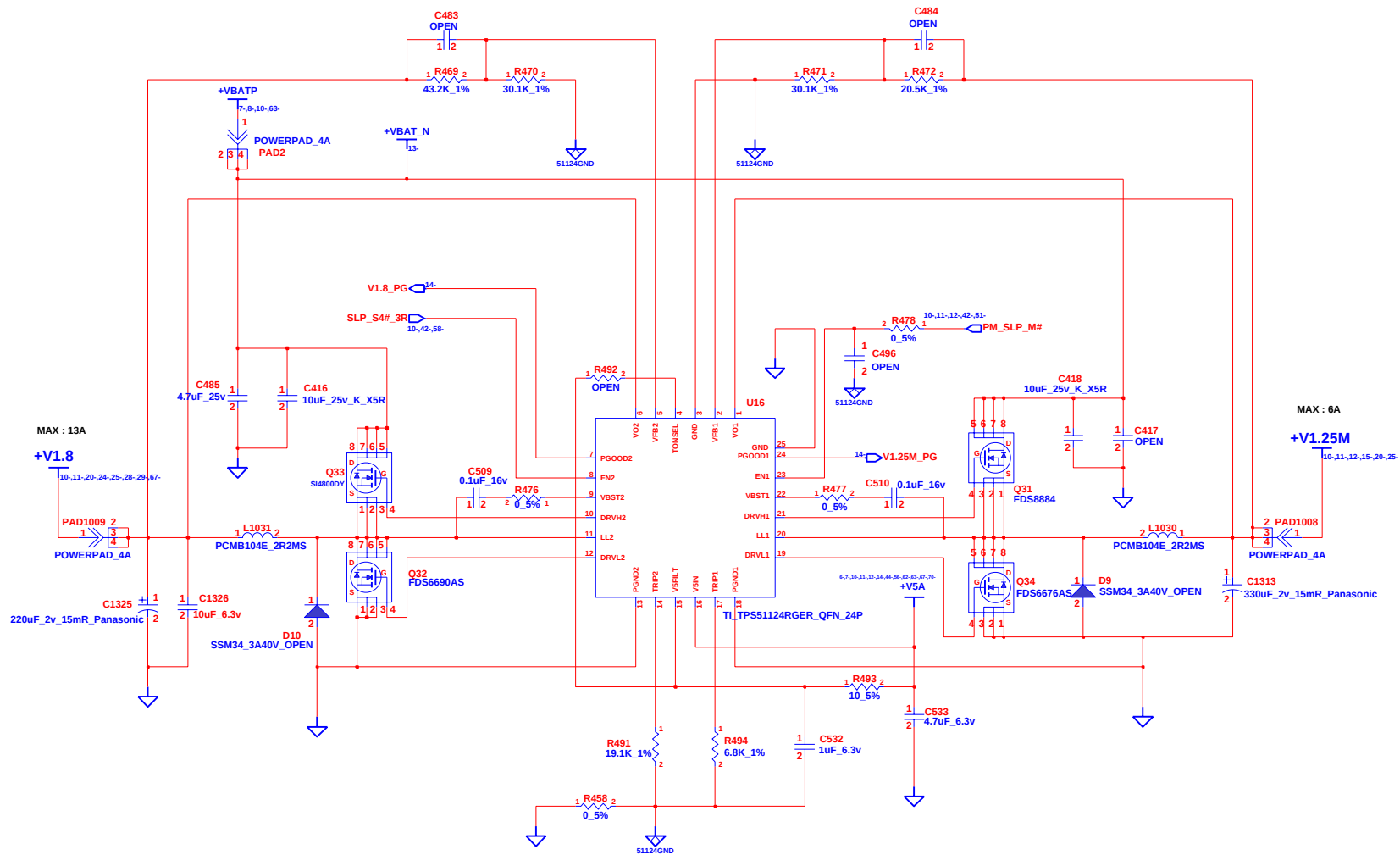
CHANGE by *Erison* 18-Apr-2007

SHEET 4 OF 75







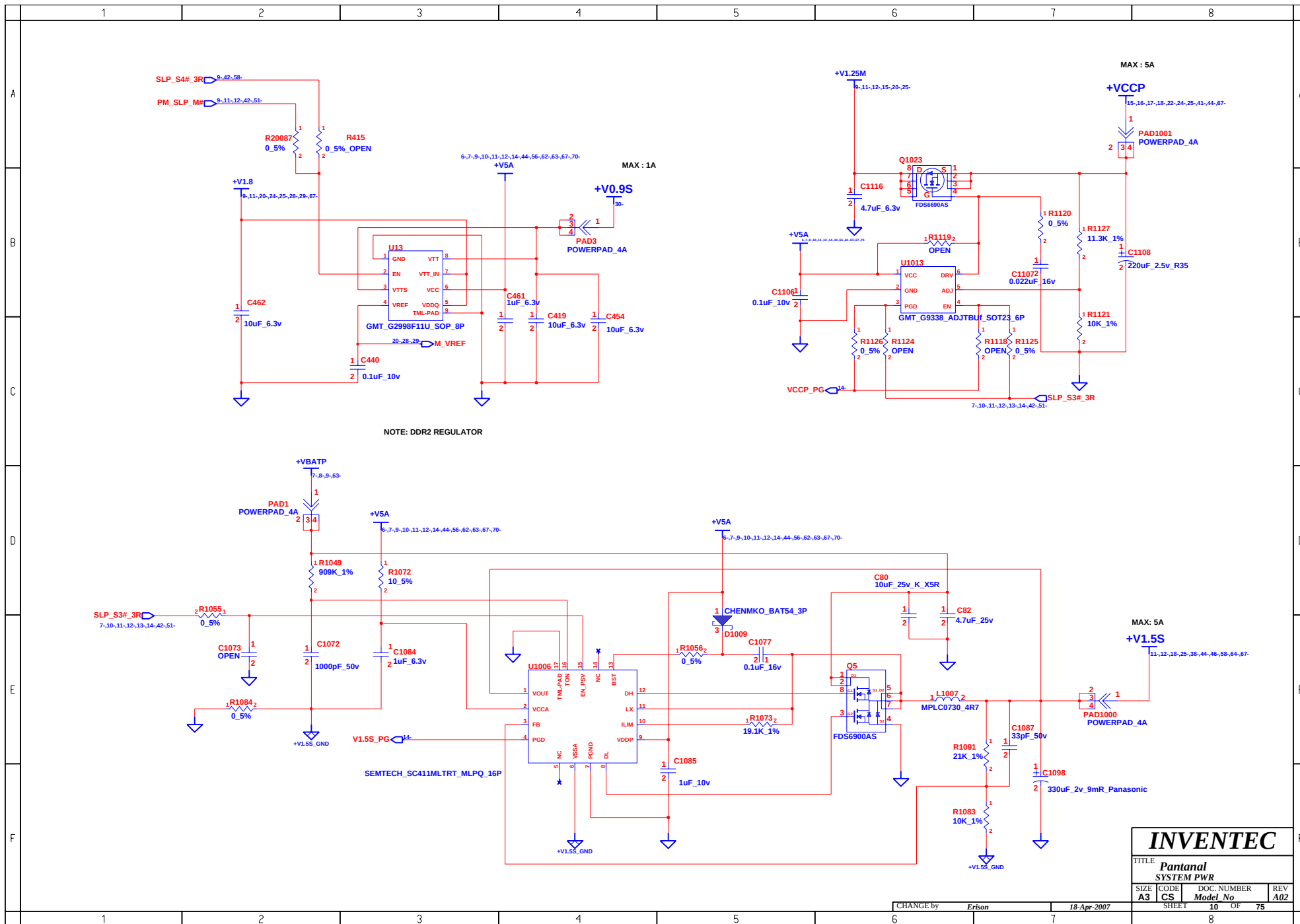


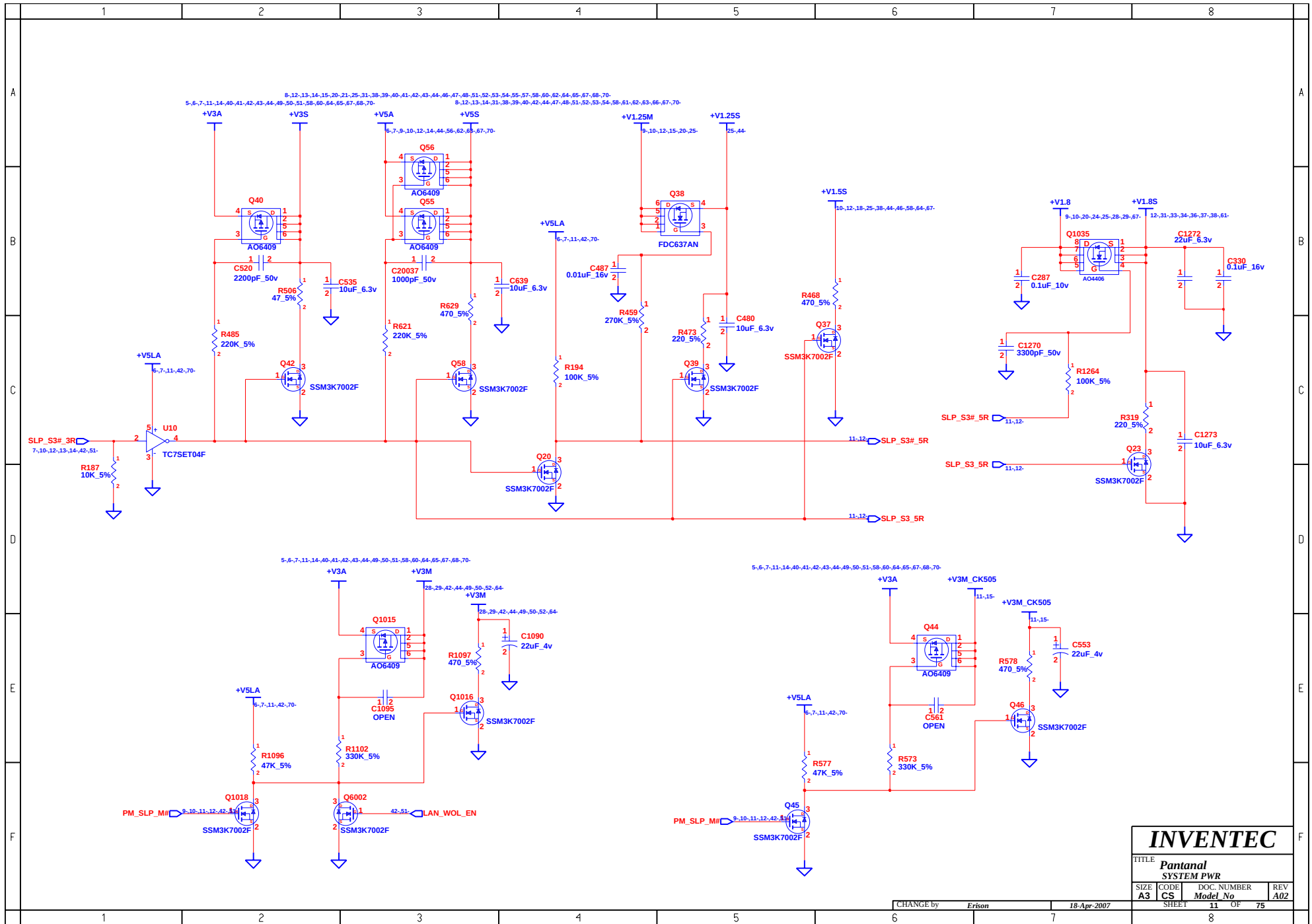
INVENTEC

TITLE			
Pantanal SYSTEM PWR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by Erison 18-Apr-2007

SHEET 9 OF 75

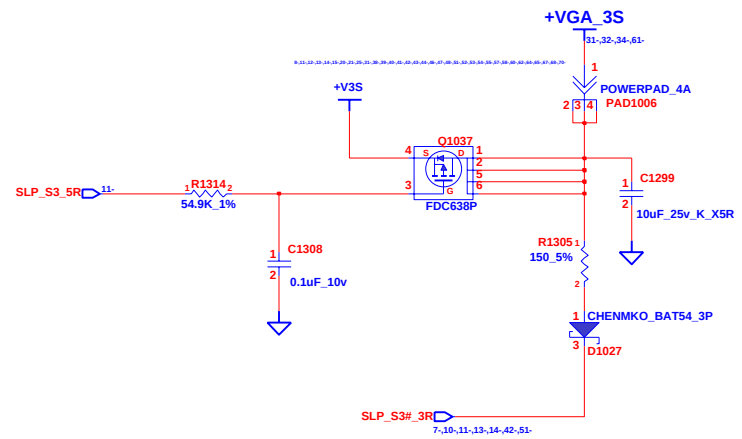
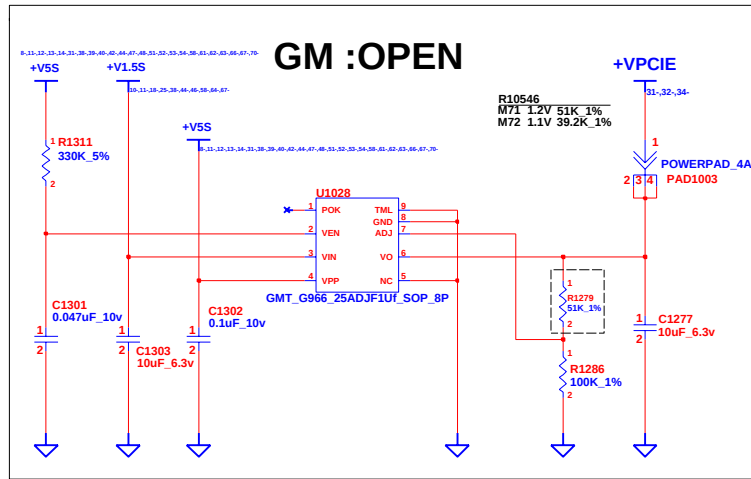
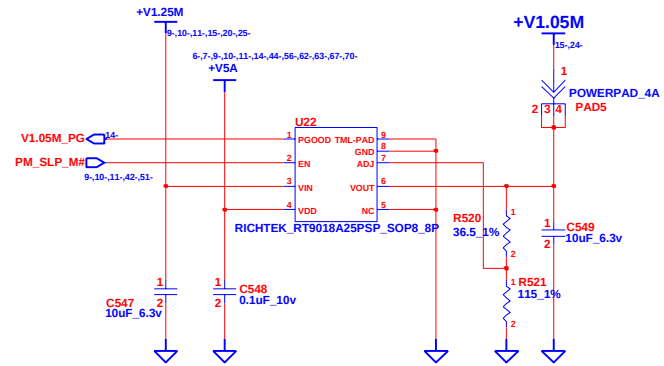
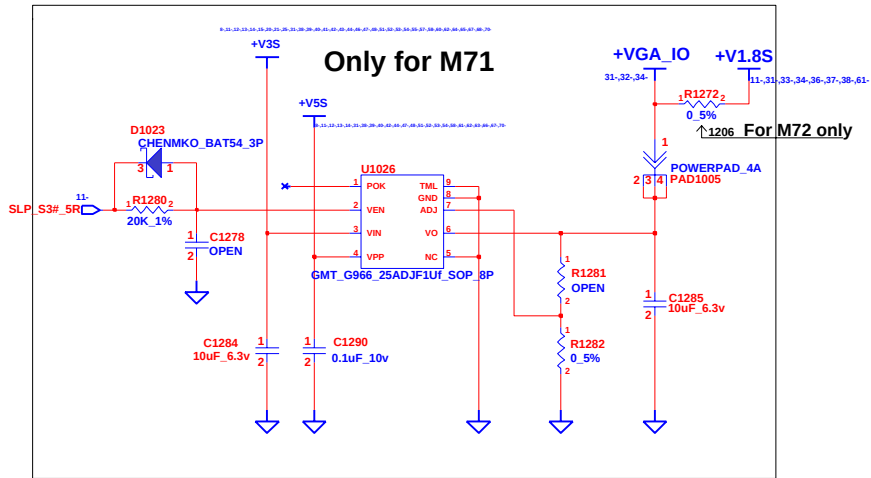




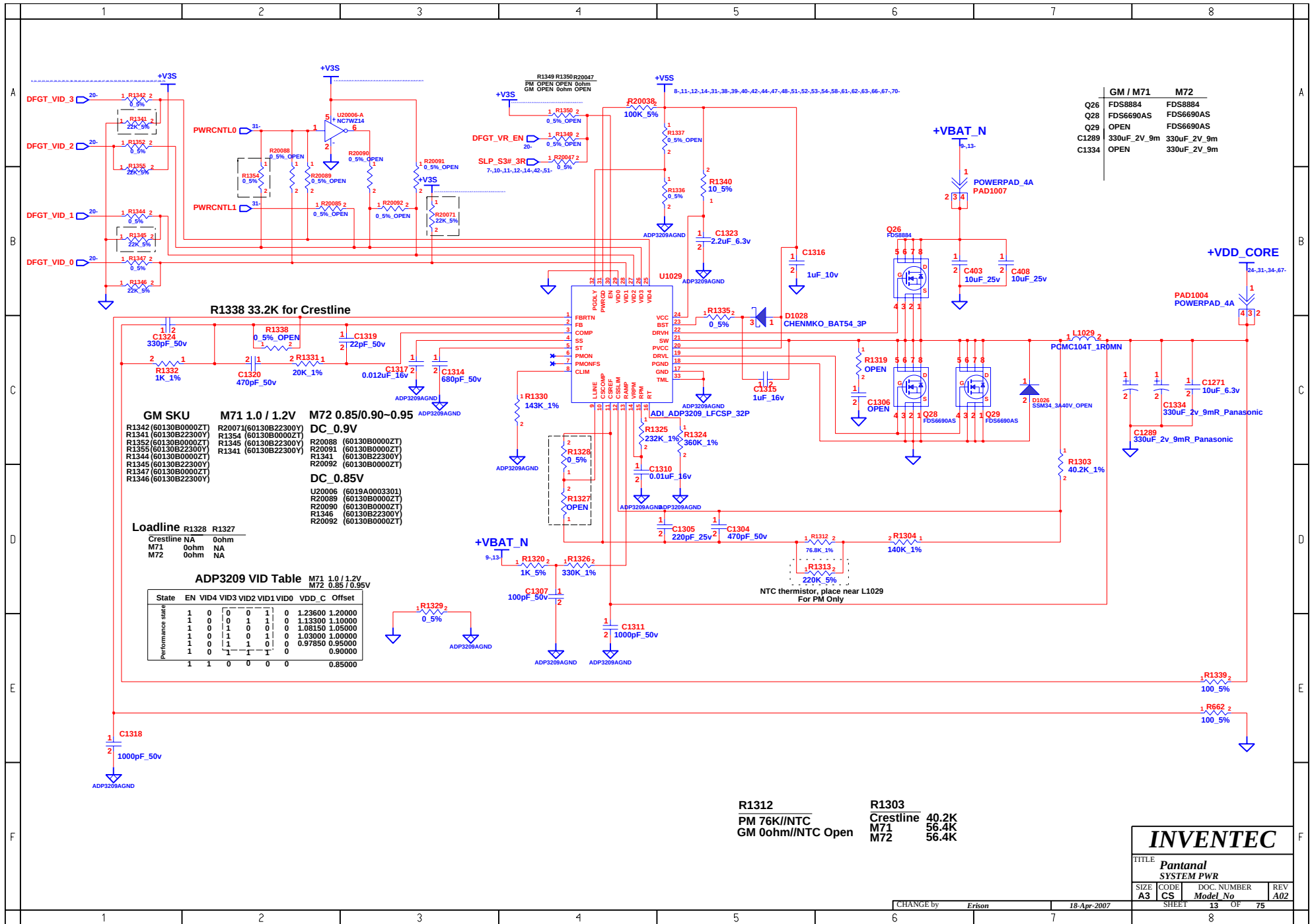
INVENTEC

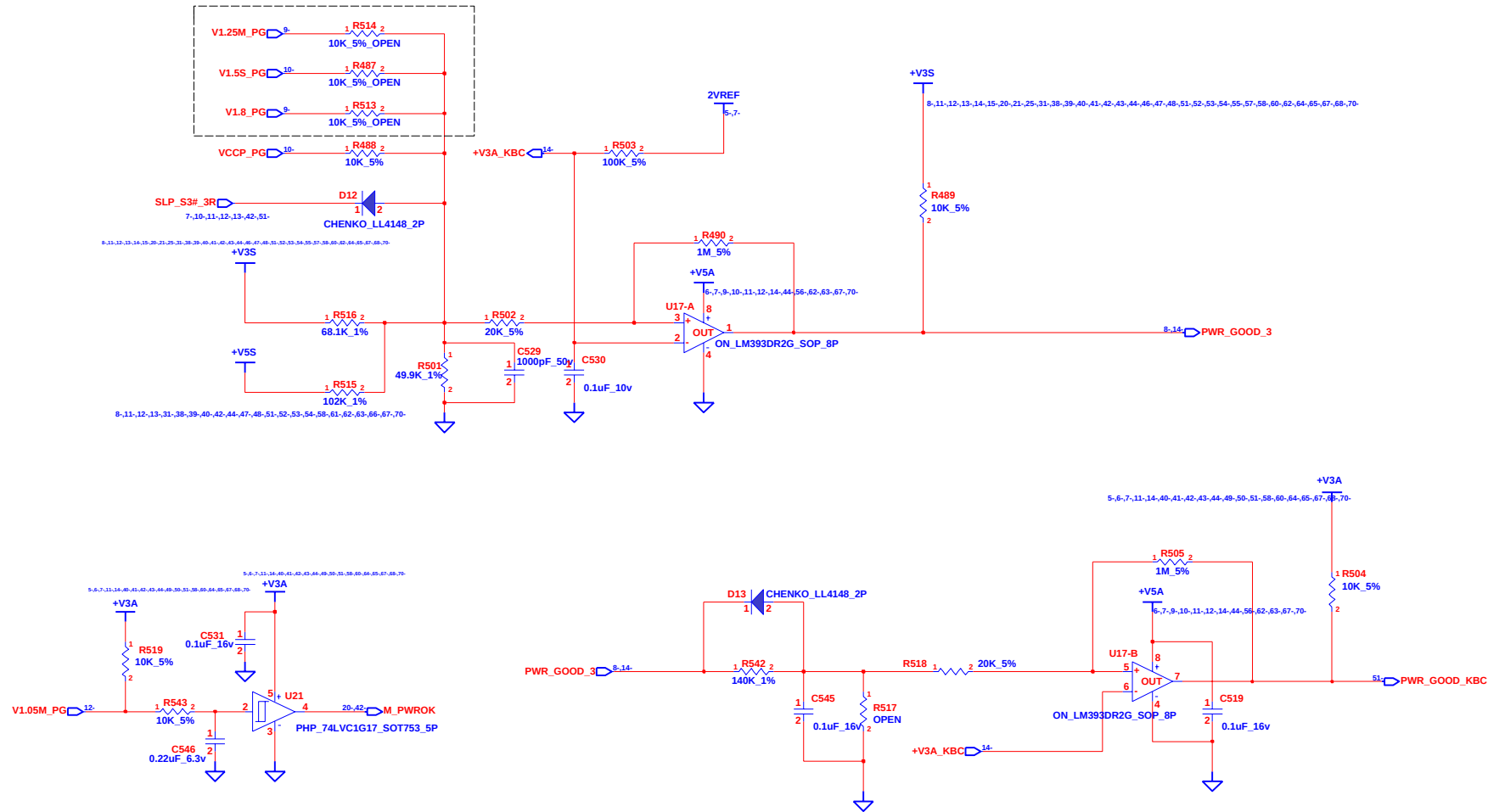
TITLE Pantanal SYSTEM PWR			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET 11 OF 75			

CHANGE by *Erison* 18-Apr-2007

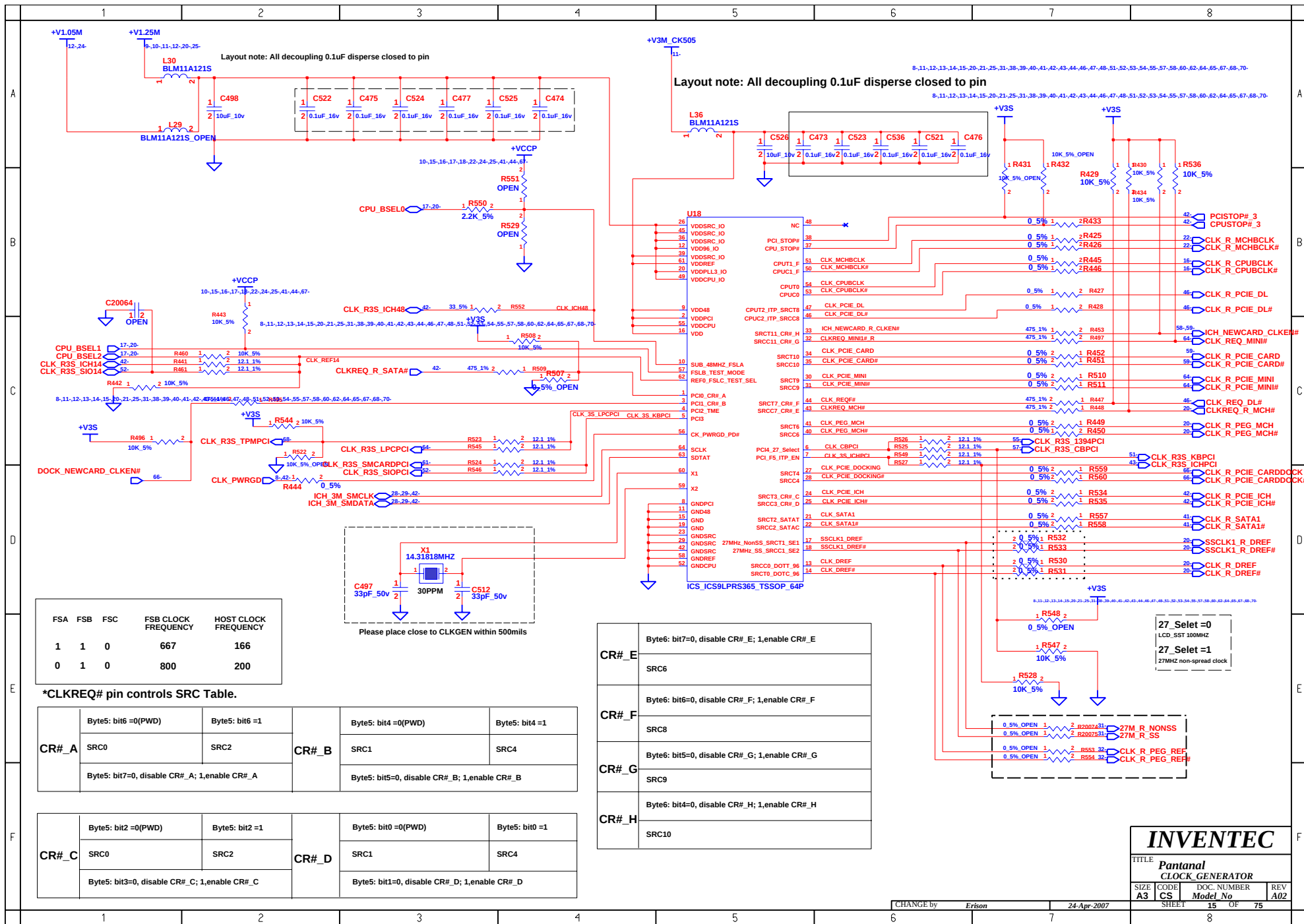


INVENTEC			
TITLE Pantanal SYSTEM PWR			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET		12	OF 75
8			





INVENTEC			
TITLE			
Pantanal SYSTEM PWR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
CHANGE by		Erison	18-Apr-2007
SHEET		14	OF 75



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

*CLKREQ# pin controls SRC Table.

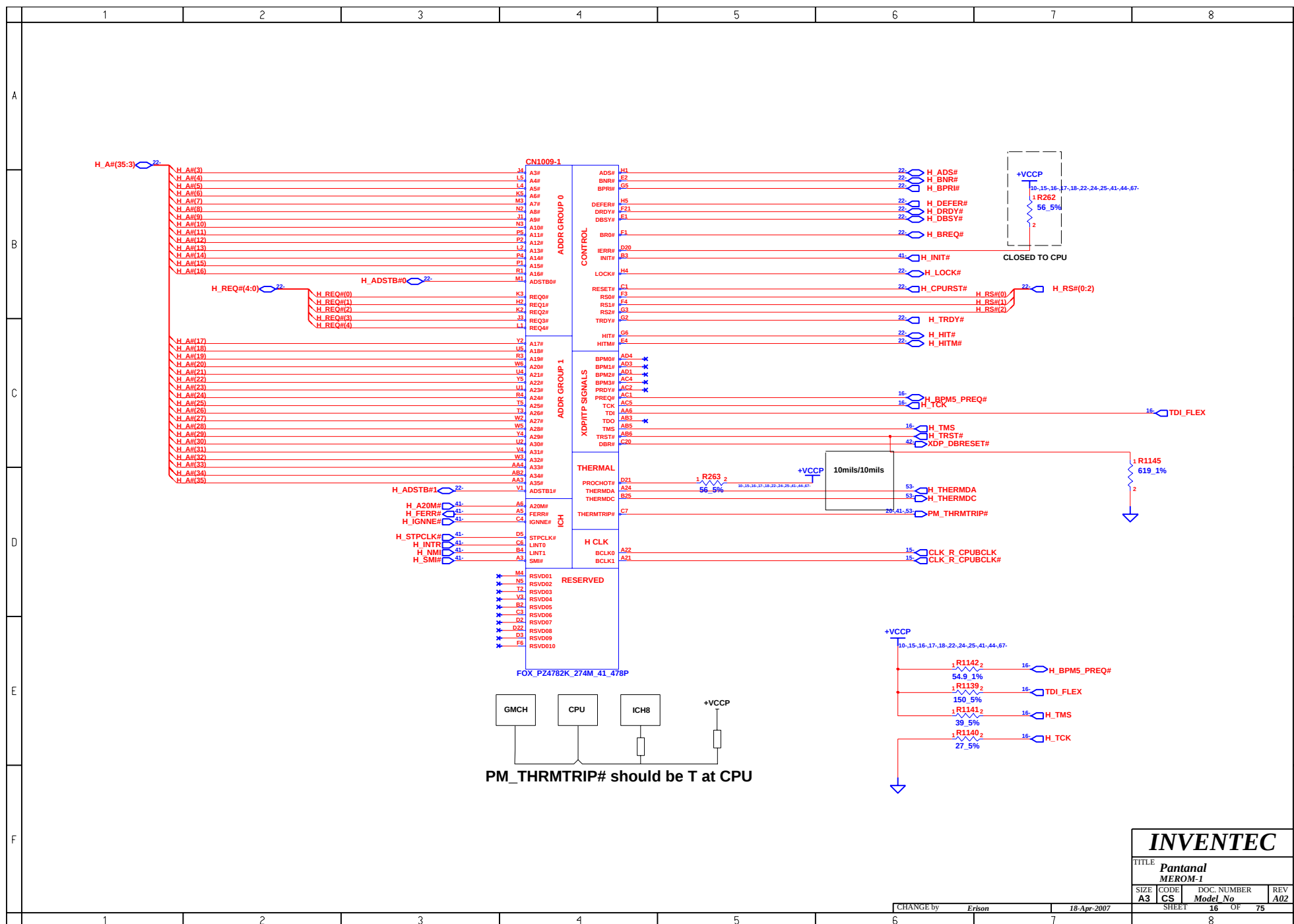
CR#_A	Byte5: bit6 =0(PWD)	Byte5: bit6 =1	CR#_B	Byte5: bit4 =0(PWD)	Byte5: bit4 =1
	SRC0	SRC2		SRC1	SRC4
	Byte5: bit7=0, disable CR#_A; 1,enable CR#_A			Byte5: bit5=0, disable CR#_B; 1,enable CR#_B	

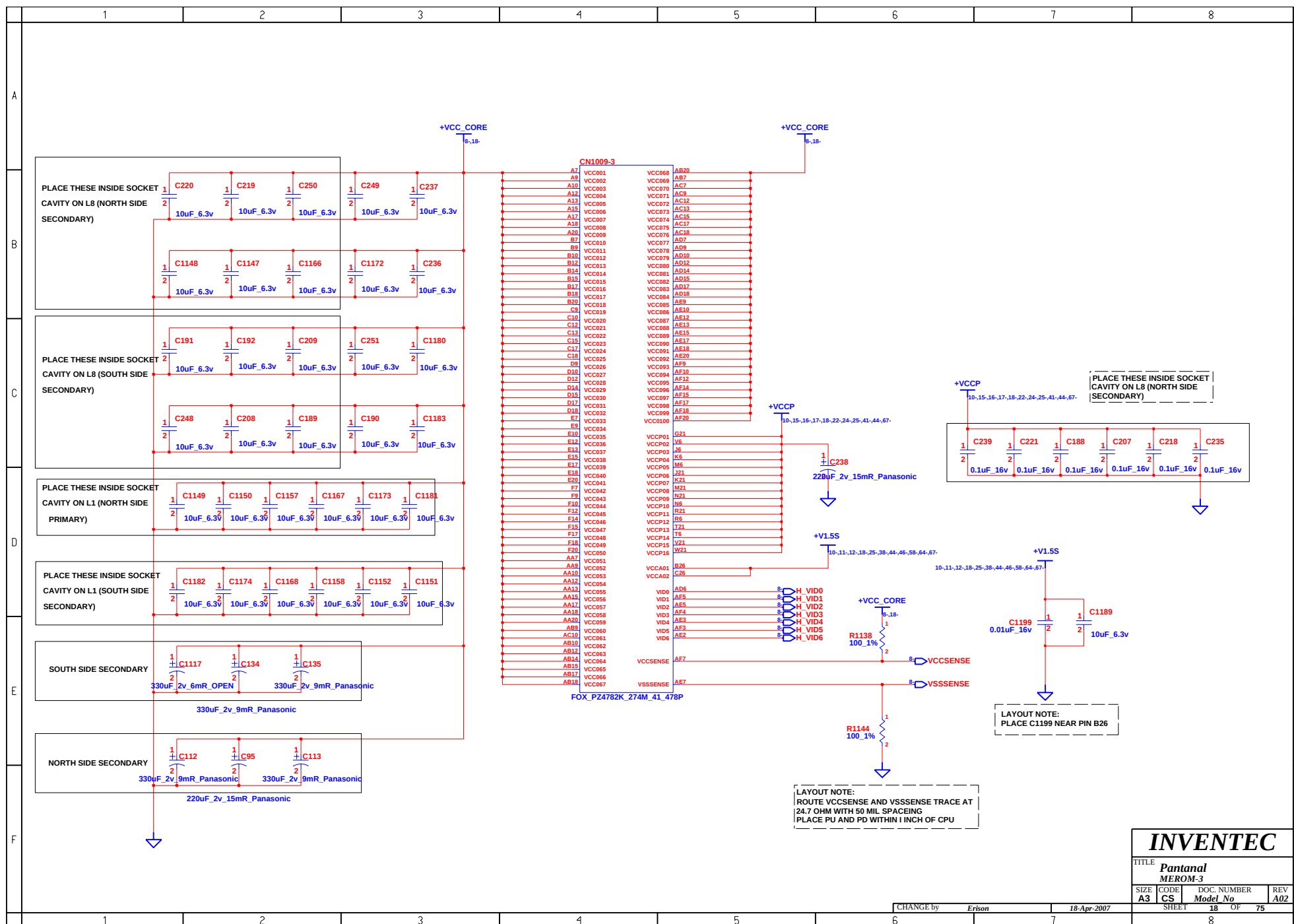
CR#_C	Byte5: bit2 =0(PWD)	Byte5: bit2 =1	CR#_D	Byte5: bit0 =0(PWD)	Byte5: bit0 =1
	SRC0	SRC2		SRC1	SRC4
	Byte5: bit3=0, disable CR#_C; 1,enable CR#_C			Byte5: bit1=0, disable CR#_D; 1,enable CR#_D	

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	

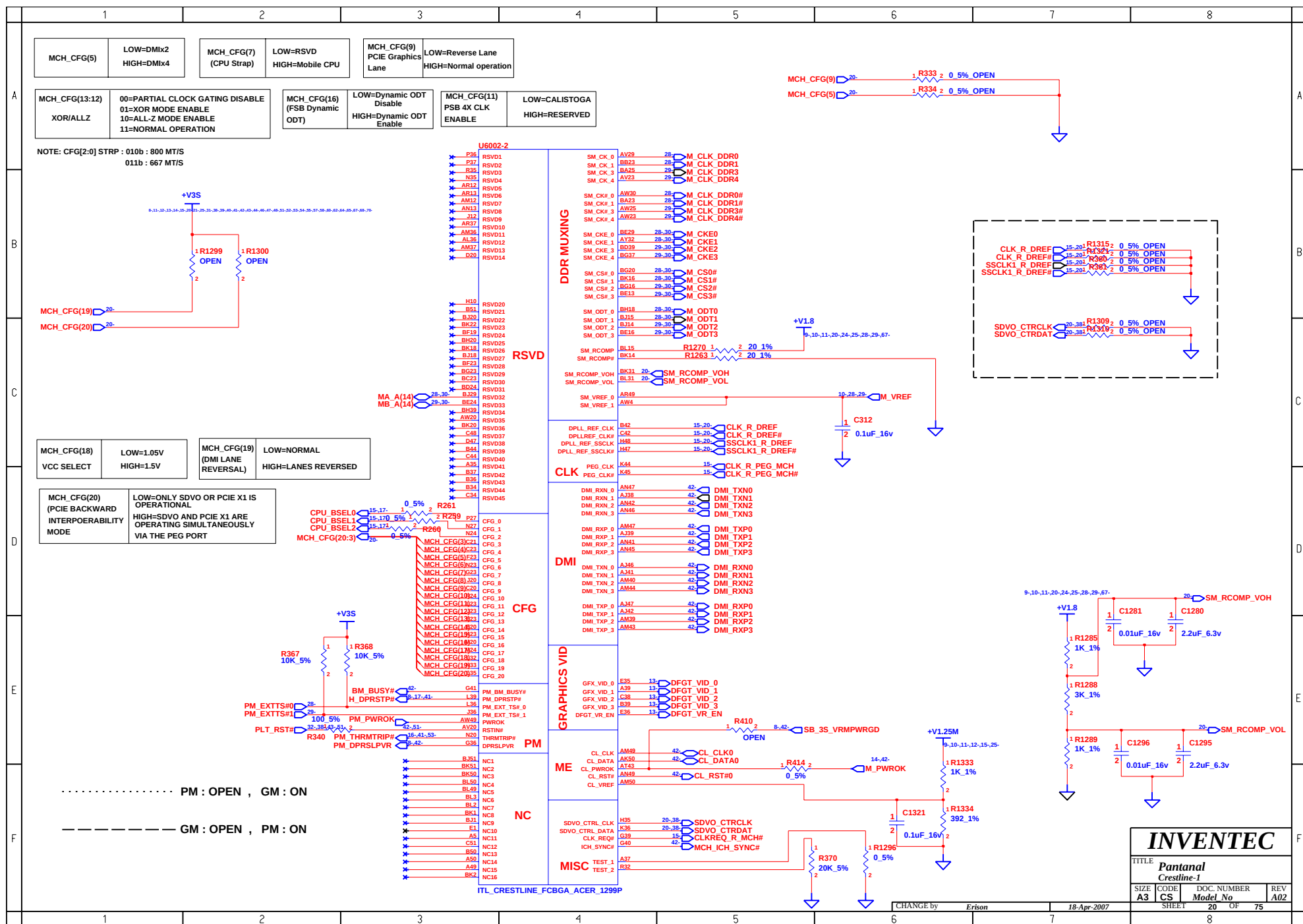
INVENTEC

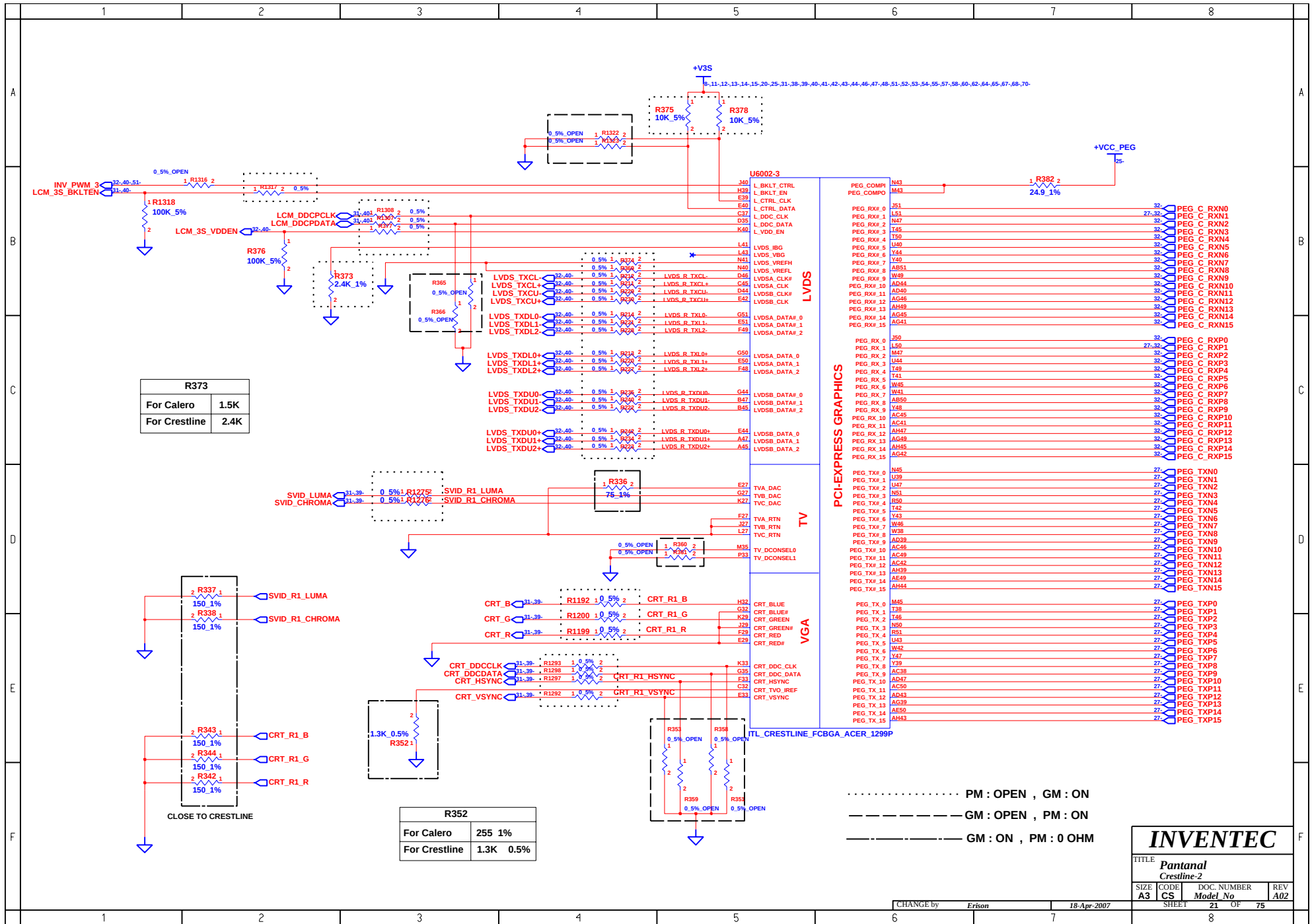
TITLE Pantanal CLOCK GENERATOR			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02

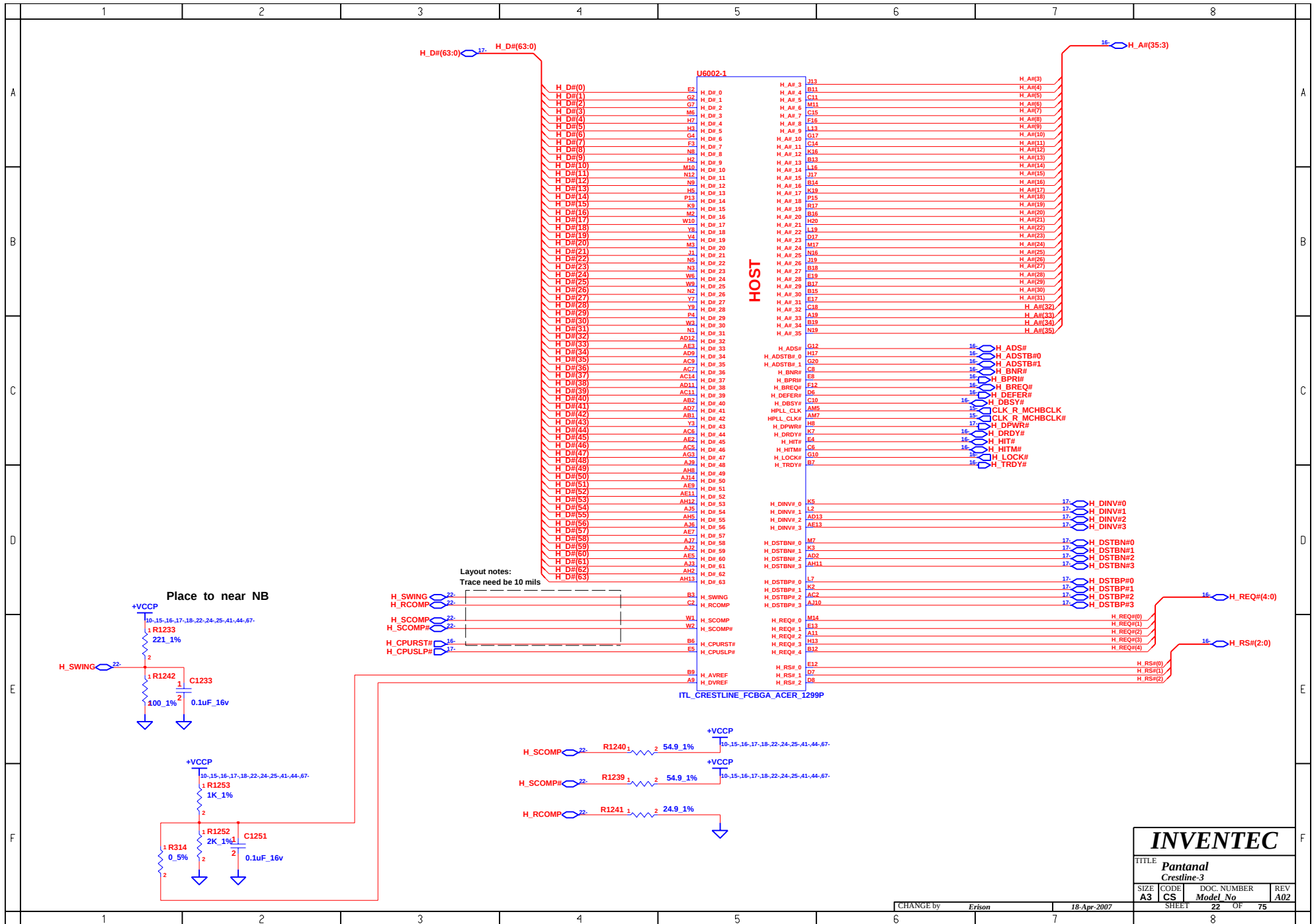


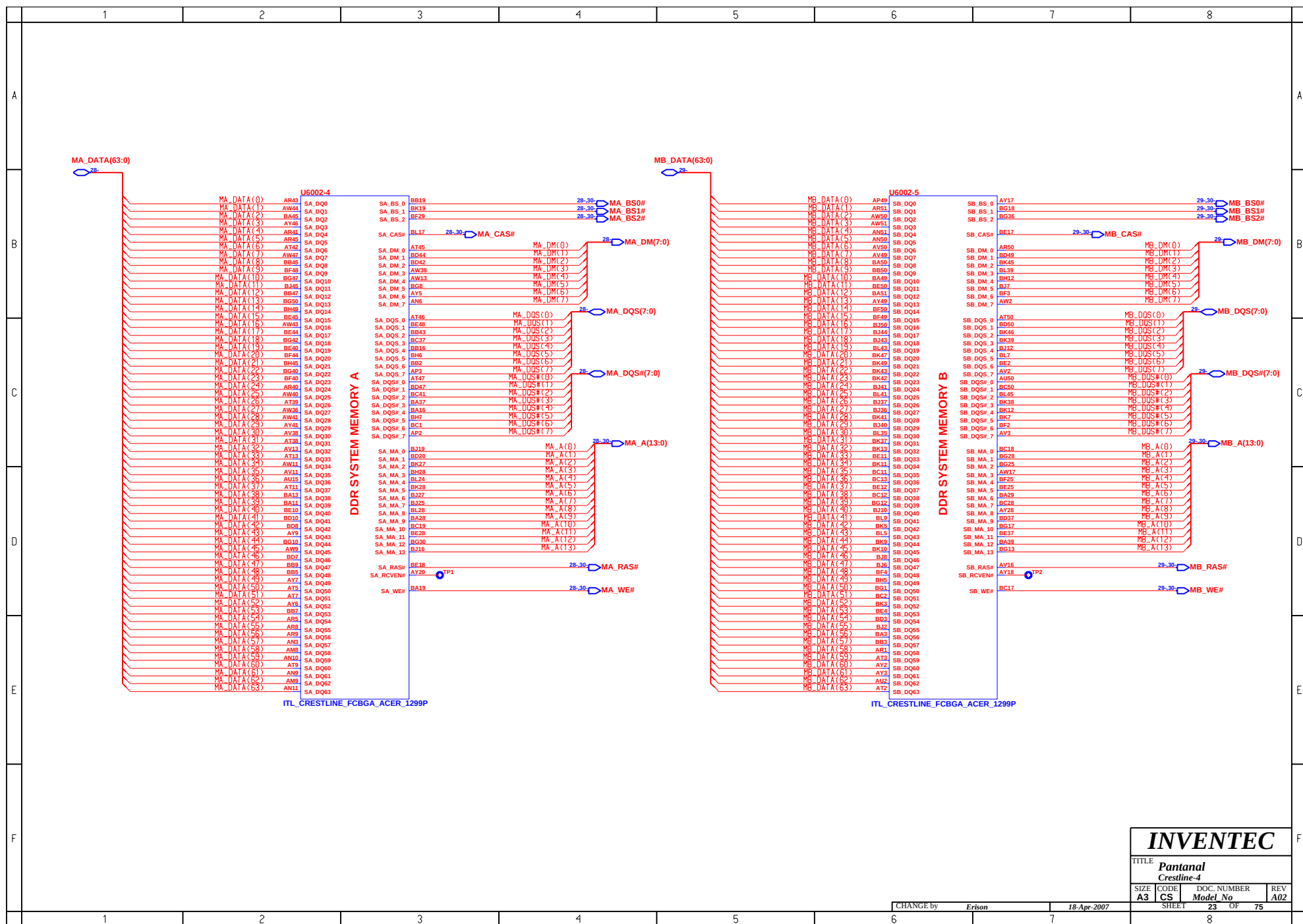


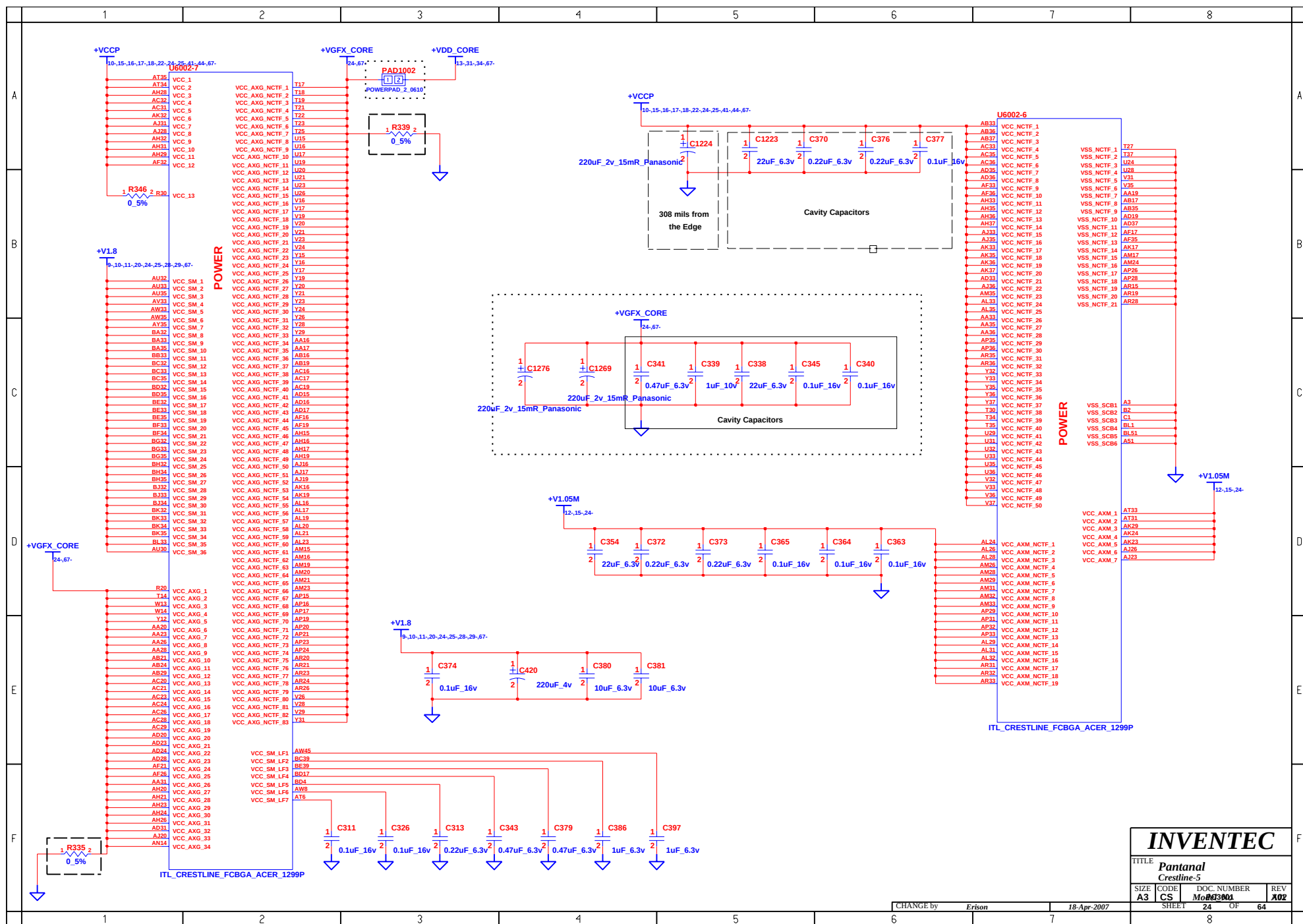
[illegible]

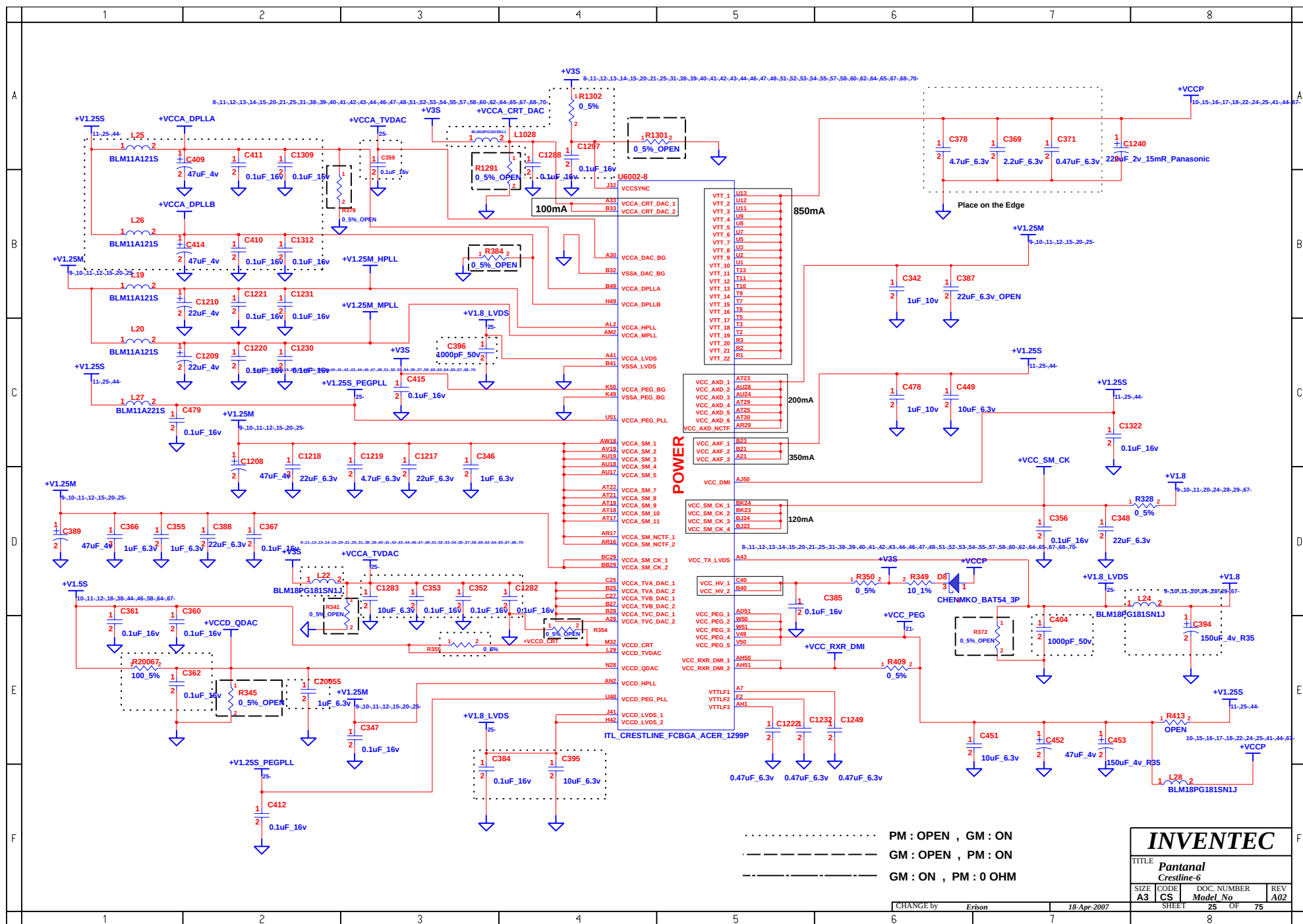


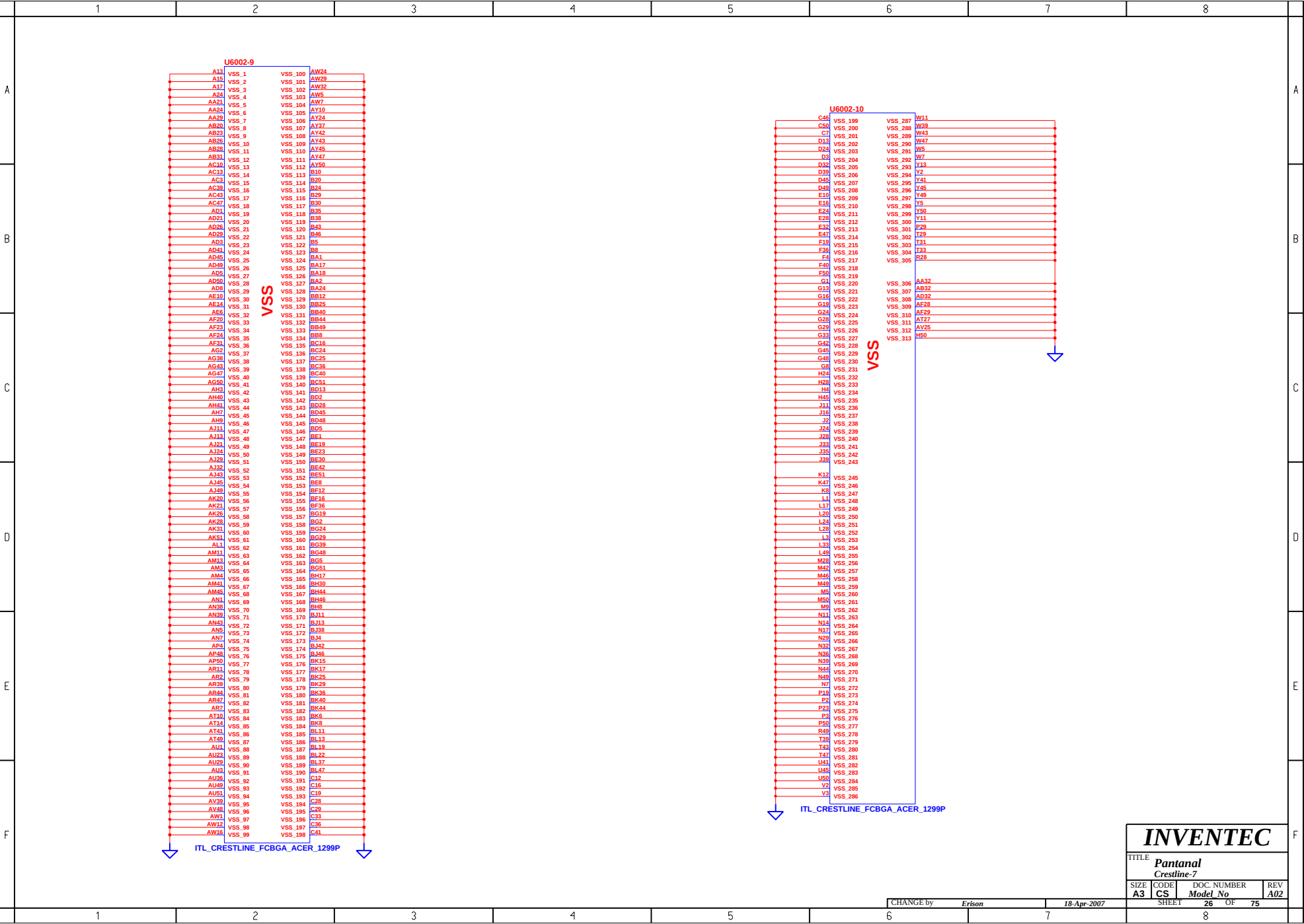


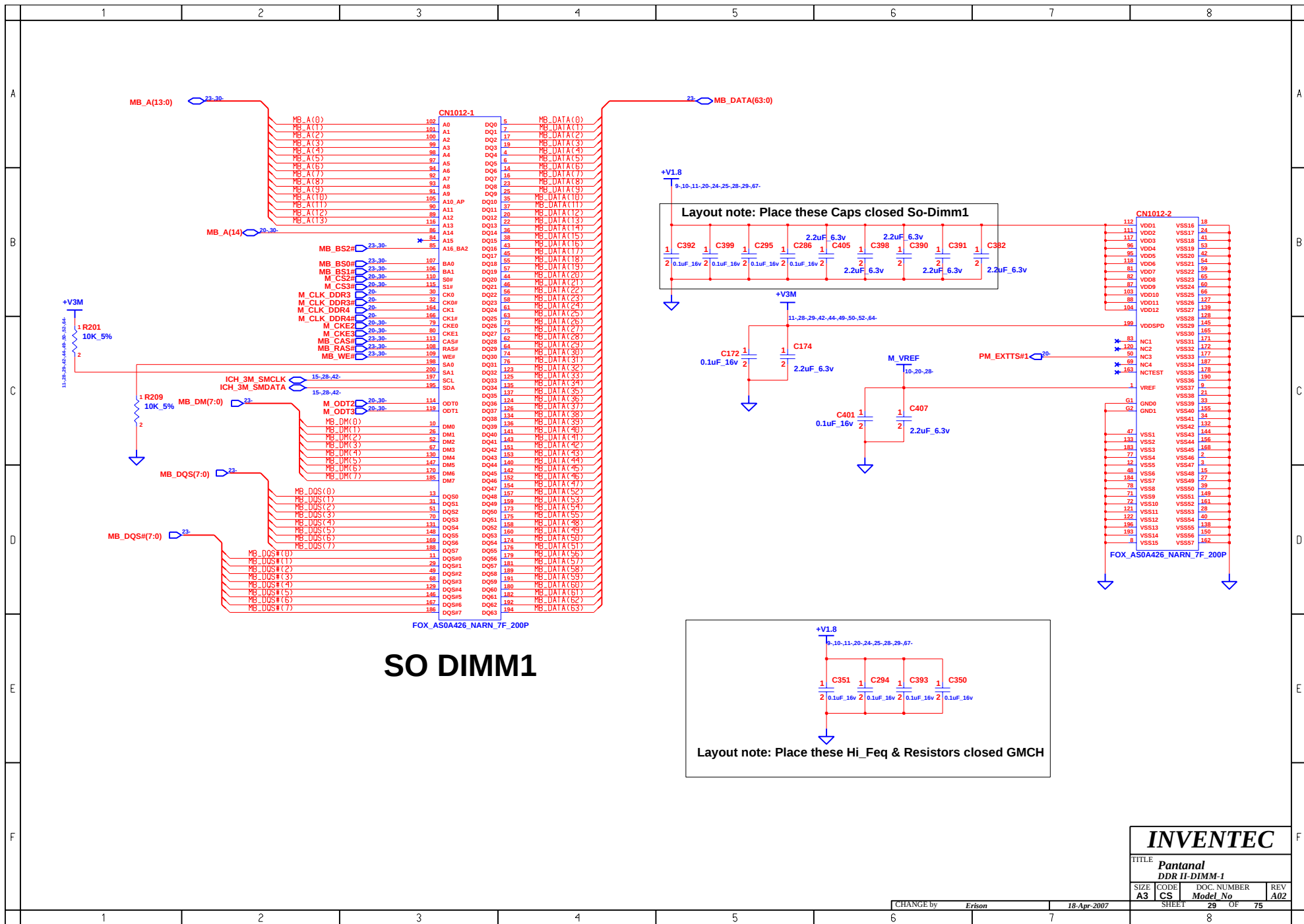












SO DIMM1

Layout note: Place these Hi_Feq & Resistors closed GMCH

+V1.8
9,10,11,20,24,25,28,29,67.

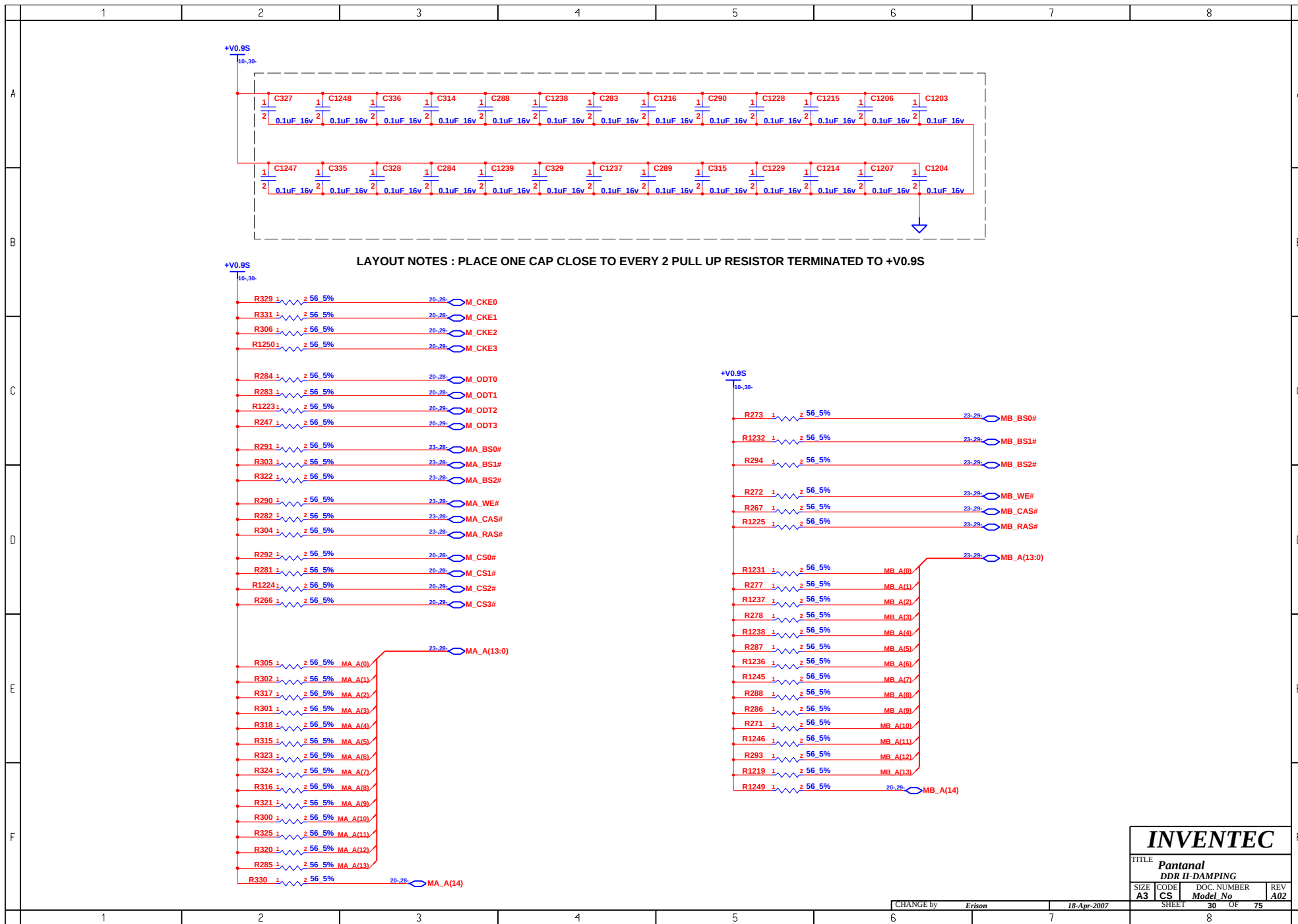
C351 1 2 0.1uF_16v 2
C294 1 2 0.1uF_16v 2
C393 1 2 0.1uF_16v 2
C350 1 2 0.1uF_16v 2

INVENTEC

TITLE			
Pantanal			
DDR II-DIMM-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by Erison 18-Apr-2007

SHEET 29 OF 75

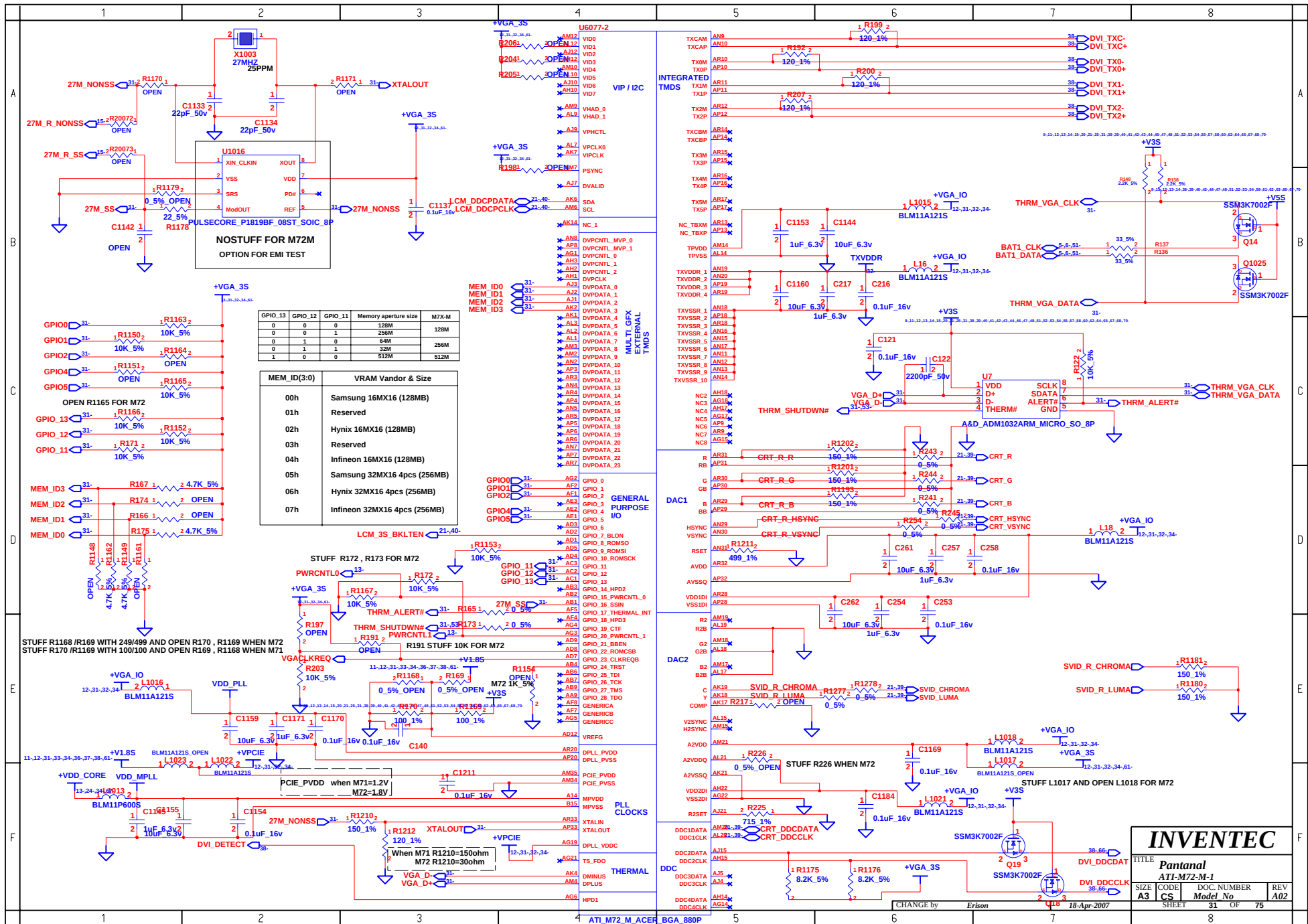


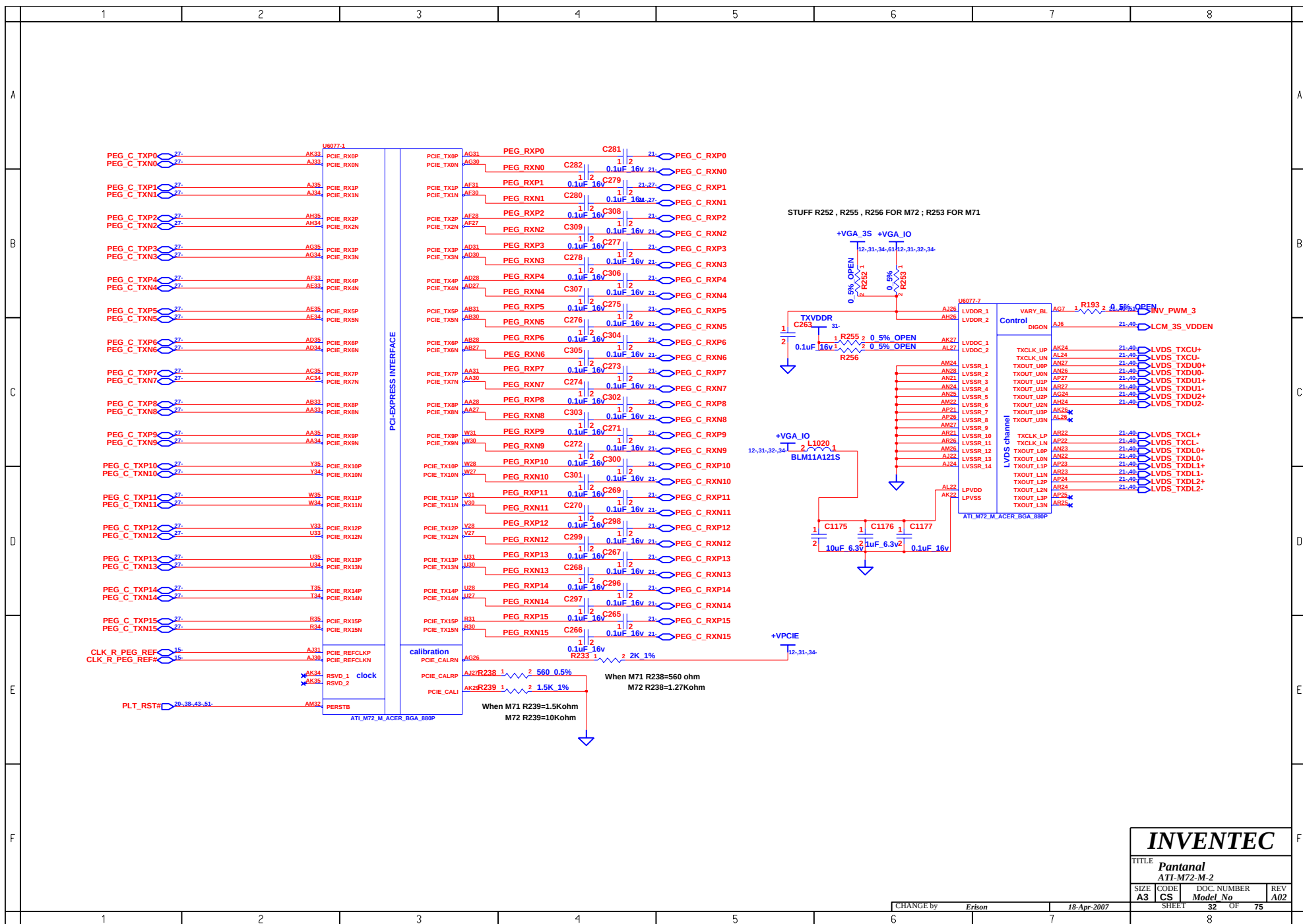
INVENTEC

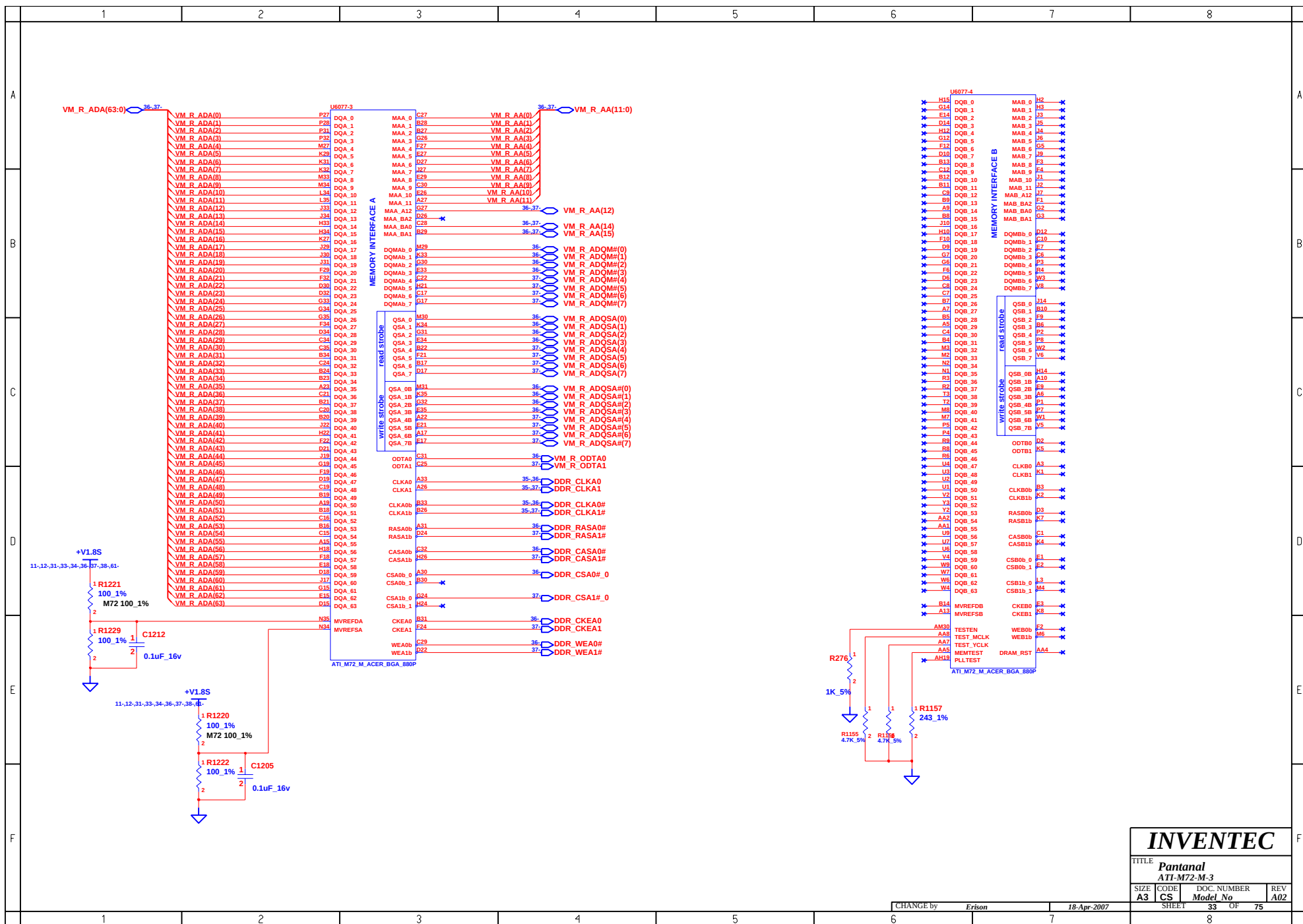
TITLE			
Pantanal			
DDR II-DAMPING			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

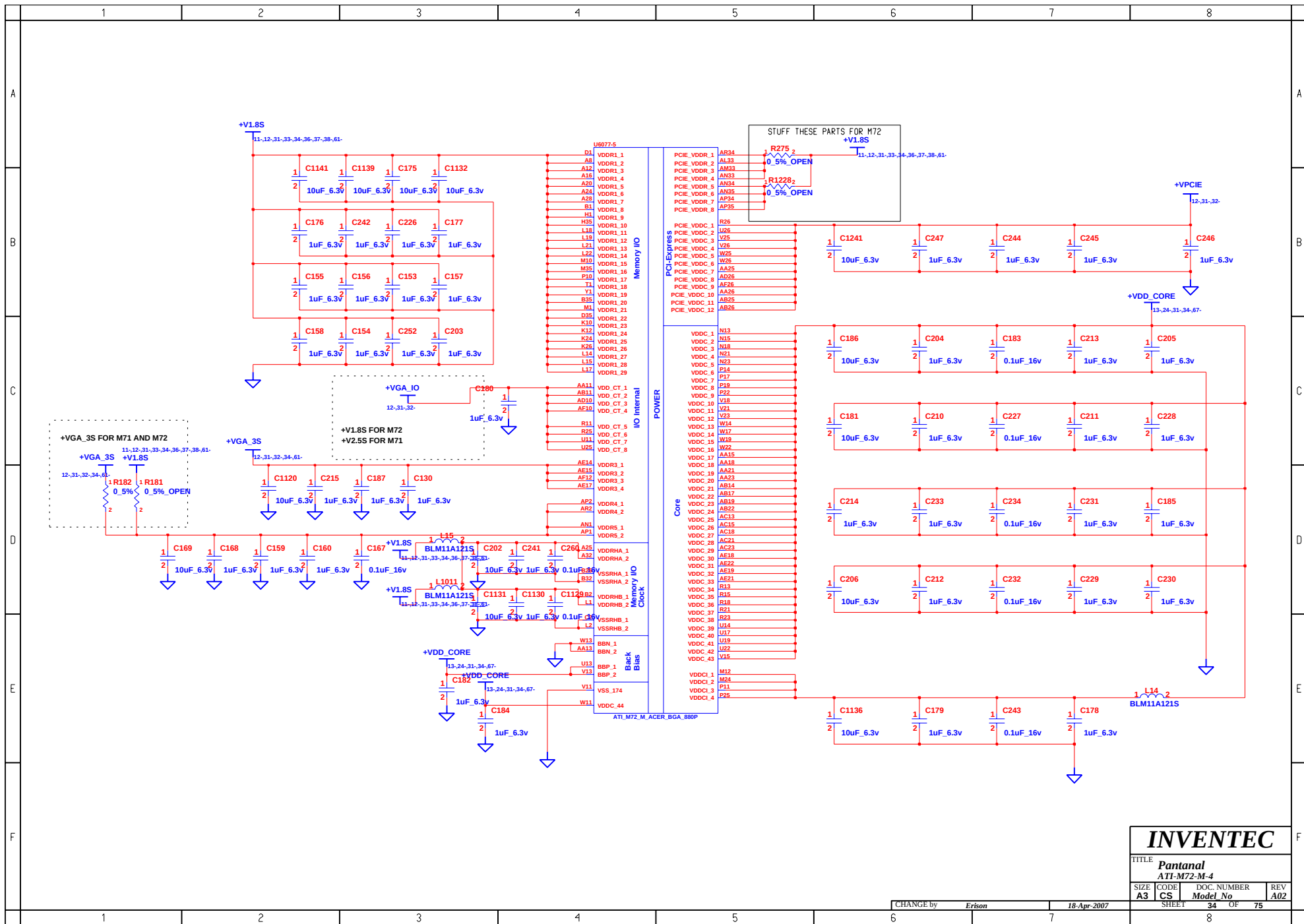
CHANGE by Erison 18-Apr-2007

SHEET 30 OF 75







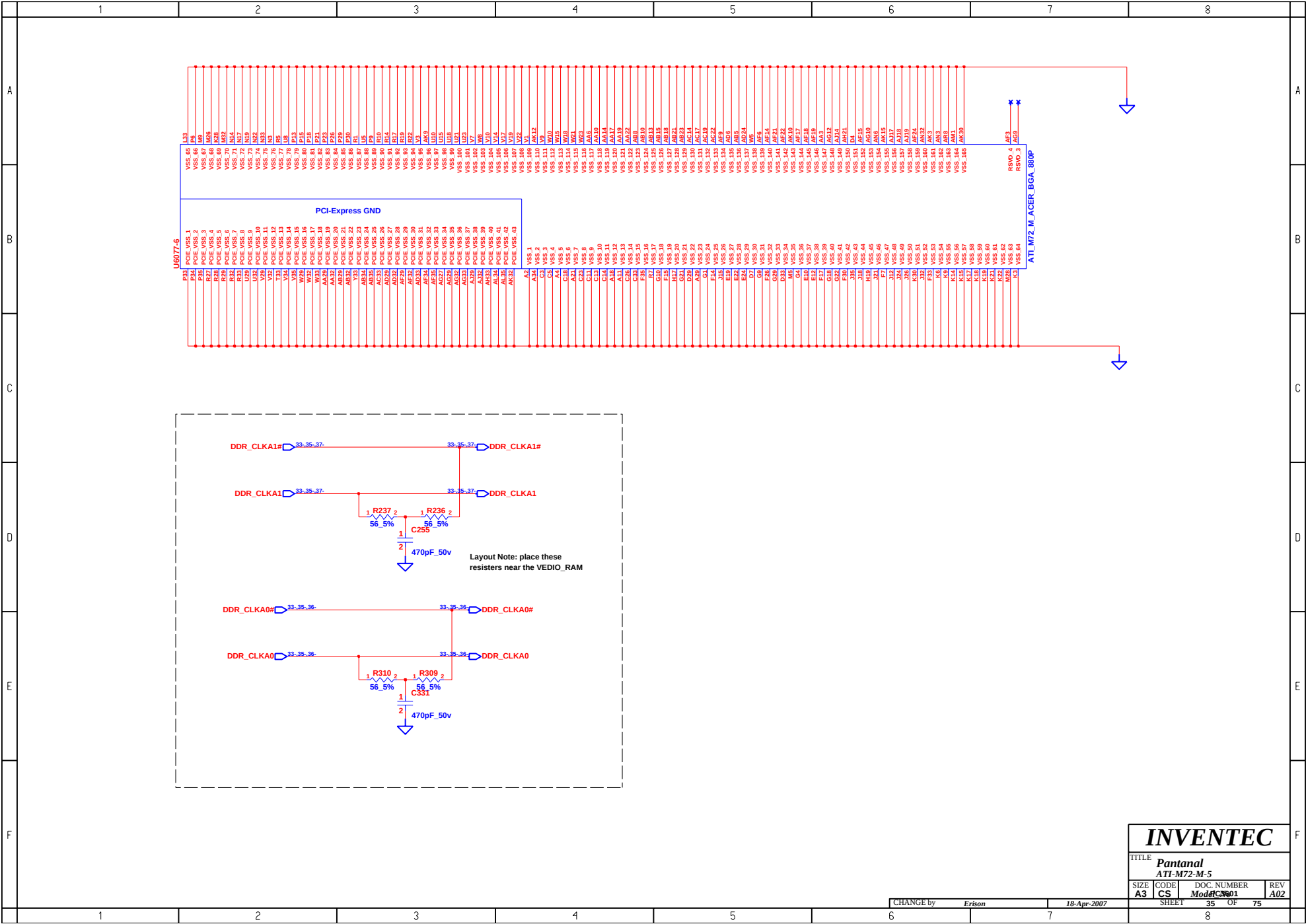


INVENTEC

TITLE Pantanal ATI-M72-M-4			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02

CHANGE by *Erison* 18-Apr-2007

SHEET 34 OF 75

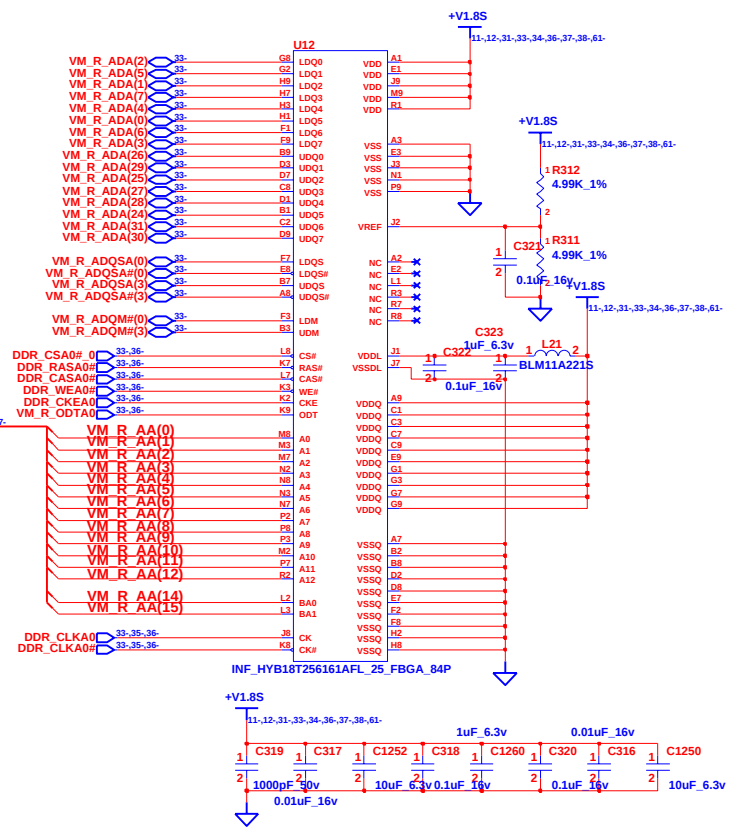
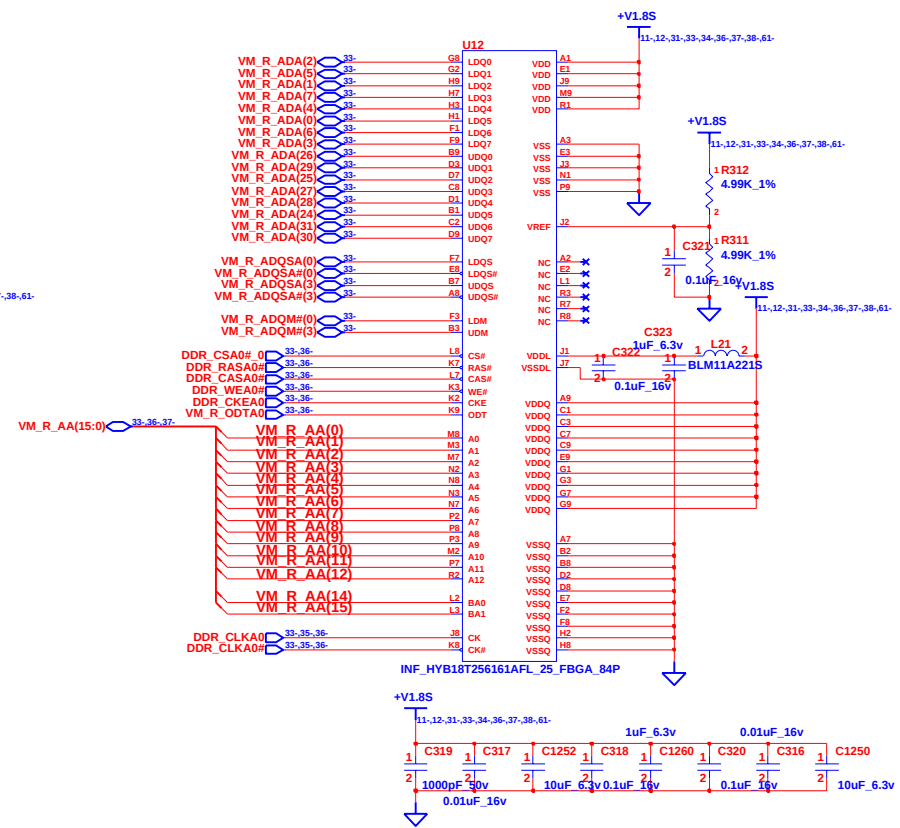


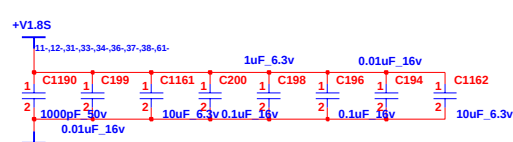
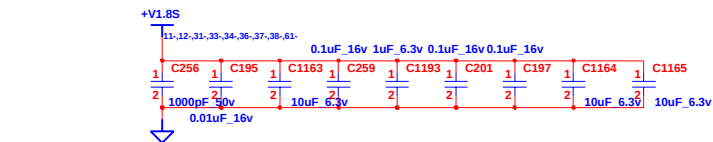
INVENTEC

TITLE			
Pantanal			
ATI-M72-M-5			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model#C0001	A02

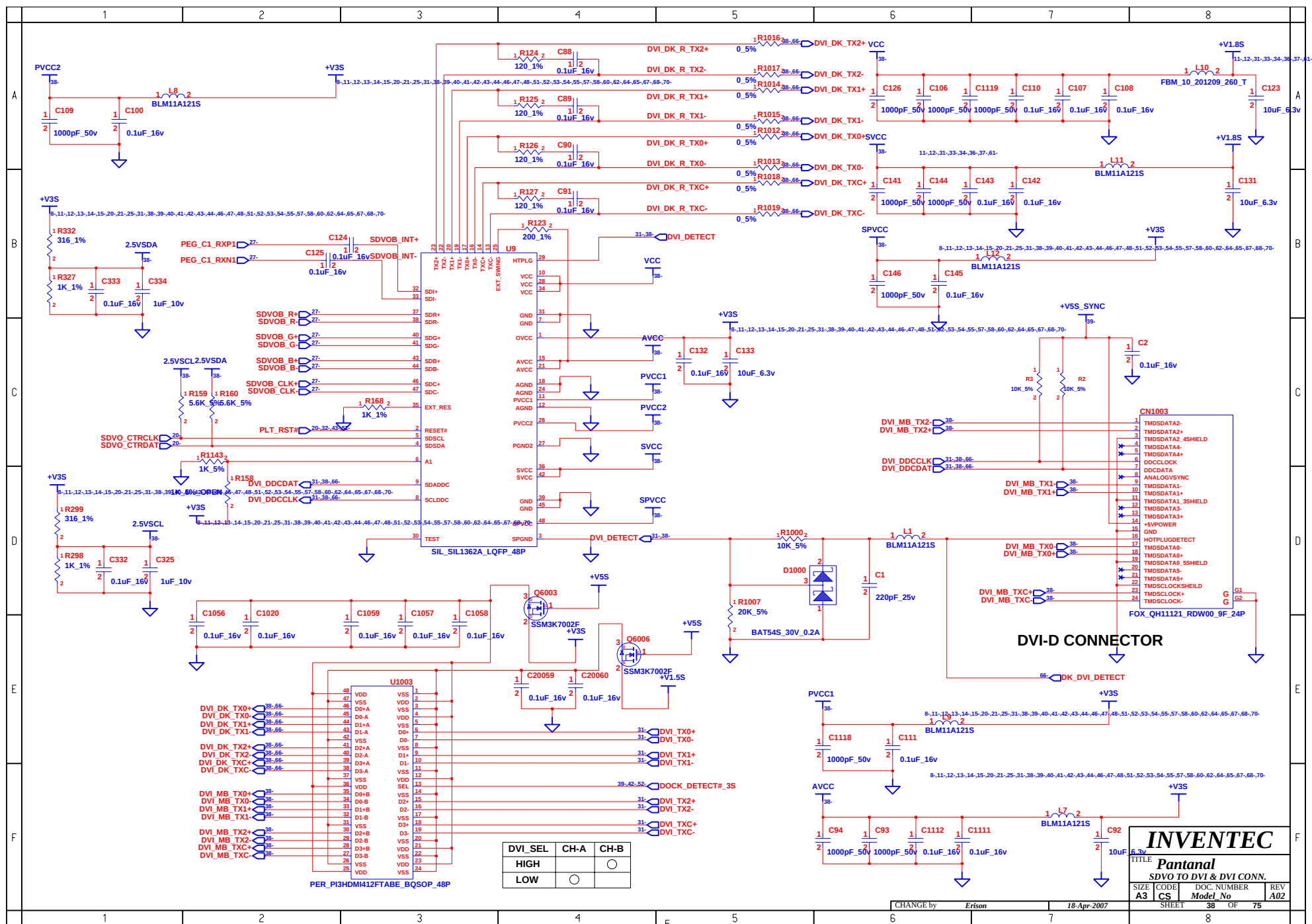
CHANGE by Erison 18-Apr-2007

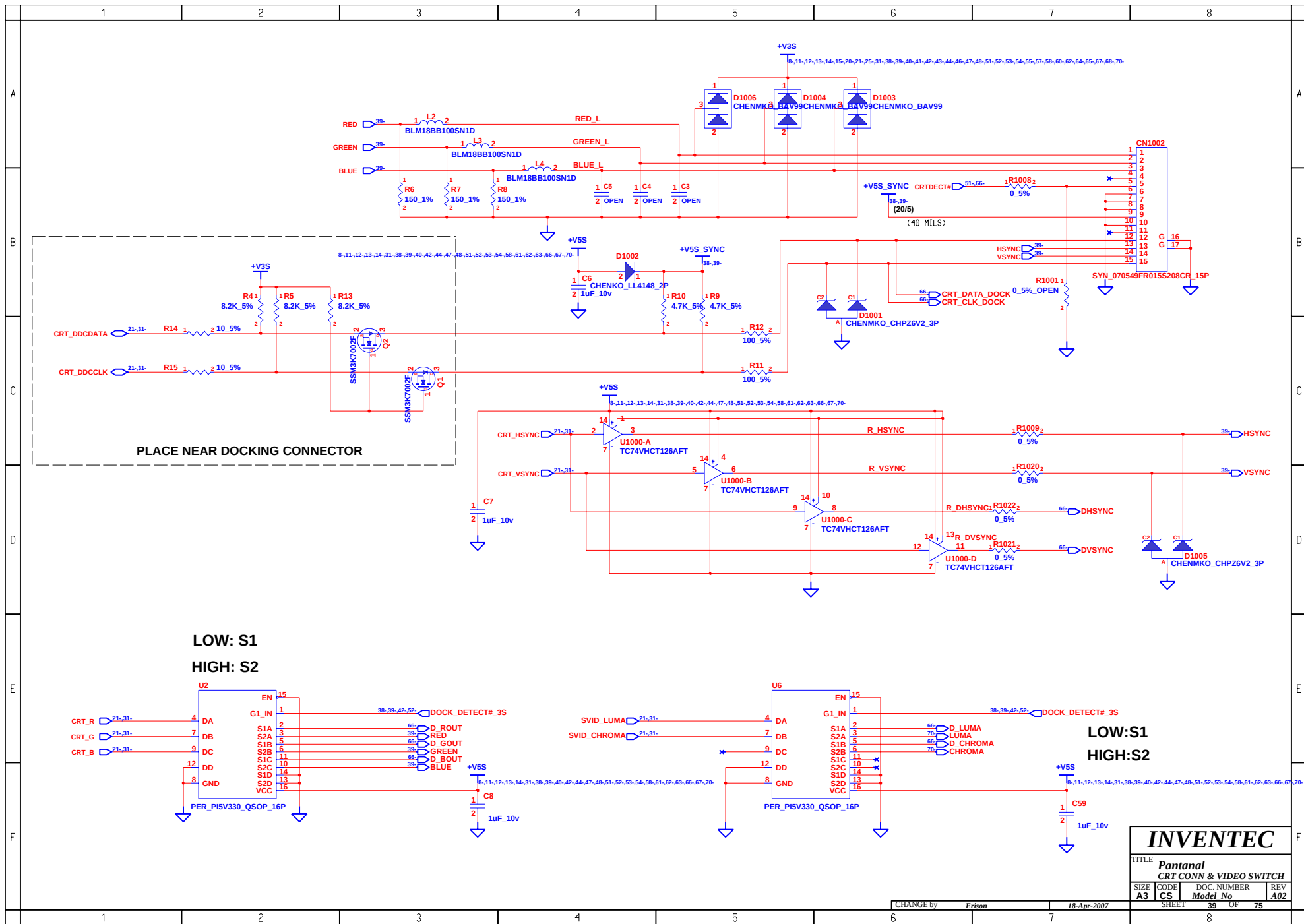
SHEET 35 OF 75





TITLE			
<i>Pantanal</i> VRAM GDDR2-2			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	A02



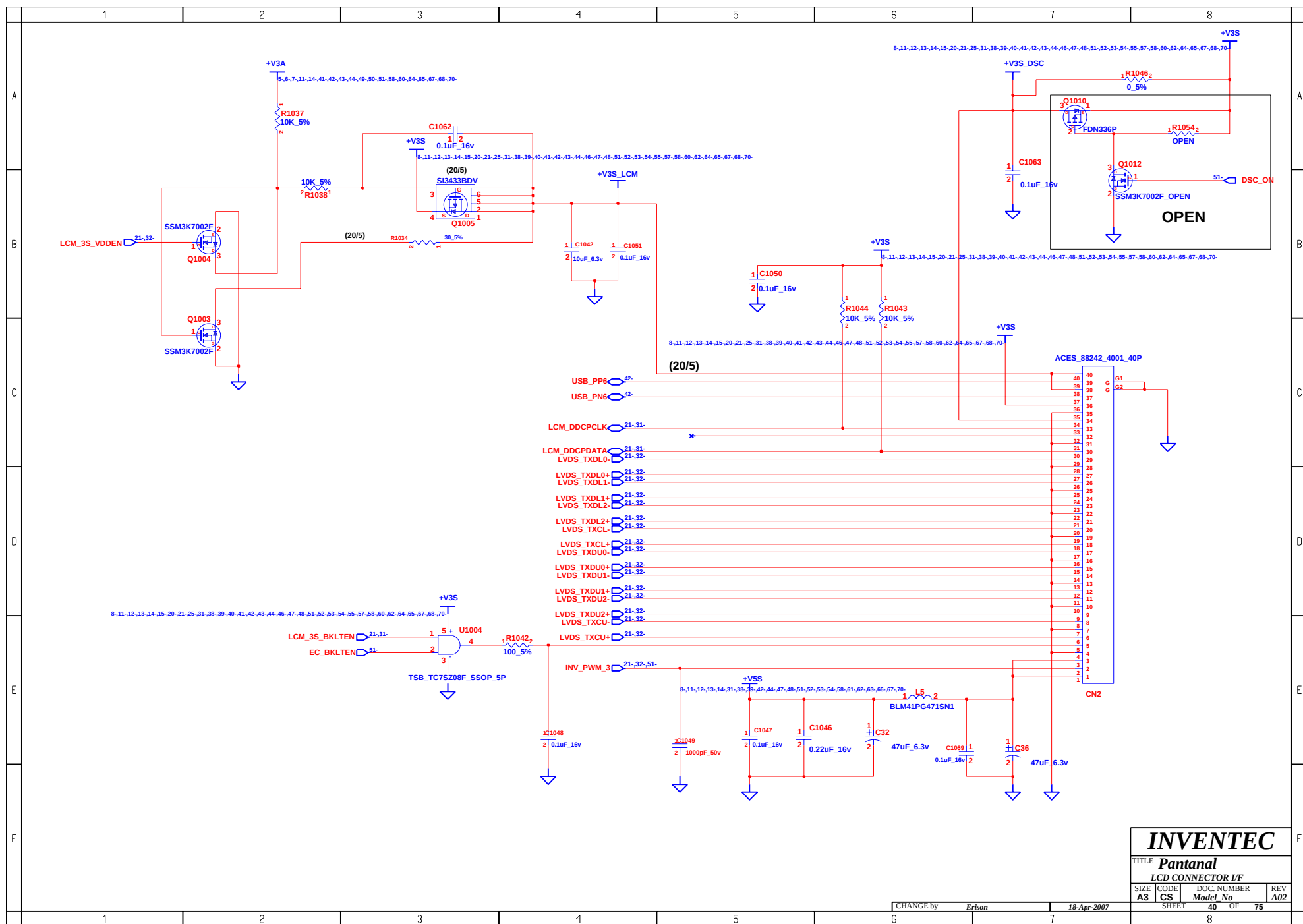


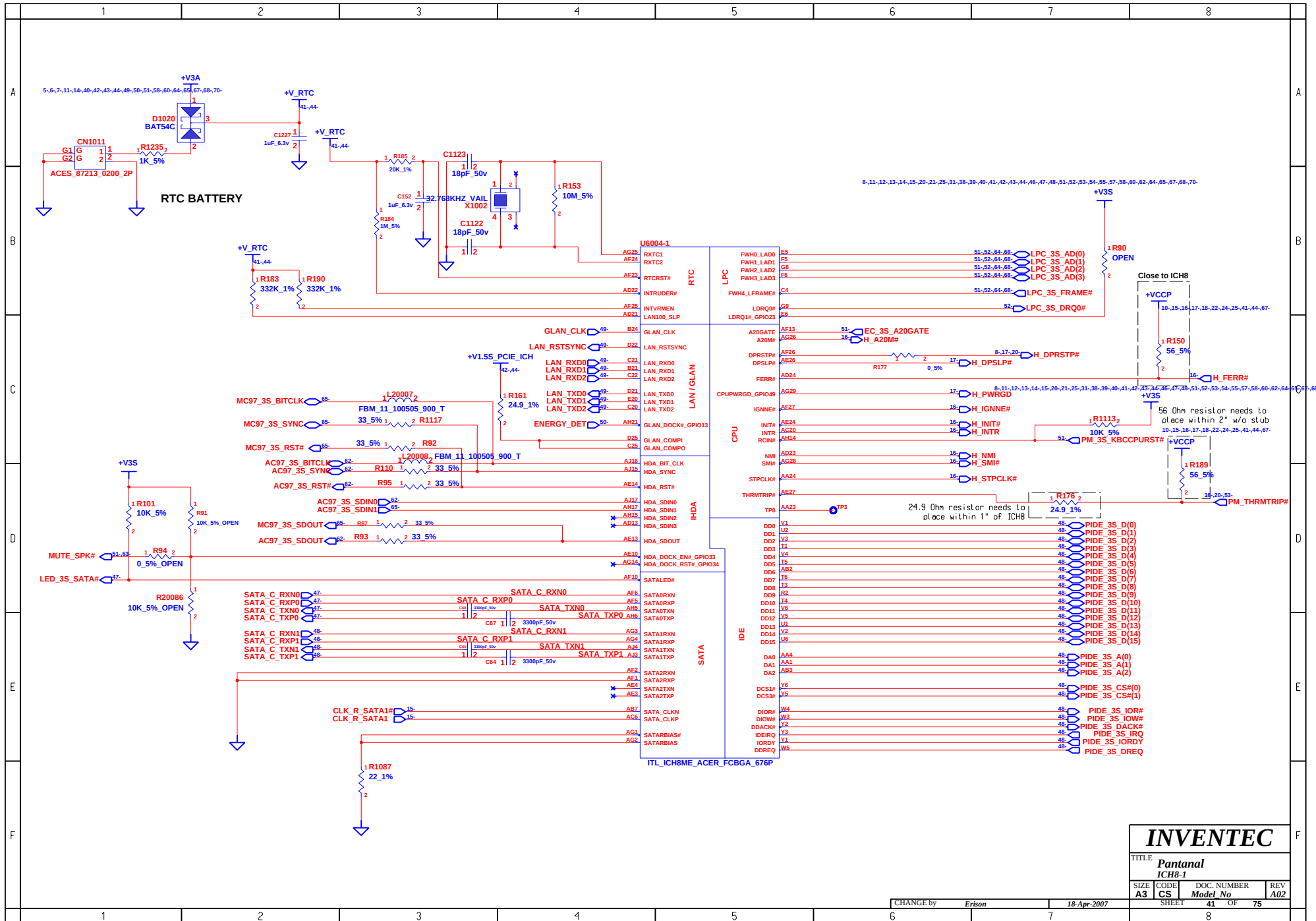
INVENTEC

TITLE			
Pantanal			
CRT CONN & VIDEO SWITCH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by Erison 18-Apr-2007

SHEET 39 OF 75



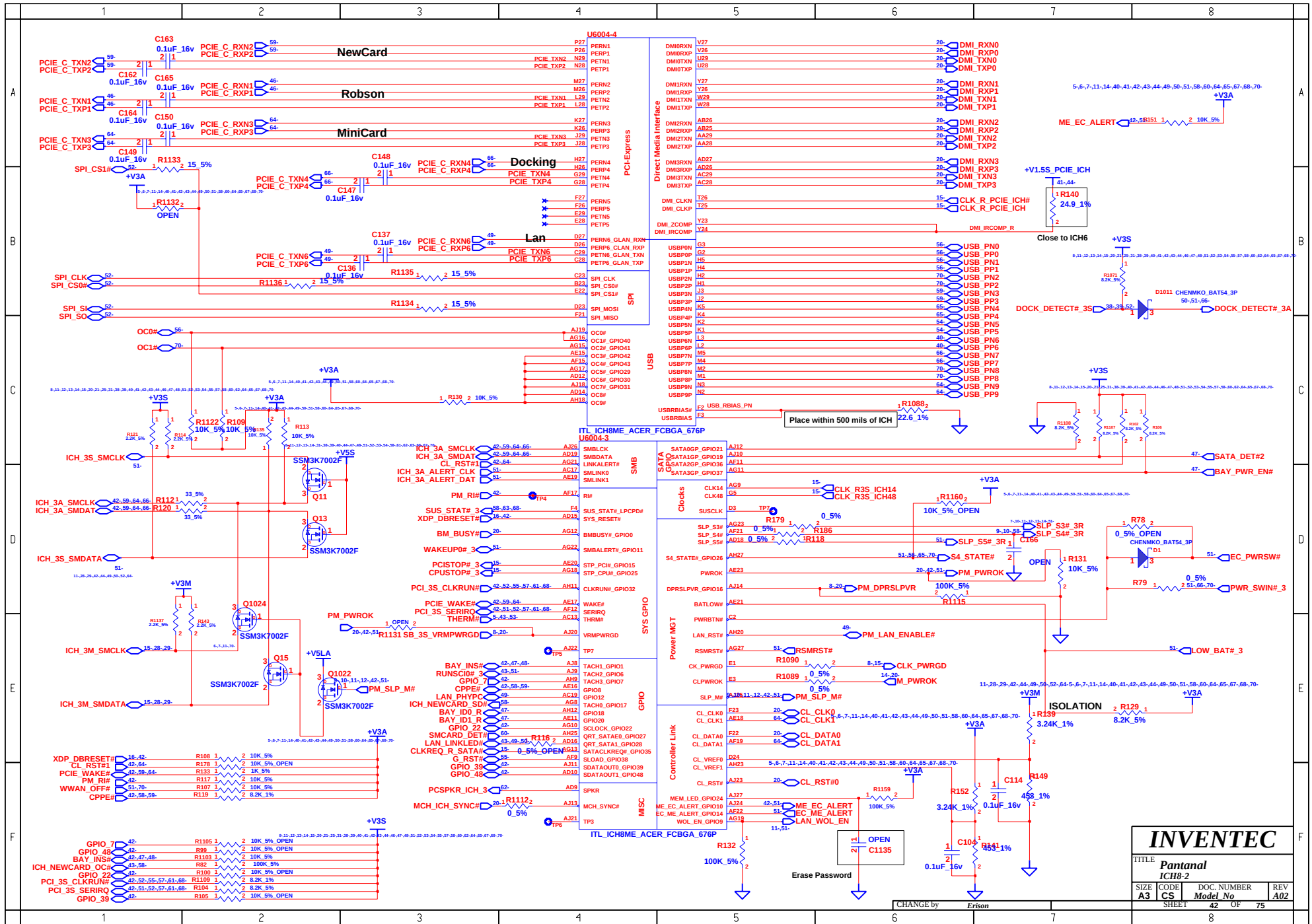


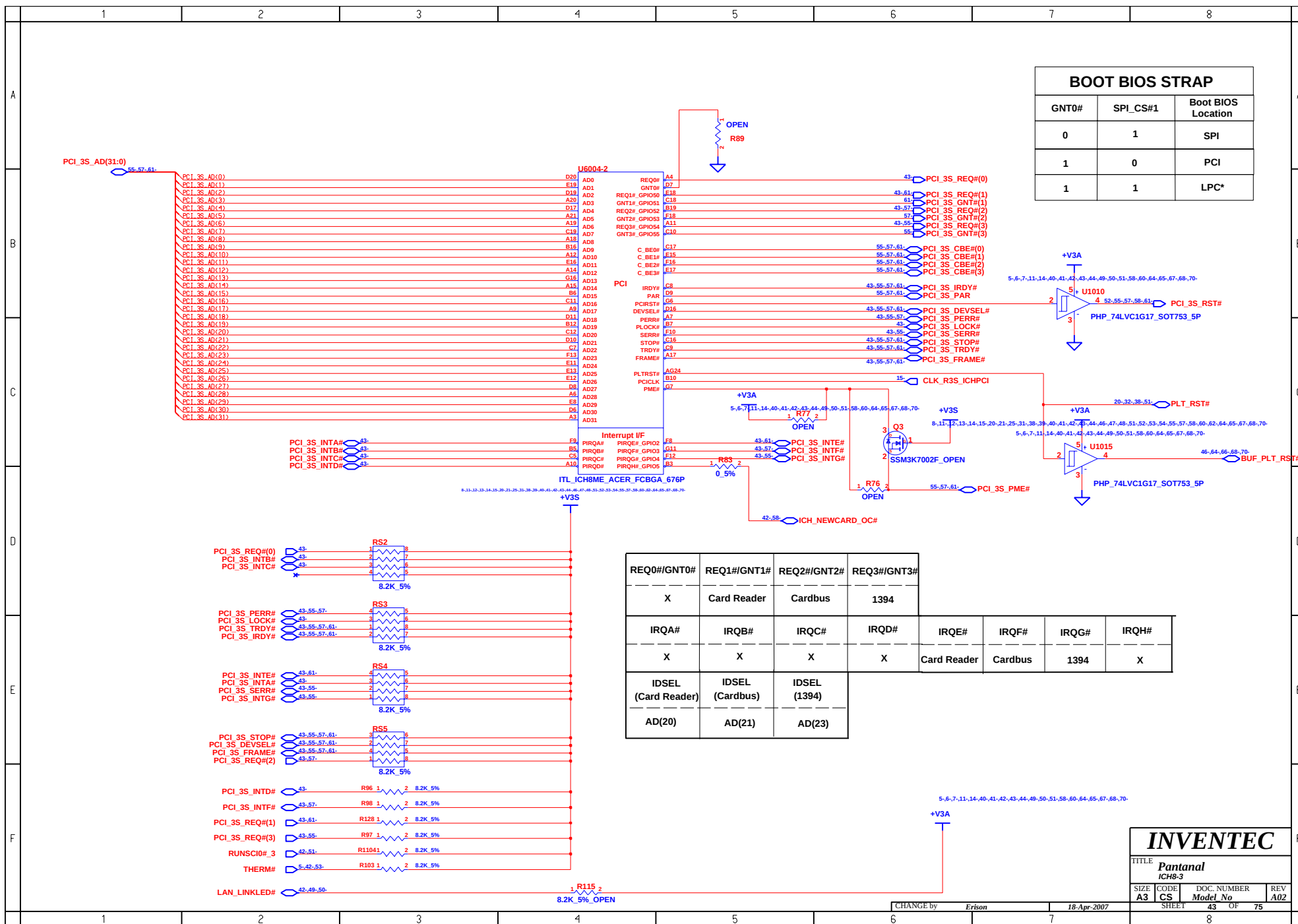
INVENTEC

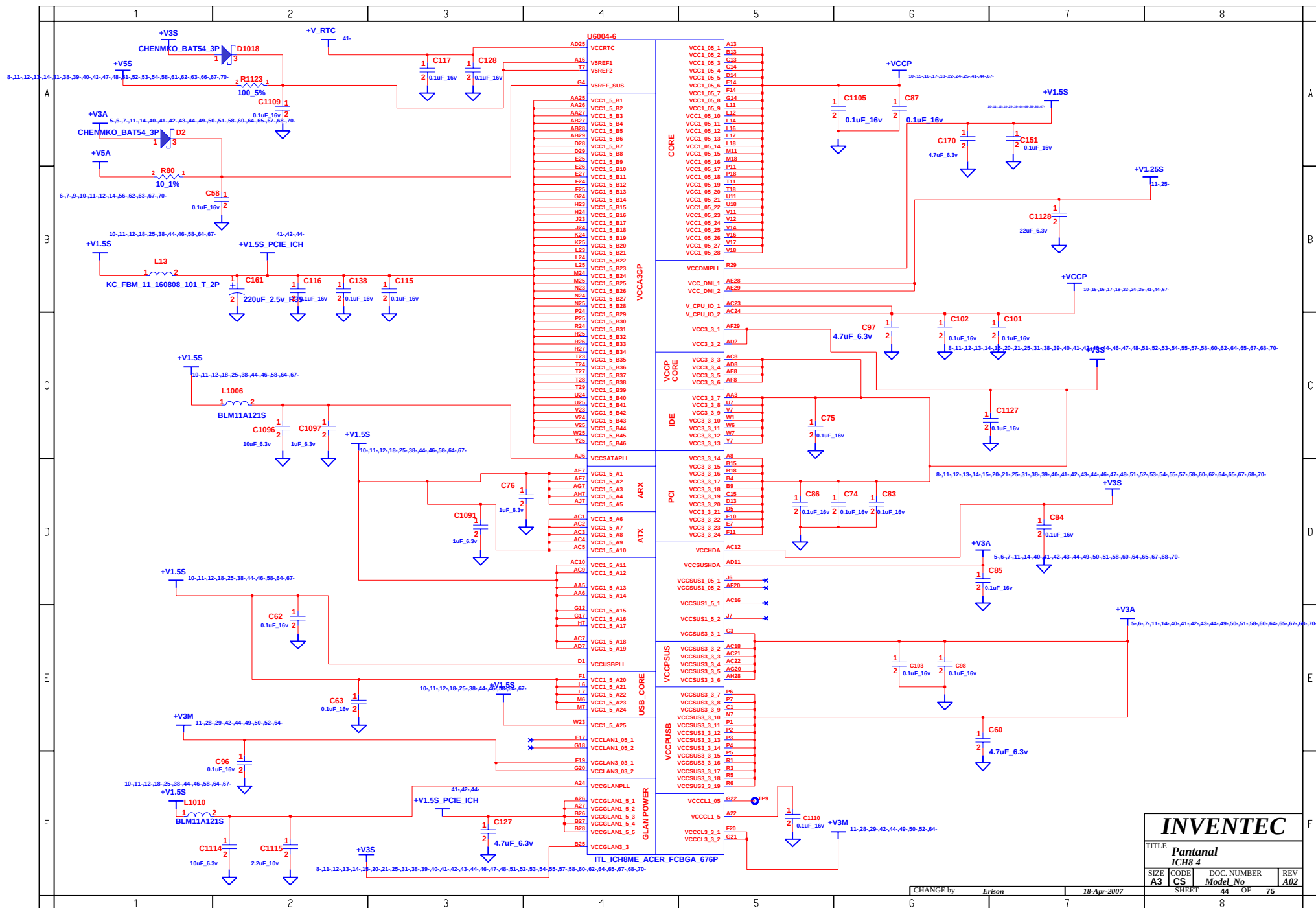
TITLE			
Pantanal			
ICH8-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by Erison 18-Apr-2007

SHEET 41 OF 75







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

UG004-5

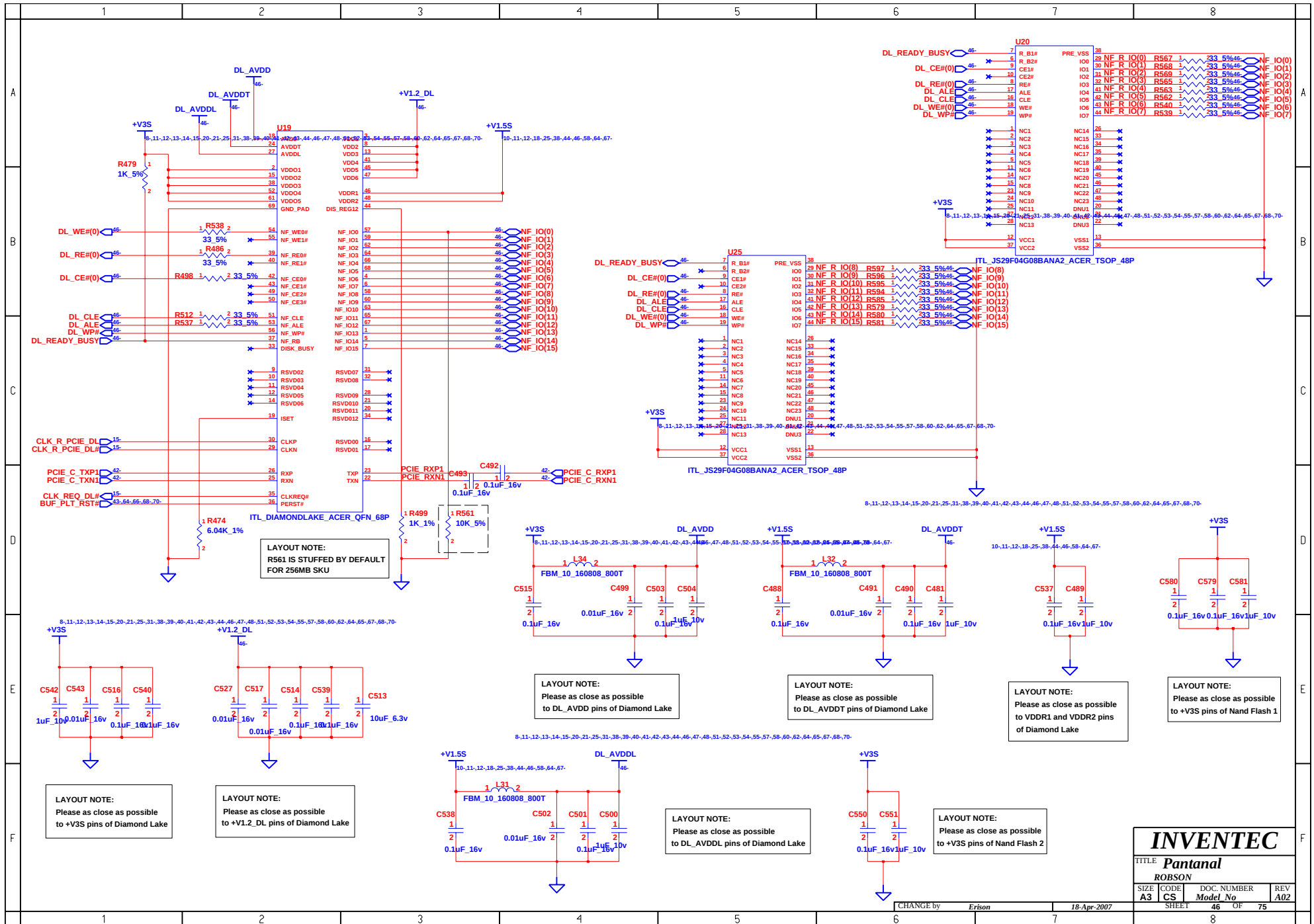
A23 VSS001 VSS099 K7
AA1 VSS002 VSS100 L1
AA2 VSS003 VSS101 L13
AA7 VSS004 VSS102 L15
A25 VSS005 VSS103 L26
AB1 VSS006 VSS104 L27
AB24 VSS007 VSS105 L4
AC11 VSS008 VSS106 L5
AC14 VSS009 VSS107 M12
AC25 VSS010 VSS108 M13
AC28 VSS011 VSS109 M14
AC27 VSS012 VSS110 M15
AD17 VSS013 VSS111 M16
AD20 VSS014 VSS112 M17
AD28 VSS015 VSS113 M23
AD29 VSS016 VSS114 M28
AD1 VSS017 VSS115 M29
AD4 VSS018 VSS116 M3
AD6 VSS019 VSS117 N1
AE1 VSS020 VSS118 N11
AE12 VSS021 VSS119 N12
AE2 VSS022 VSS120 N13
AE22 VSS023 VSS121 N14
AD1 VSS024 VSS122 N15
AE25 VSS025 VSS123 N16
AE5 VSS026 VSS124 N17
AE6 VSS027 VSS125 N18
AE9 VSS028 VSS126 N29
AF14 VSS029 VSS127 N27
AF16 VSS030 VSS128 N4
AF18 VSS031 VSS129 N5
AF3 VSS032 VSS130 N6
AF4 VSS033 VSS131 P12
AG5 VSS034 VSS132 P13
AG6 VSS035 VSS133 P14
AH10 VSS036 VSS134 P15
AH13 VSS037 VSS135 P16
AH16 VSS038 VSS136 P17
AH19 VSS039 VSS137 P23
AH2 VSS040 VSS138 P28
AF28 VSS041 VSS139 P29
AH22 VSS042 VSS140 R11
AH24 VSS043 VSS141 R12
AH26 VSS044 VSS142 R13
AH3 VSS045 VSS143 R14
AH4 VSS046 VSS144 R15
AH8 VSS047 VSS145 R16
AJ5 VSS048 VSS146 R17
B11 VSS049 VSS147 R18
B14 VSS050 VSS148 R28
B17 VSS051 VSS149 R4
B2 VSS052 VSS150 T12
B20 VSS053 VSS151 T13
B22 VSS054 VSS152 T14
B6 VSS055 VSS153 T15
C24 VSS056 VSS154 T16
C26 VSS057 VSS155 T17
C27 VSS058 VSS156 T2
C6 VSS059 VSS157 U12
D12 VSS060 VSS158 U13
D15 VSS061 VSS159 U14
D18 VSS062 VSS160 U15
D2 VSS063 VSS161 U16
D4 VSS064 VSS162 U17
E21 VSS065 VSS163 U23
E24 VSS066 VSS164 U26
F4 VSS067 VSS165 U27
E9 VSS068 VSS166 U3
F15 VSS069 VSS167 U5
E24 VSS070 VSS168 V13
F28 VSS071 VSS169 V15
F29 VSS072 VSS170 V28
G1 VSS073 VSS171 V29
G1 VSS074 VSS172 W2
E2 VSS075 VSS173 W26
G10 VSS076 VSS174 W27
G13 VSS077 VSS175 Y28
G18 VSS078 VSS176 Y29
G23 VSS079 VSS177 Y4
G25 VSS080 VSS178 AB4
G26 VSS081 VSS179 AB23
G27 VSS082 VSS180 AB5
H25 VSS083 VSS181 AB6
H28 VSS084 VSS182 AD5
H29 VSS085 VSS183 JA
H1 VSS086 VSS184 W24
H6 VSS087 VSS NCTF_ 01 A1
J1 VSS088 VSS NCTF_ 02 A2
J25 VSS089 VSS NCTF_ 03 A28
J26 VSS090 VSS NCTF_ 04 A29
J27 VSS091 VSS NCTF_ 05 AH1
J4 VSS092 VSS NCTF_ 06 AH29
J5 VSS093 VSS NCTF_ 07 A31
K23 VSS094 VSS NCTF_ 08 A32
K28 VSS095 VSS NCTF_ 09 A328
K29 VSS096 VSS NCTF_ 010 A329
K3 VSS097 VSS NCTF_ 011 B1
K8 VSS098 VSS NCTF_ 012 B29

ITL_ICH8ME_ACER_FCBGA_676P



INVENTEC

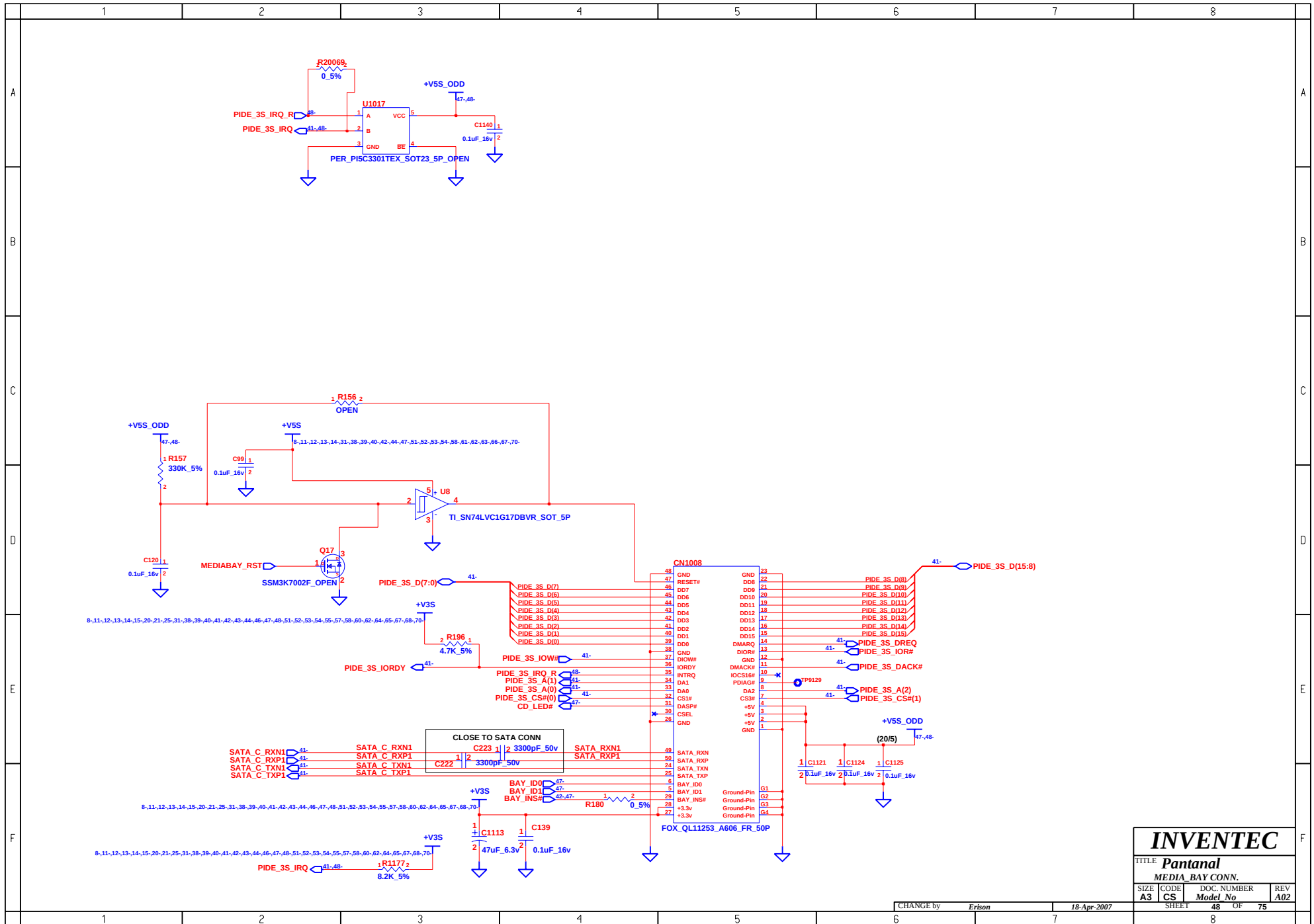
TITLE			
Pantanal			
ICH8-5			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		45	OF 75

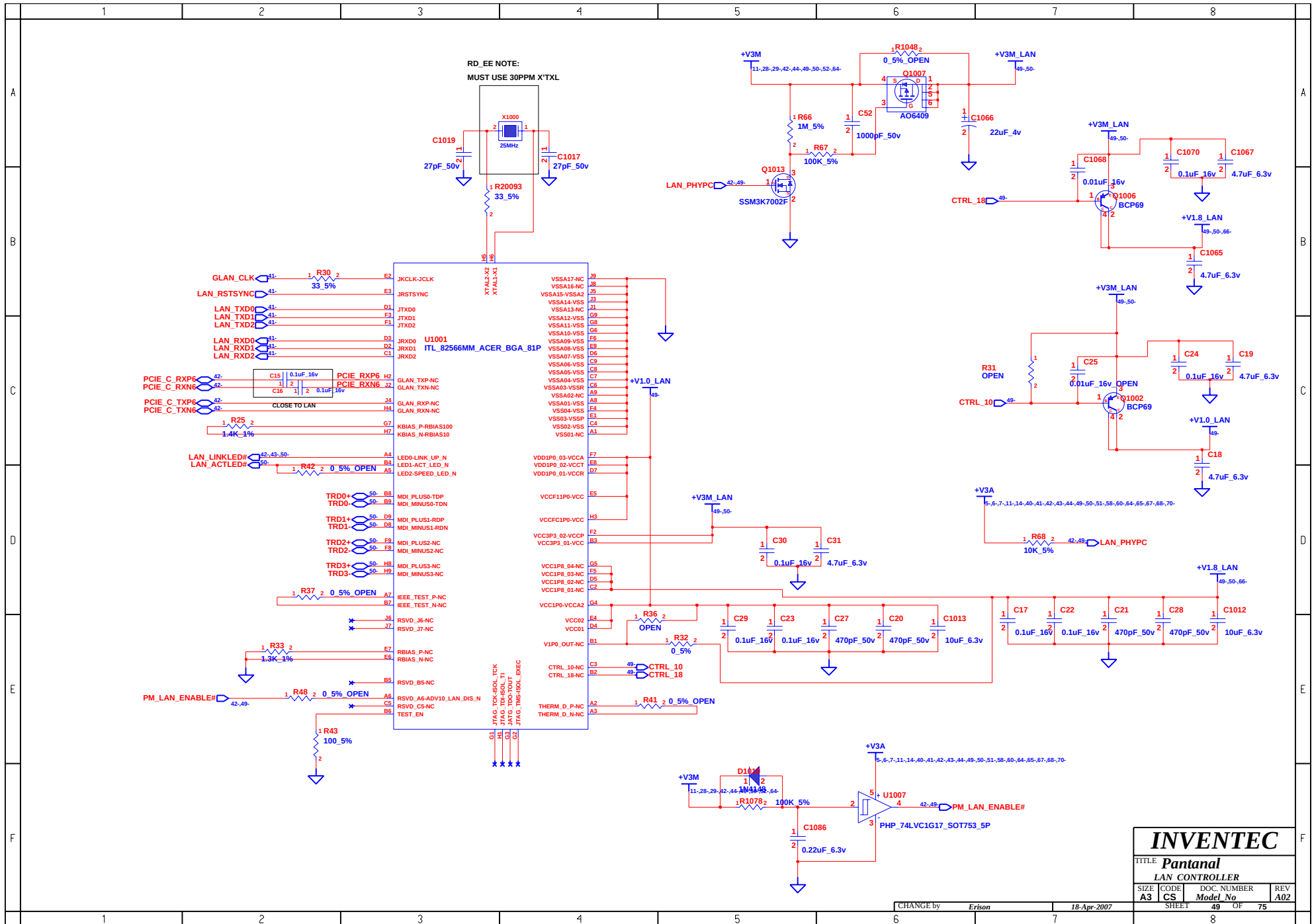


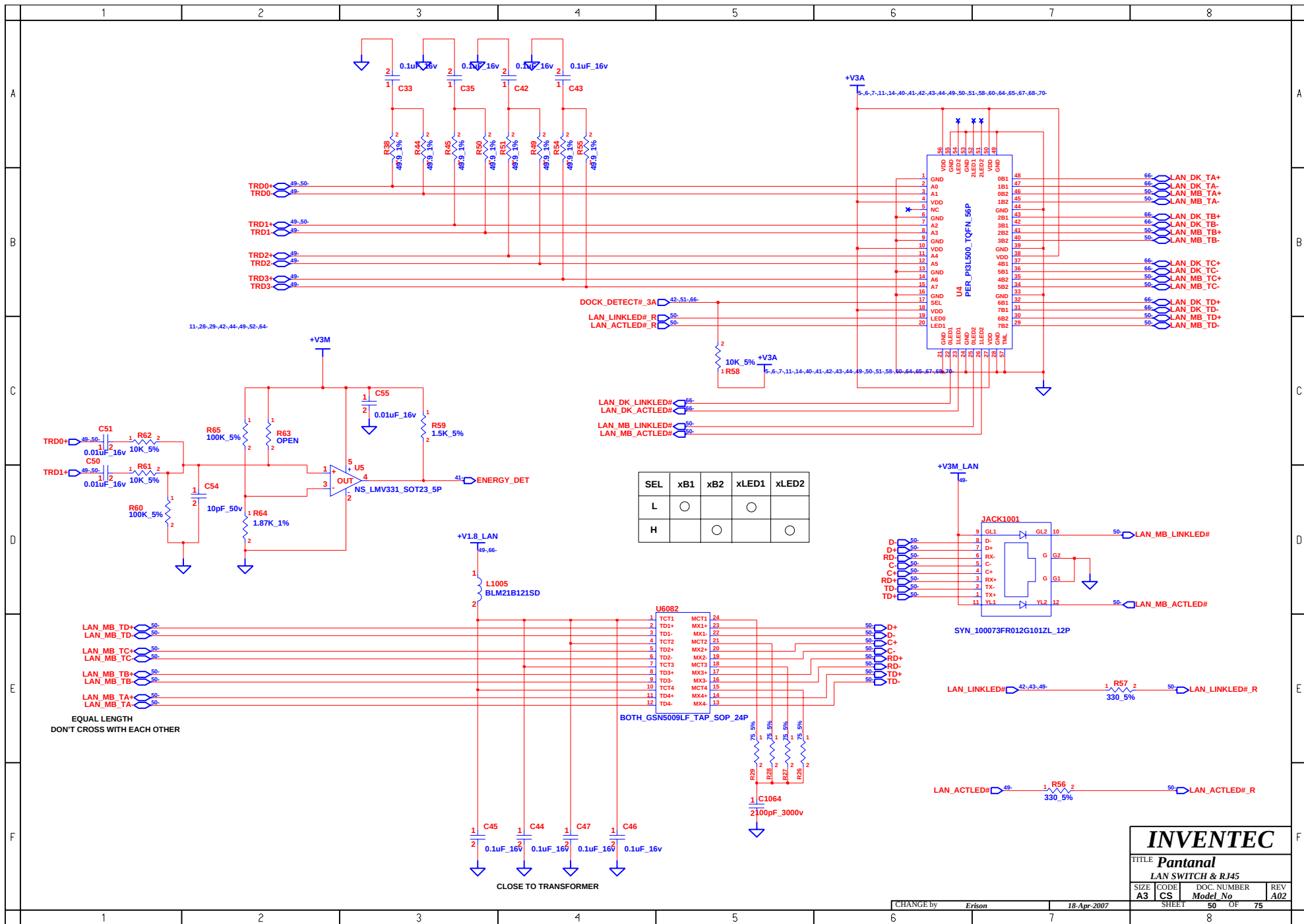
INVENTEC

TITLE Pantanal			
ROBSON			
SIZE A3	CODE CS	DOC. NUMBER	REV A02
SHEET 46 OF 75			

CHANGE by *Erison* 18-Apr-2007







INVENTEC

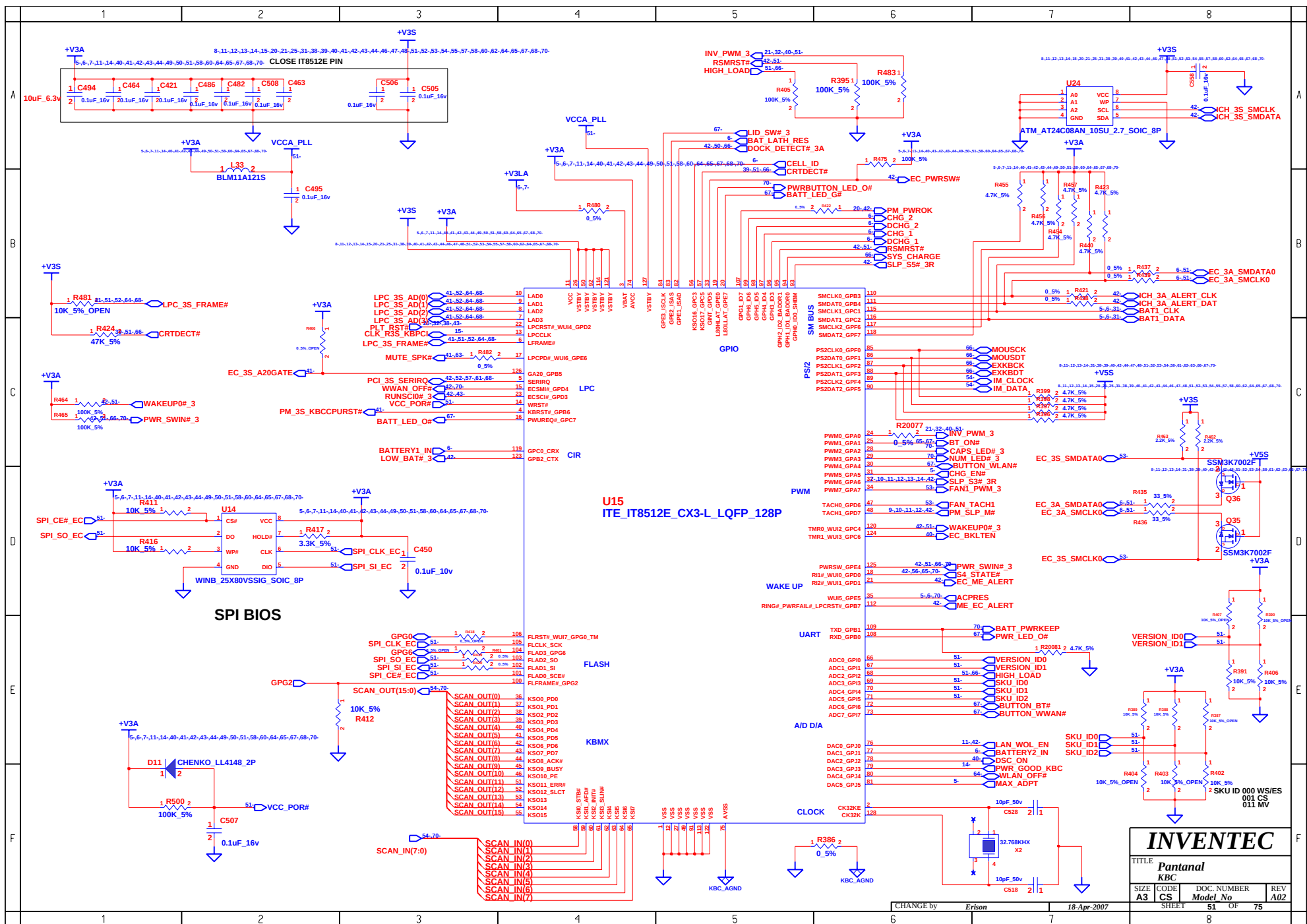
TITLE **Pantanal**

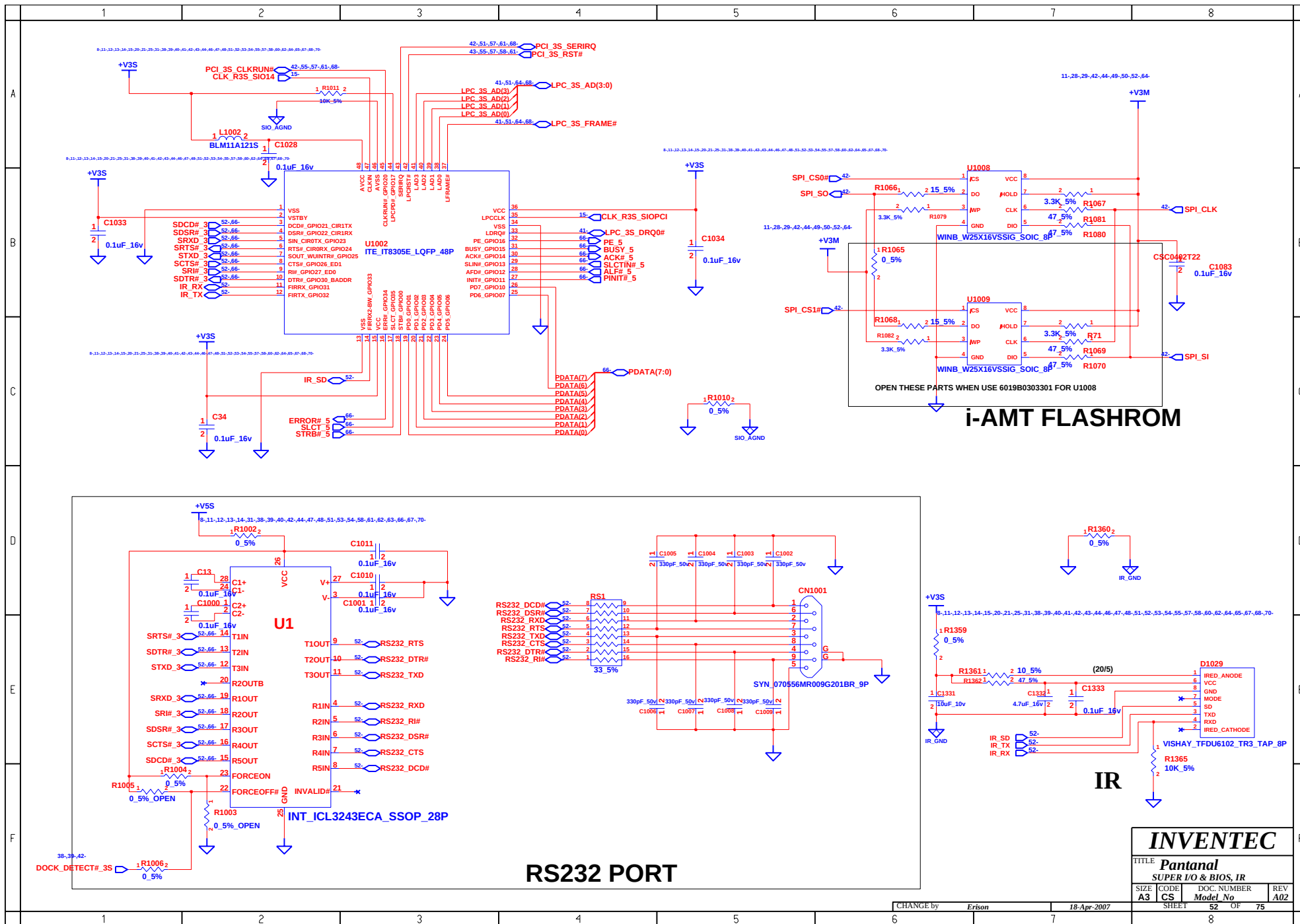
LAN SWITCH & RJ45

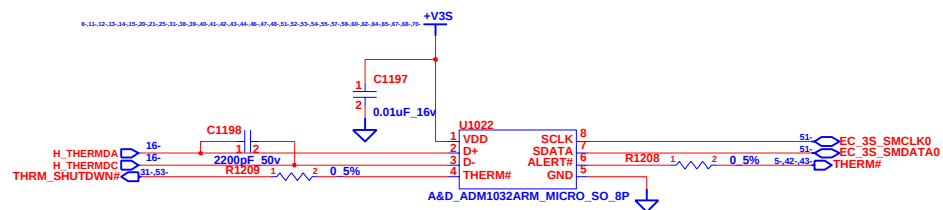
SIZE CODE CS DOC. NUMBER REV A02

SHEET 50 OF 75

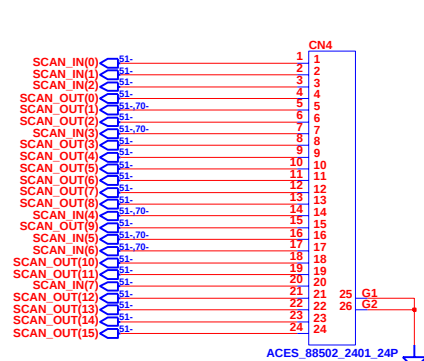
CHANGE by Erison 18-Apr-2007



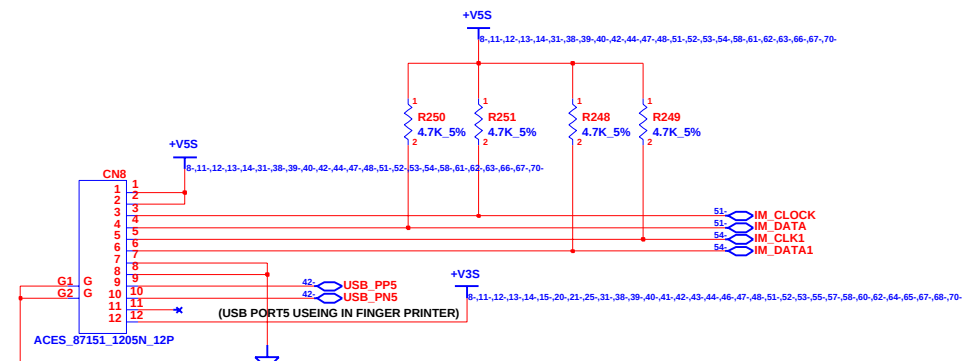




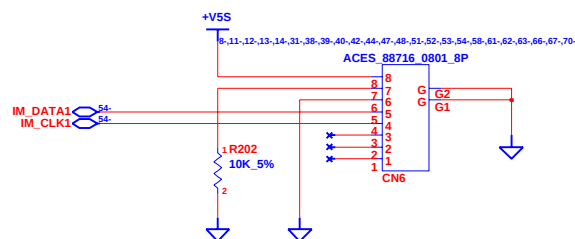
CS	Model No		
SHEET	53	OF	75



KEYBOARD CONNECTOR



TOUCHPAD CONNECTOR

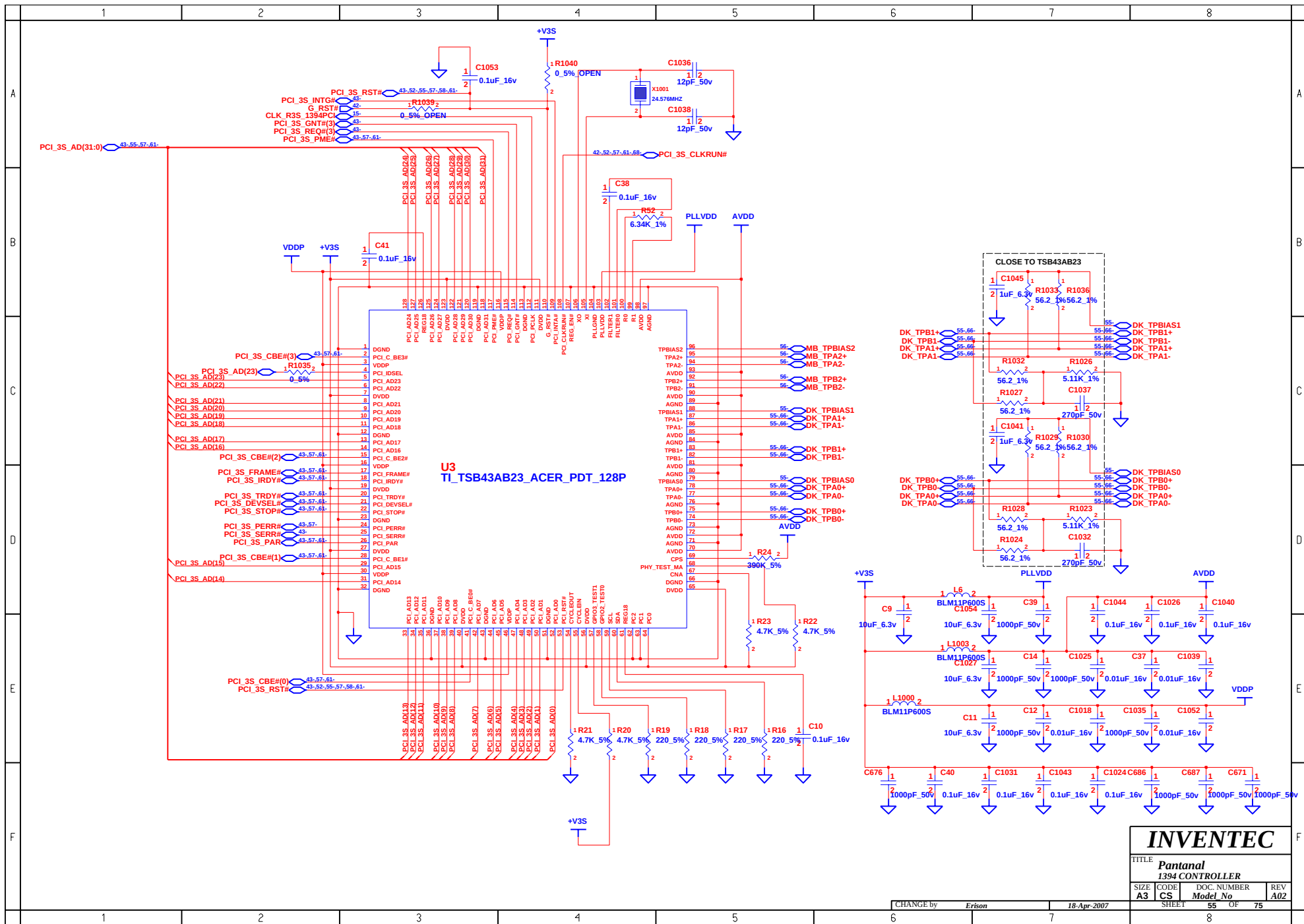


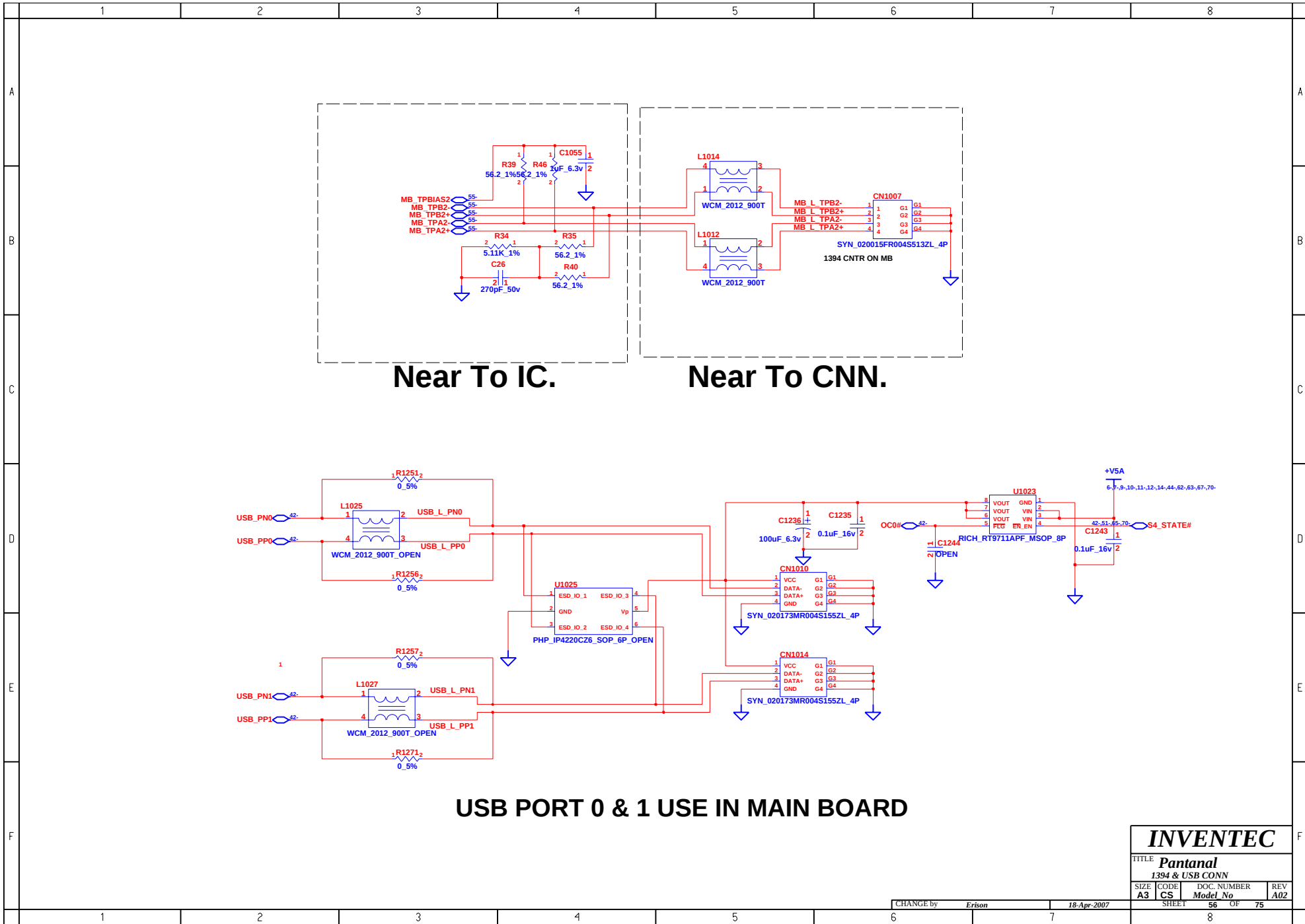
TRACK POINT CONNECTOR

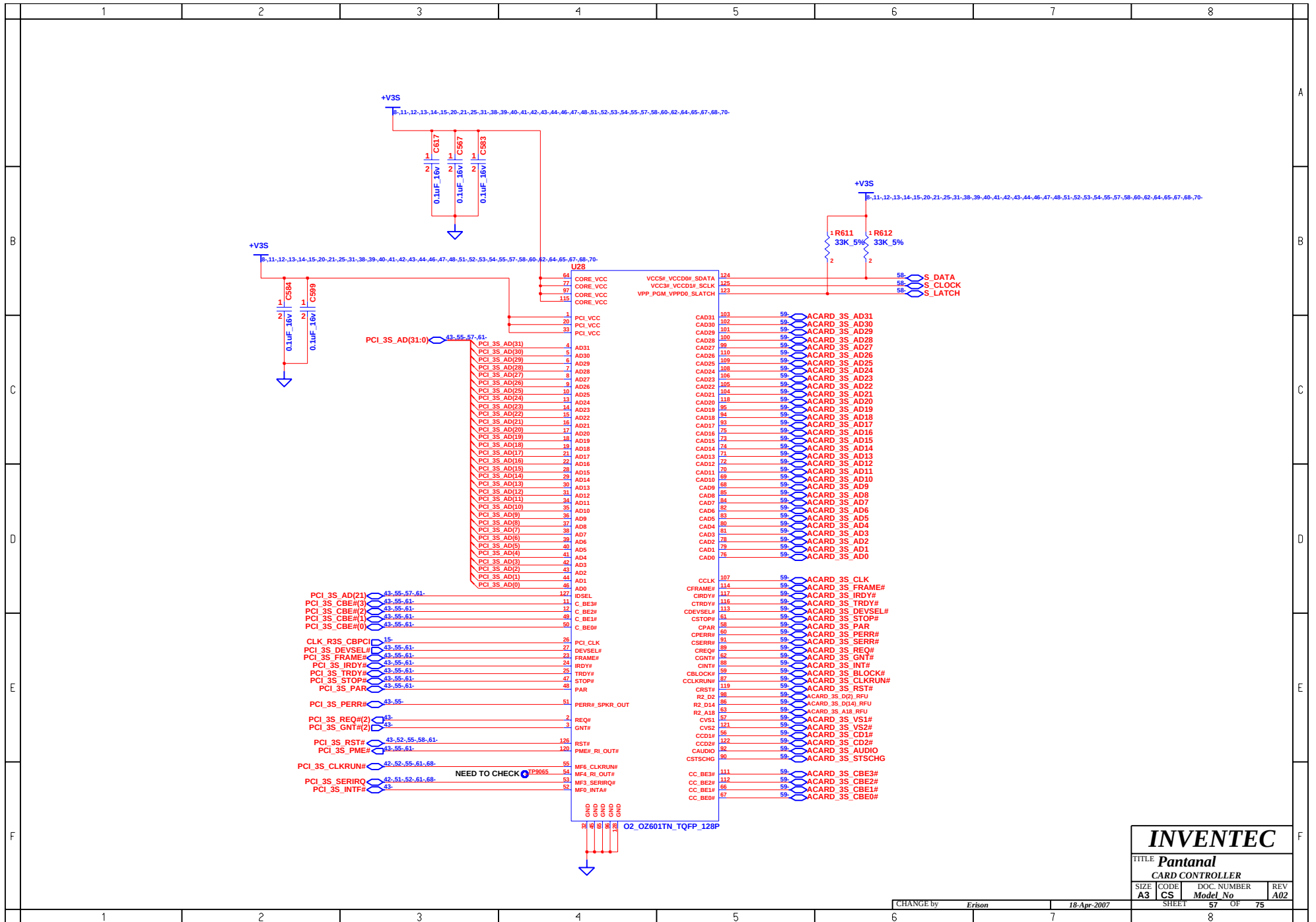
INVENTEC			
TITLE Pantanal			
KB, TP & SP I/F			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

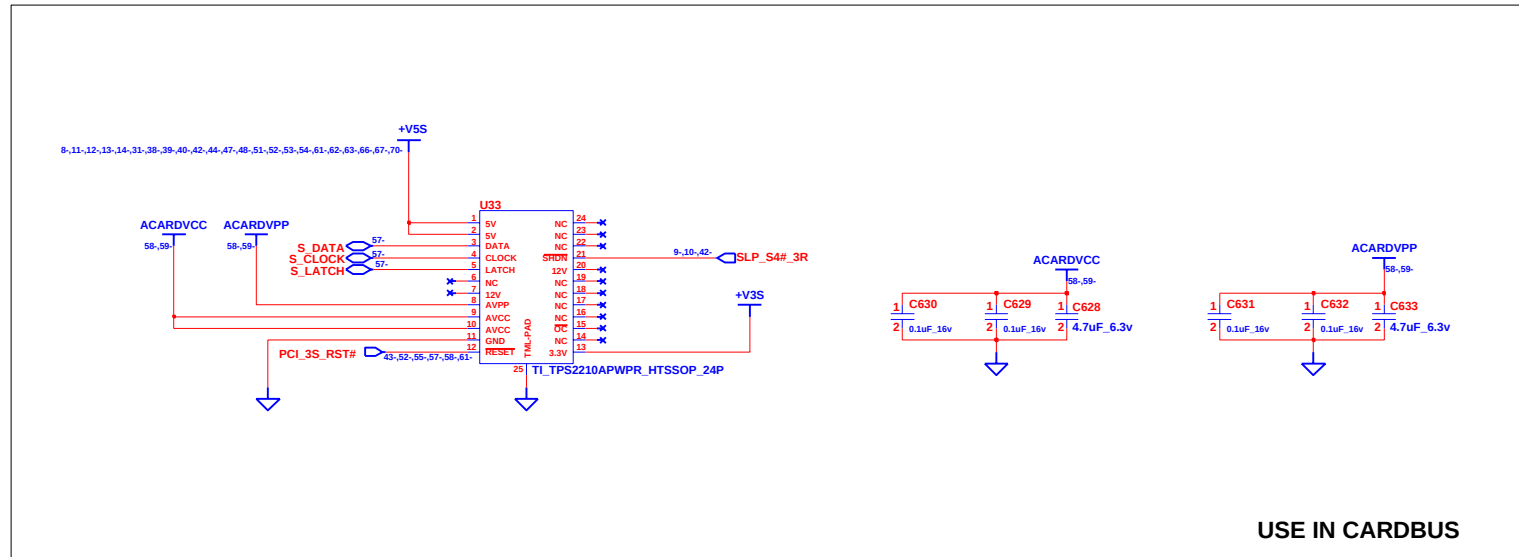
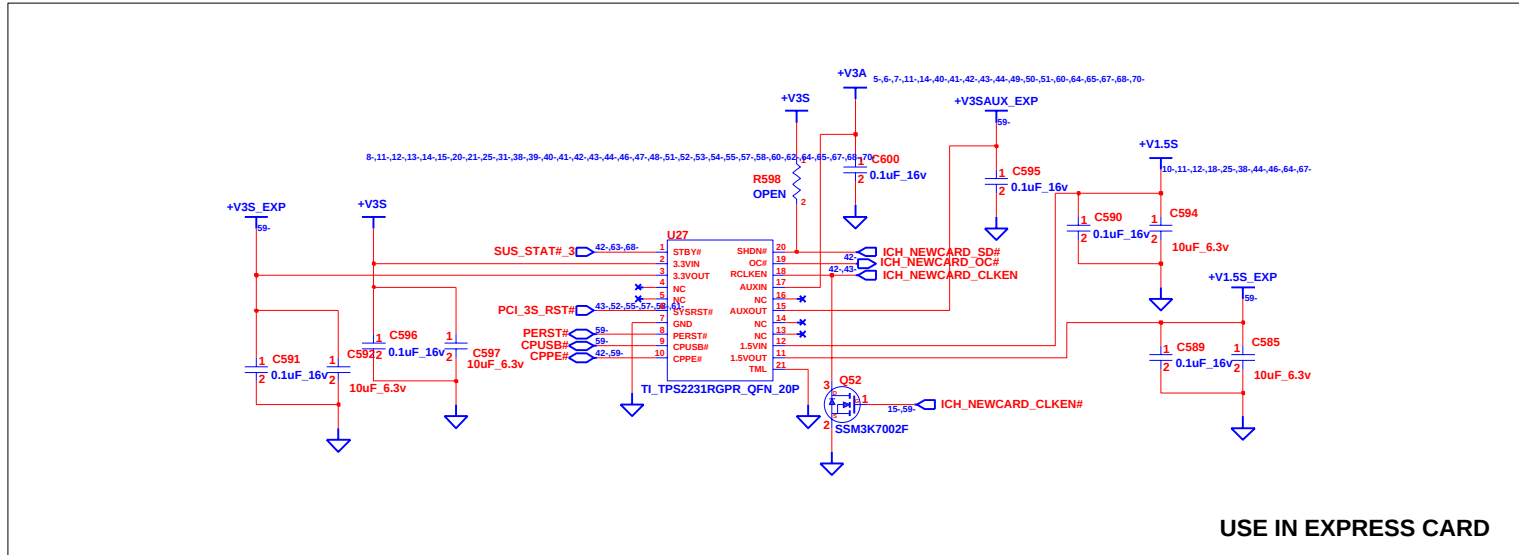
CHANGE by *Erison* 18-Apr-2007

SHEET 54 OF 75





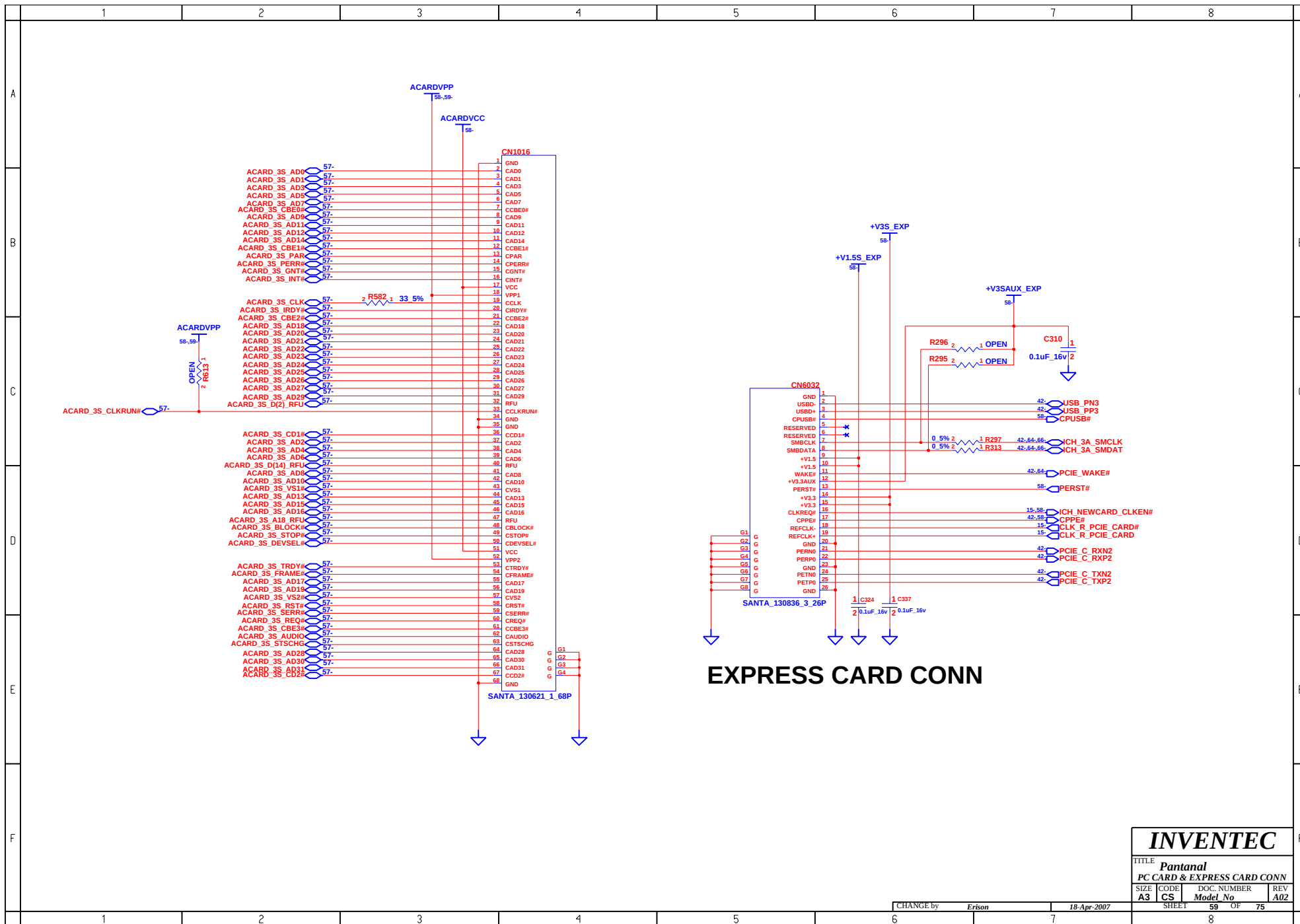


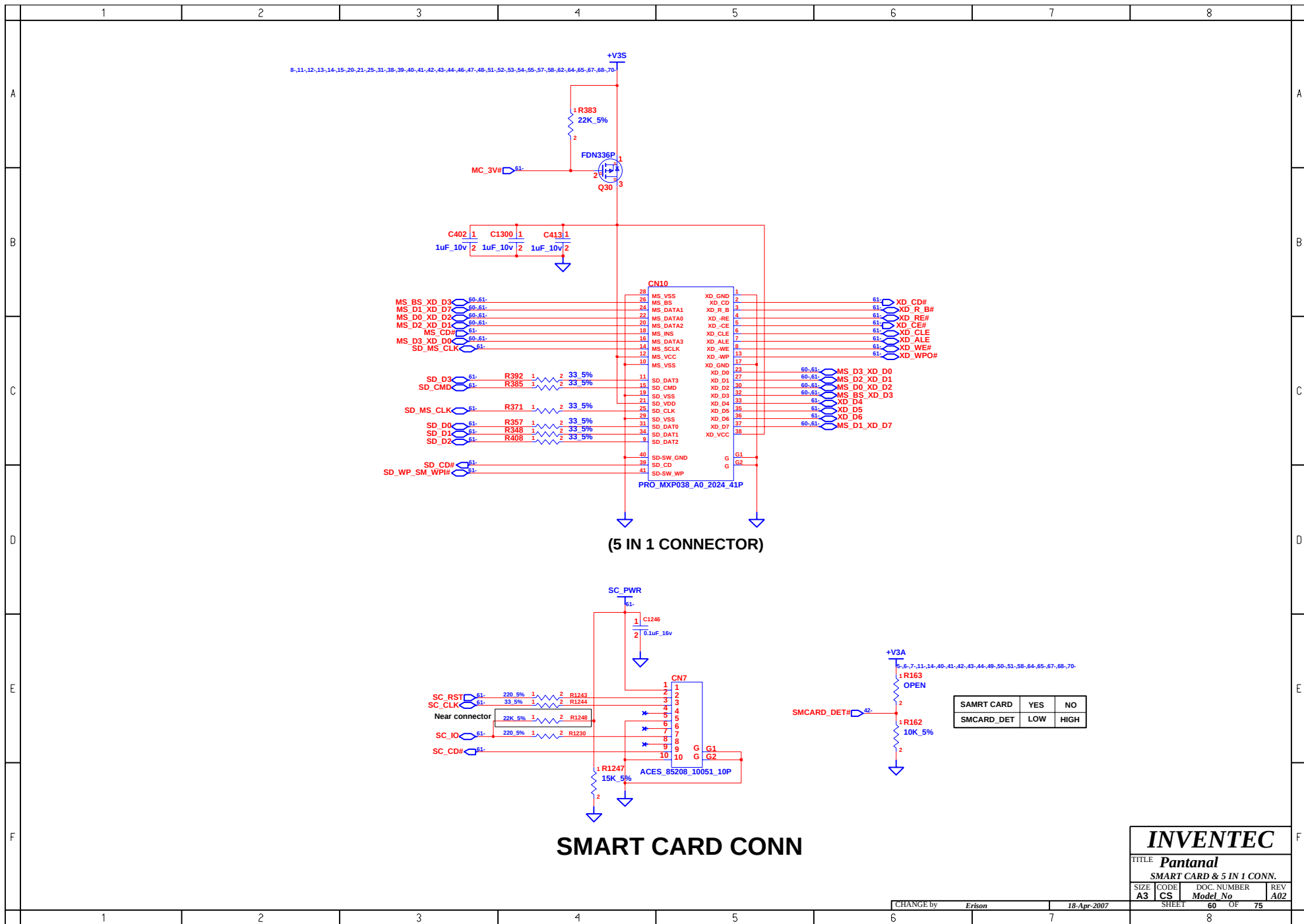


INVENTEC			
TITLE Pantanal			
PC CARD & EXPRESS CARD POWER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by *Erison* 18-Apr-2007

SHEET 58 OF 75





INVENTEC

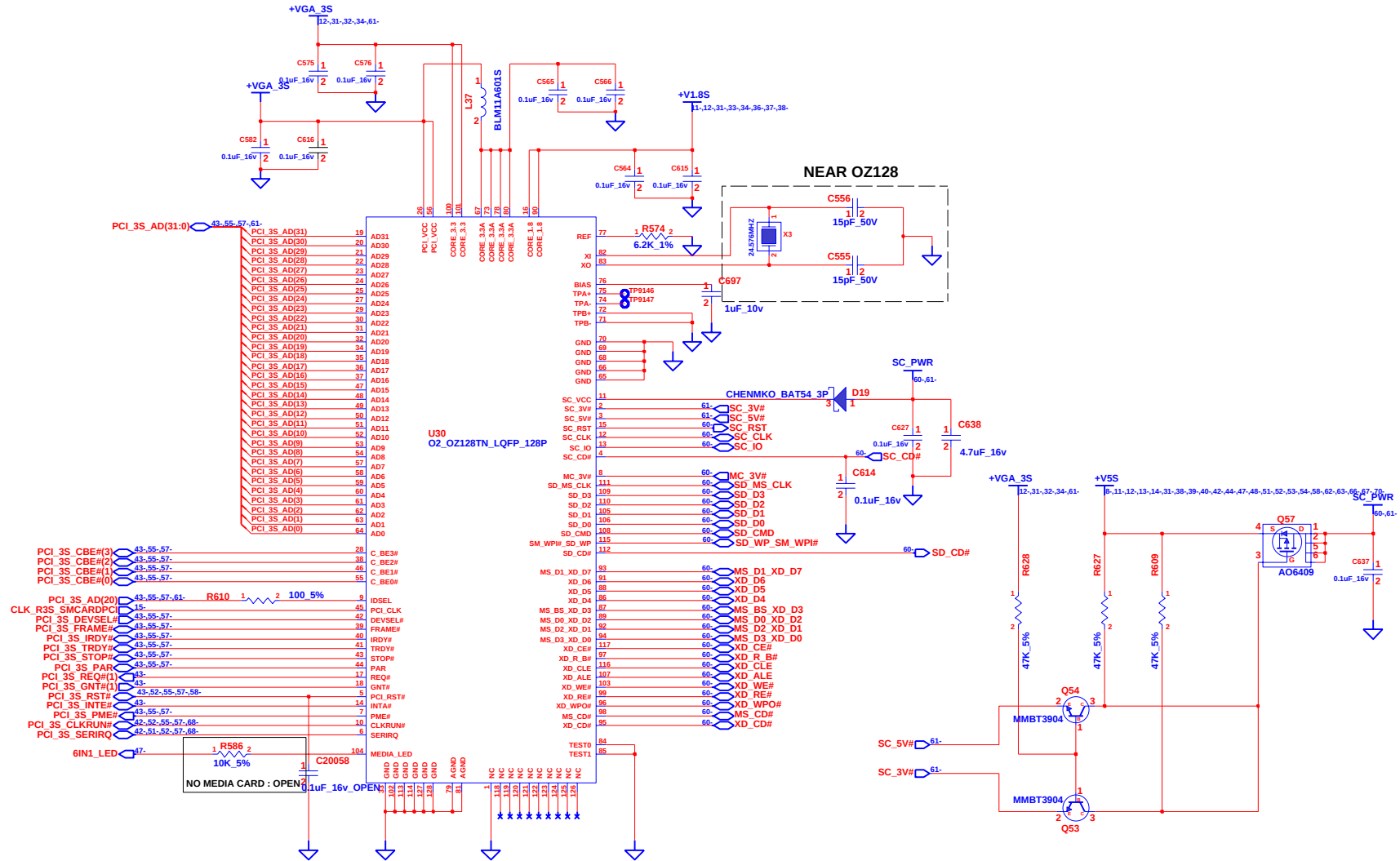
TITLE **Pantanal**
SMART CARD & 5 IN 1 CONN.

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by *Erison* 18-Apr-2007

SHEET 60 OF 75

NOTE: +V1.8S NEED POWER ON FASTER THAN +VGA_3S

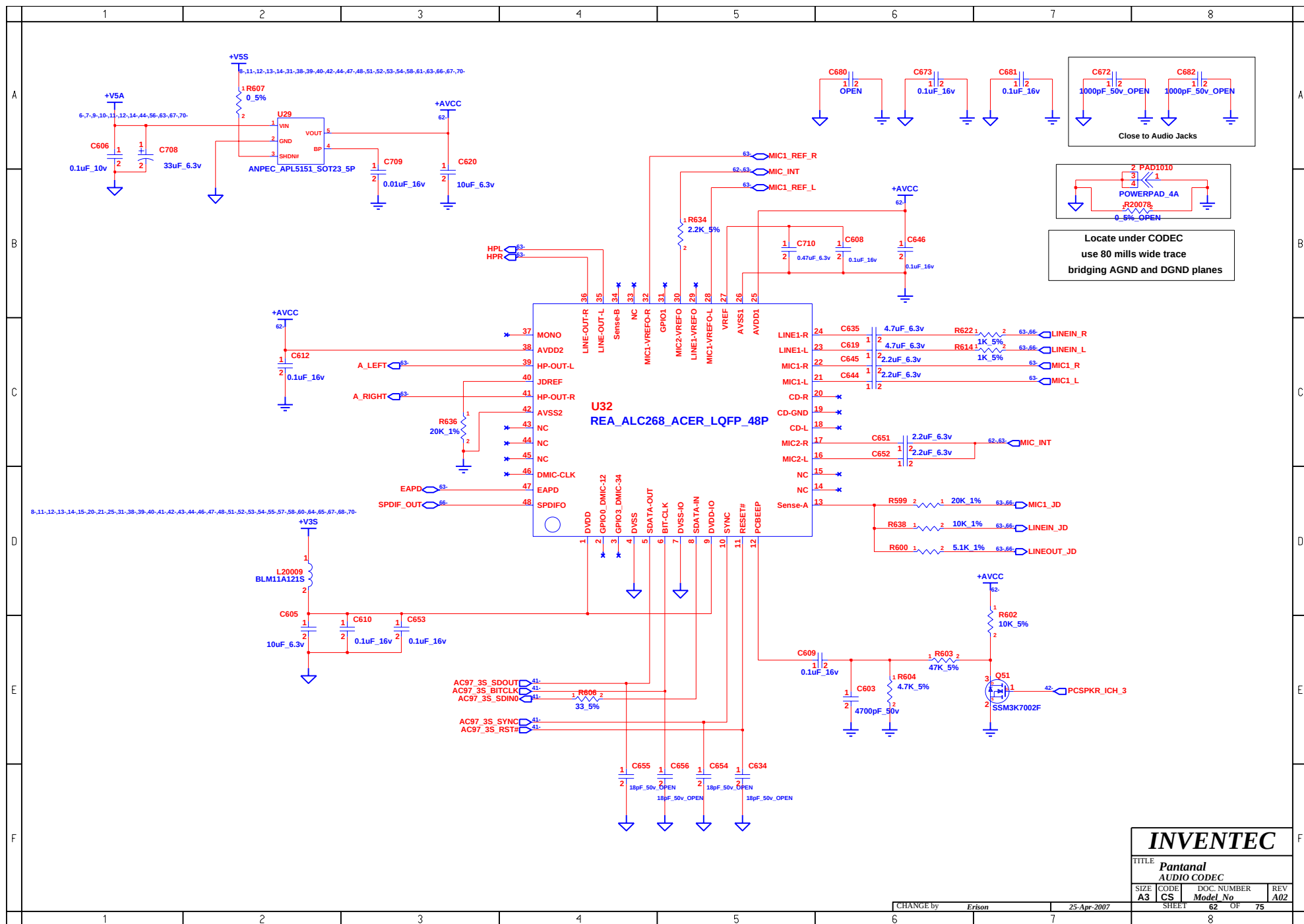


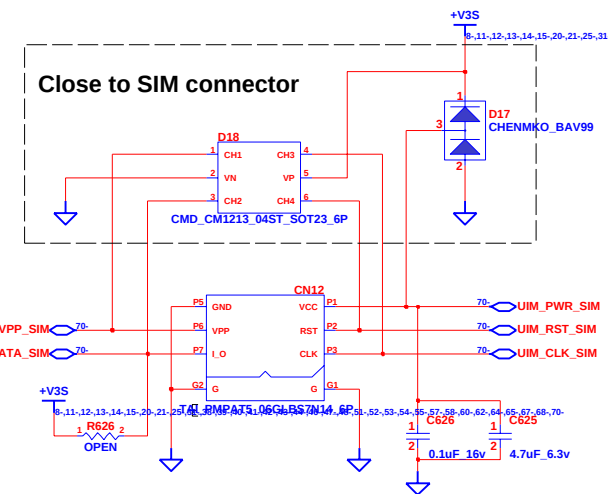
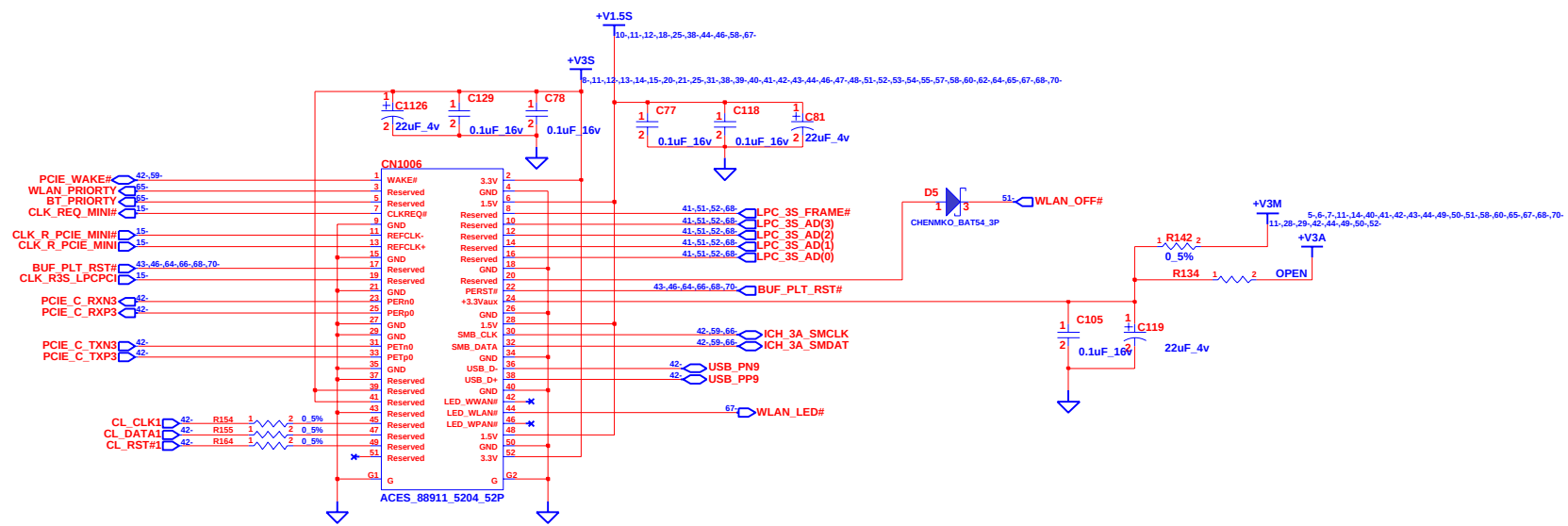
INVENTEC

TITLE			
Pantanal SMART CARD IC & SC POWER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

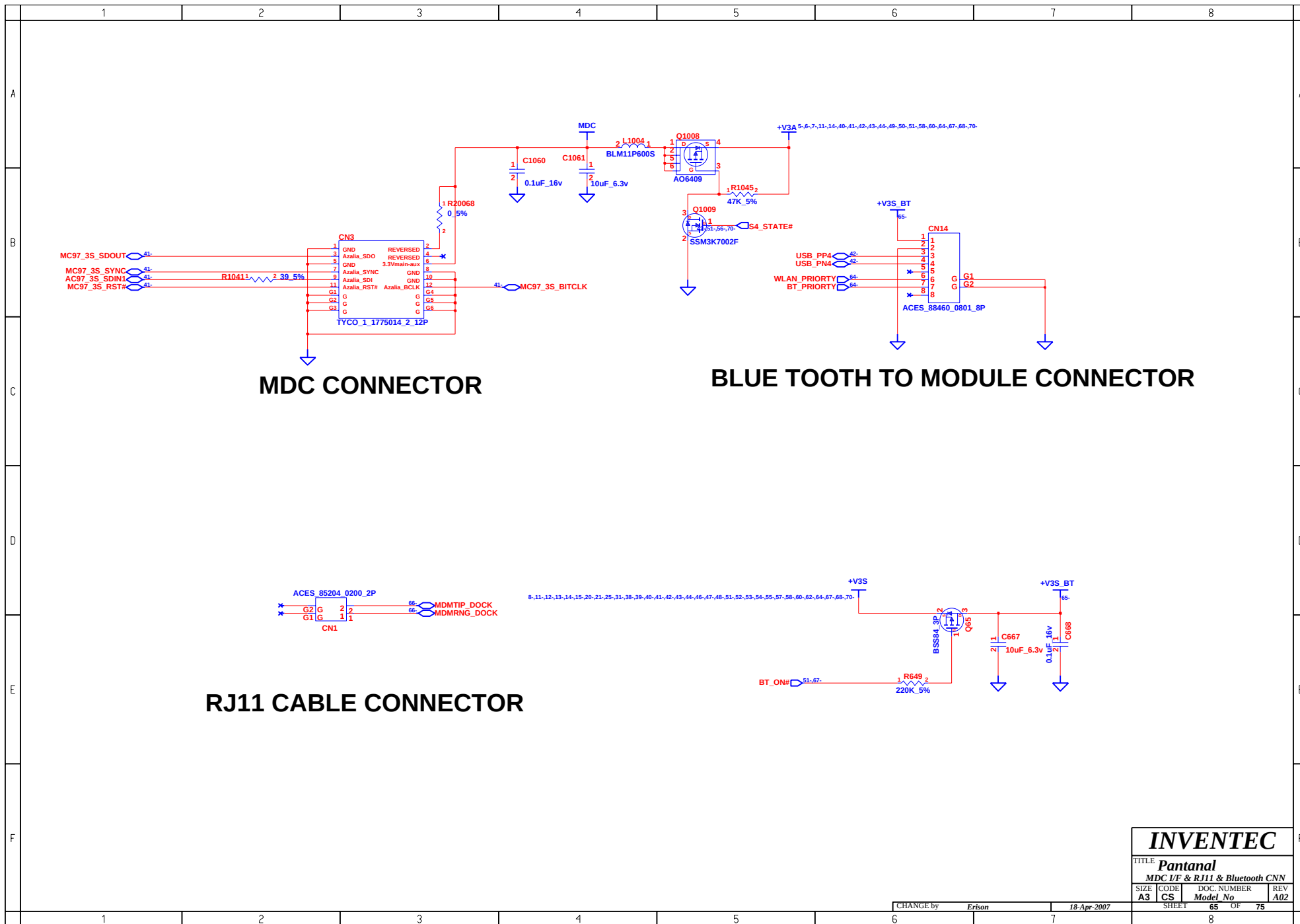
CHANGE by Erison 18-Apr-2007

SHEET 61 OF 75





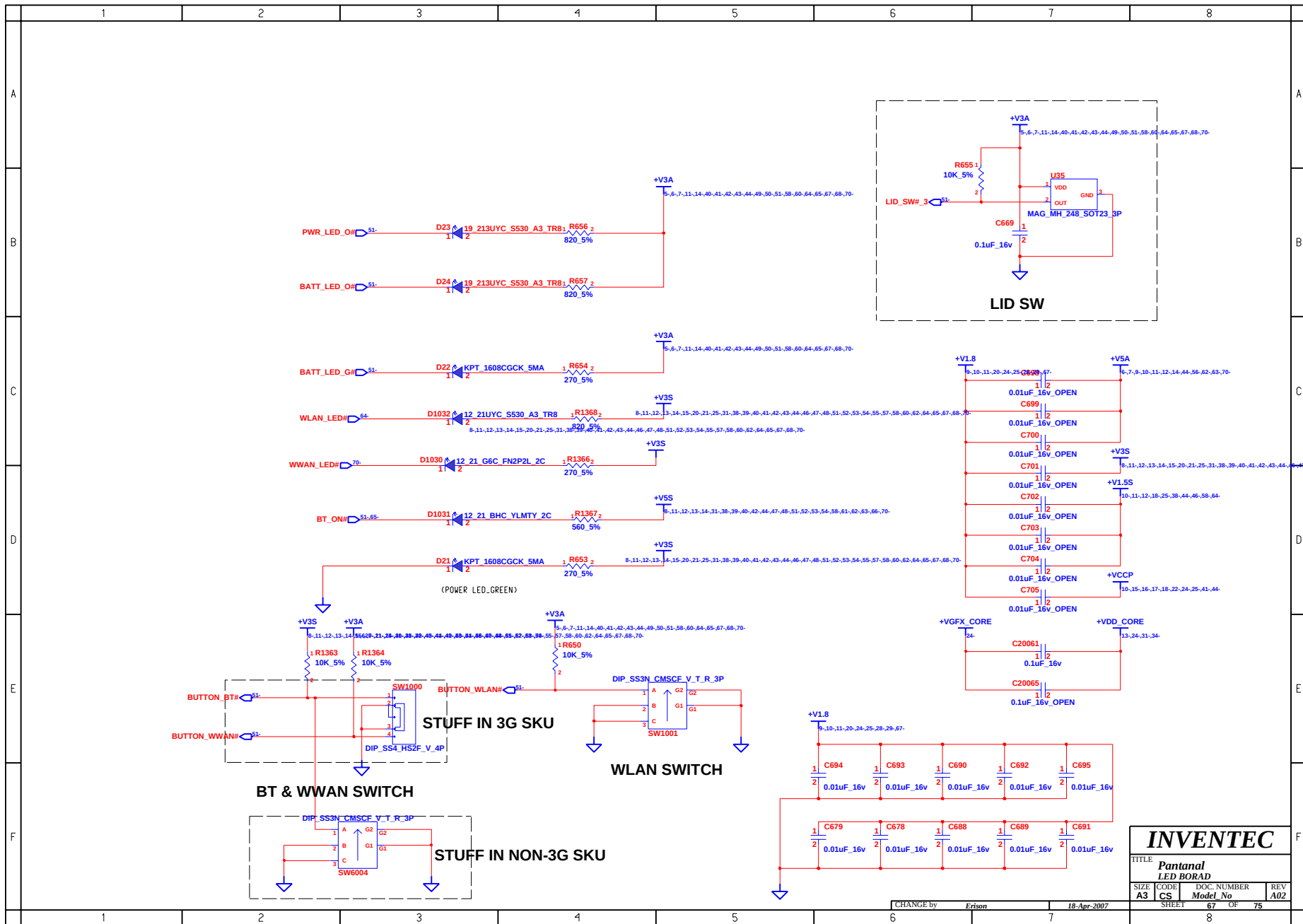
INVENTEC			
TITLE			
Pantanal			
WLAN & SIM SOCKET			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
CHANGE by		Erison	18-Apr-2007
SHEET		64	OF 75



INVENTEC			
TITLE Pantanal			
MDC I/F & RJ11 & Bluetooth CNN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02

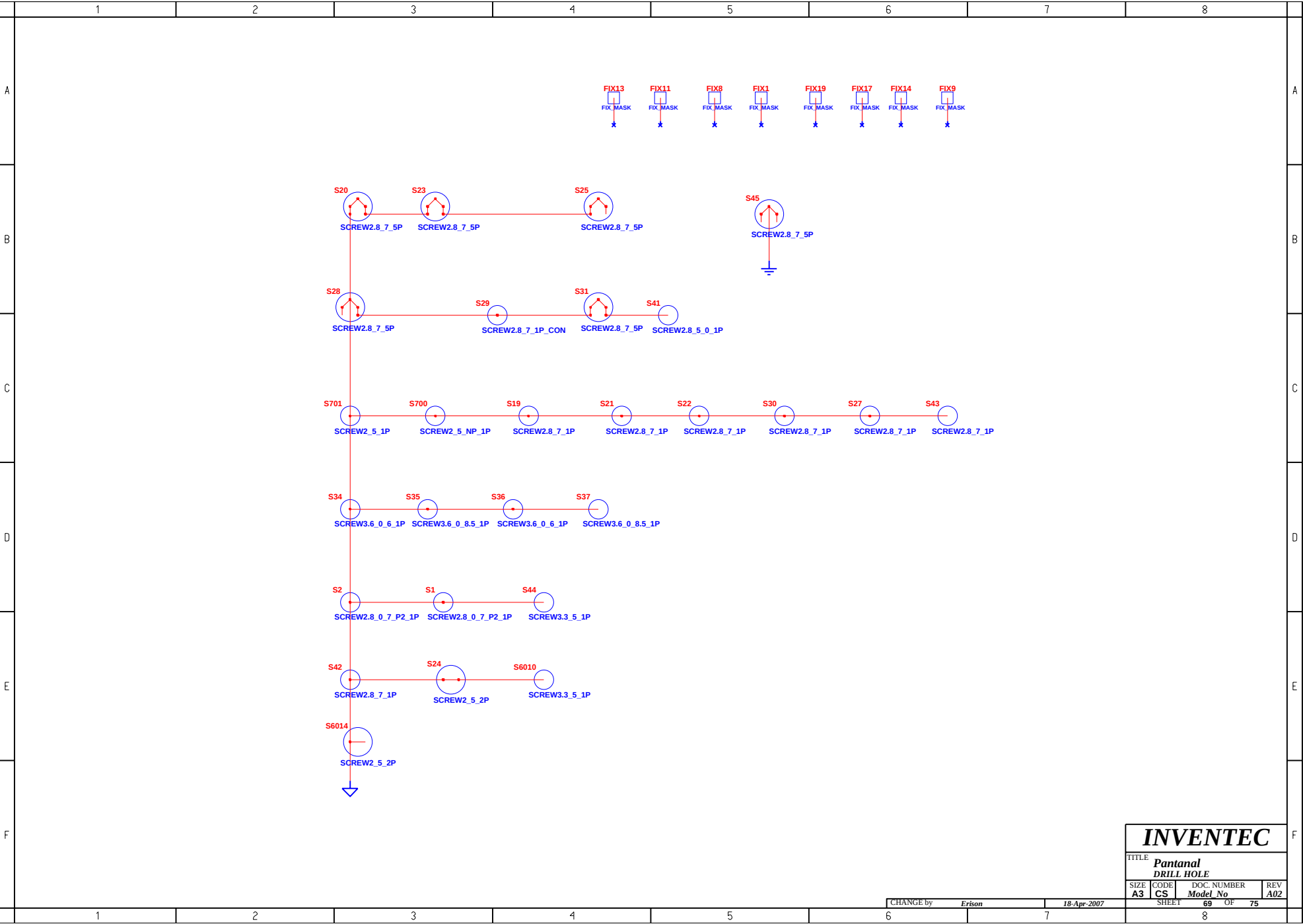
CHANGE by *Erison* 18-Apr-2007

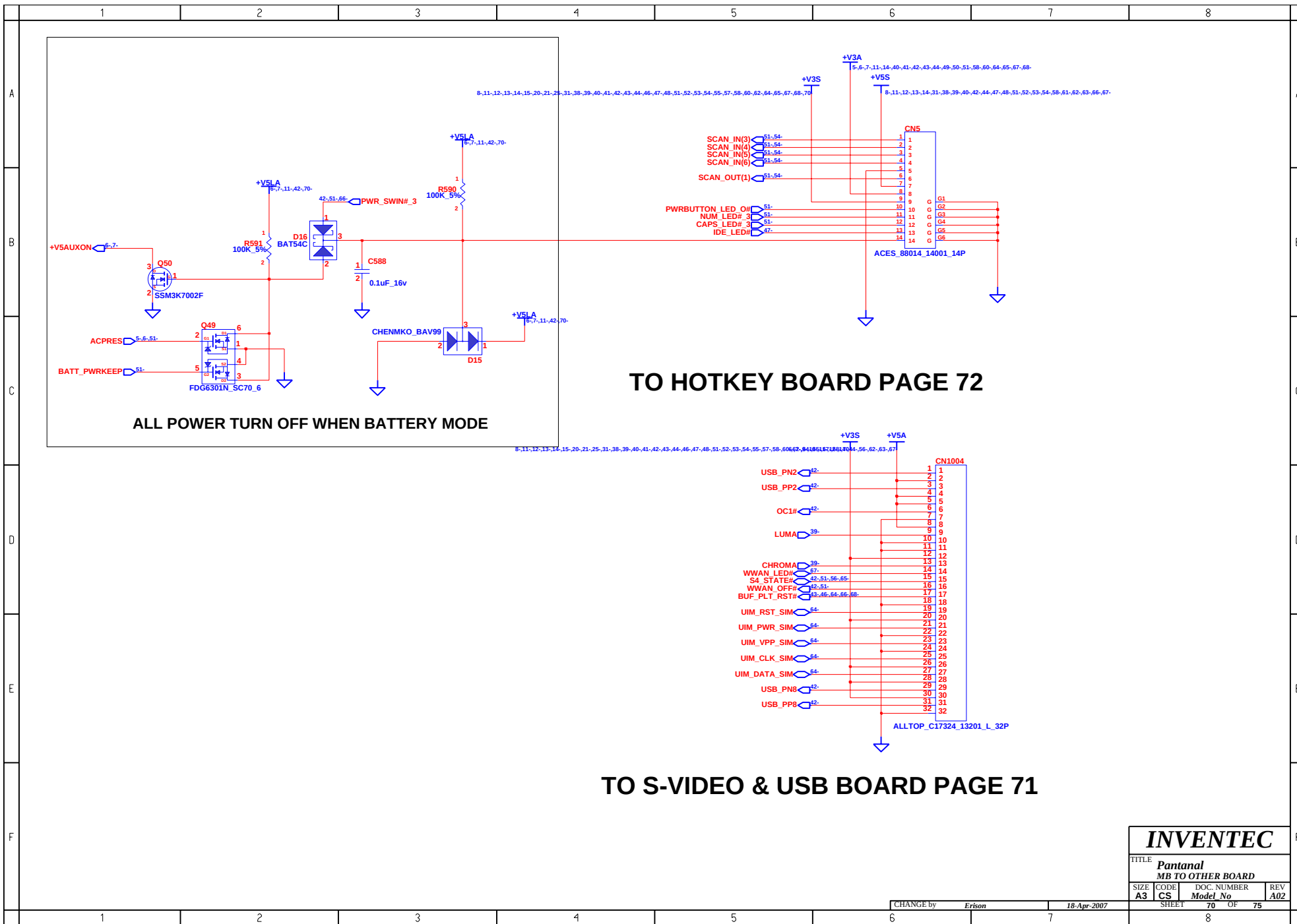
SHEET 65 OF 75

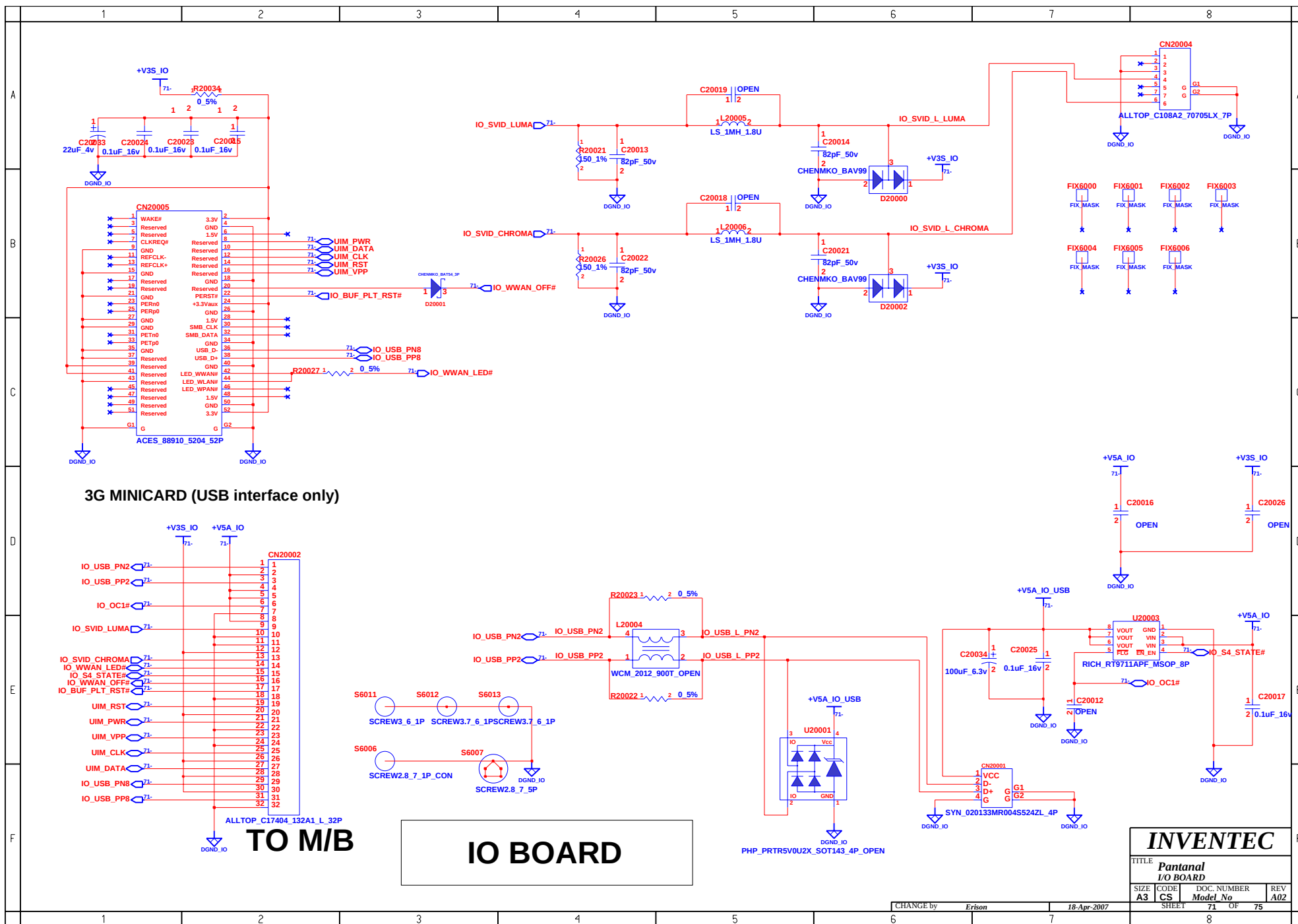


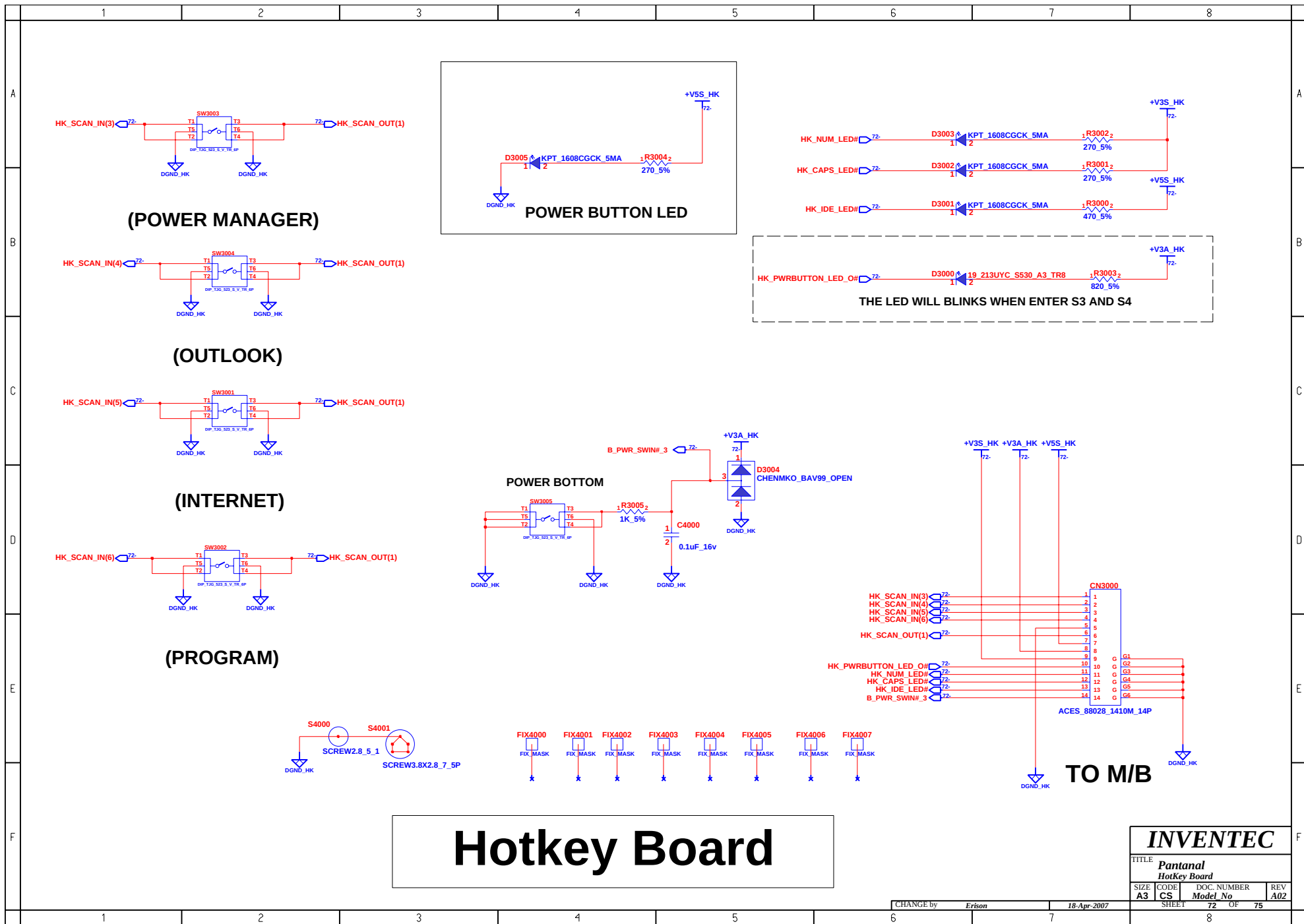
INVENTEC			
TITLE Pantanal LED BORAD			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET 67	OF 75	8	

CHANGE by Erlson 18-Apr-2007









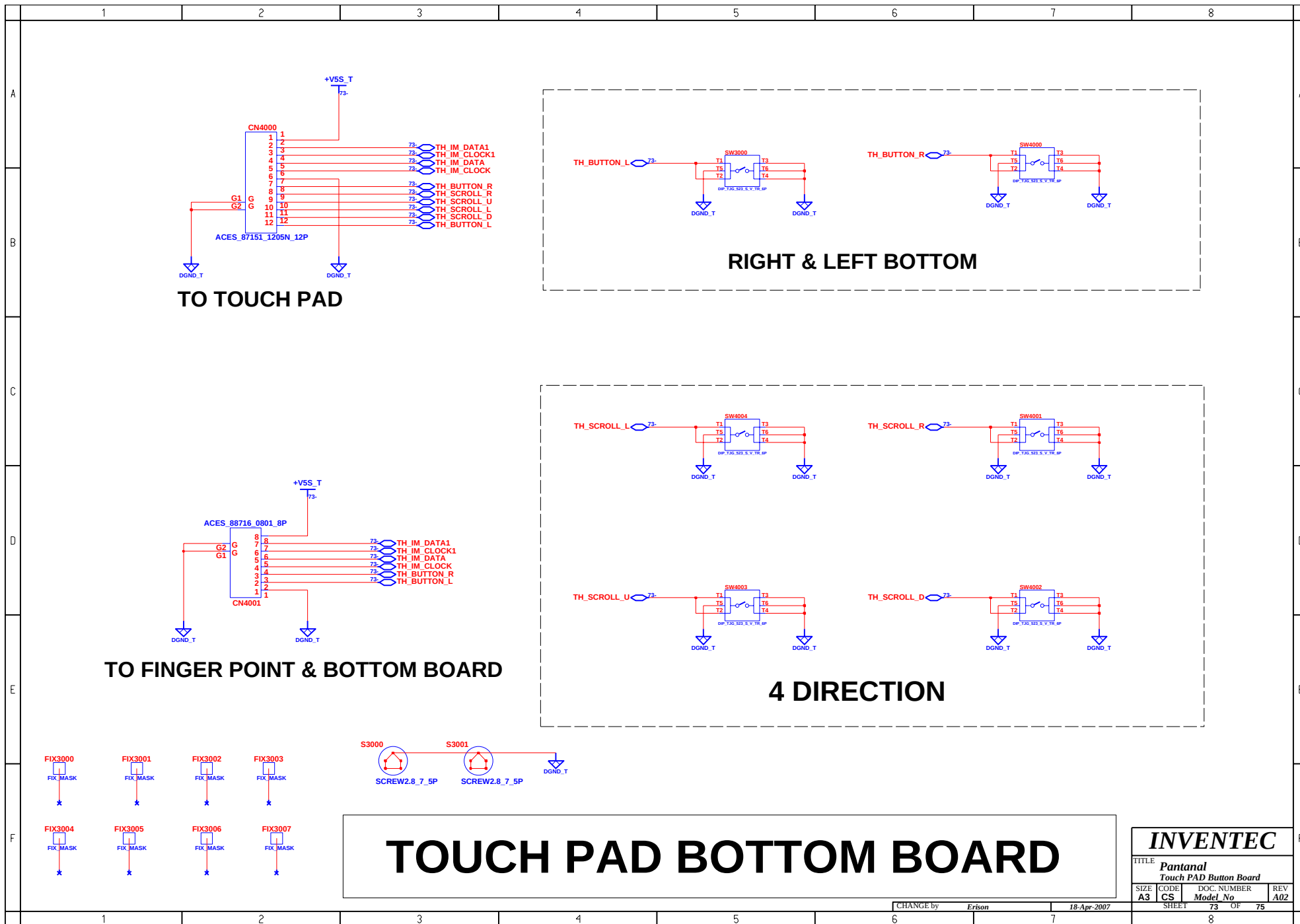
Hotkey Board

INVENTEC

TITLE		
Pantanal HotKey Board		
SIZE	CODE	DOC. NUMBER
A3	CS	Model No
SHEET		REV
72		A02

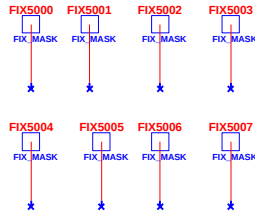
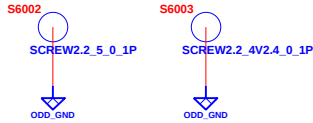
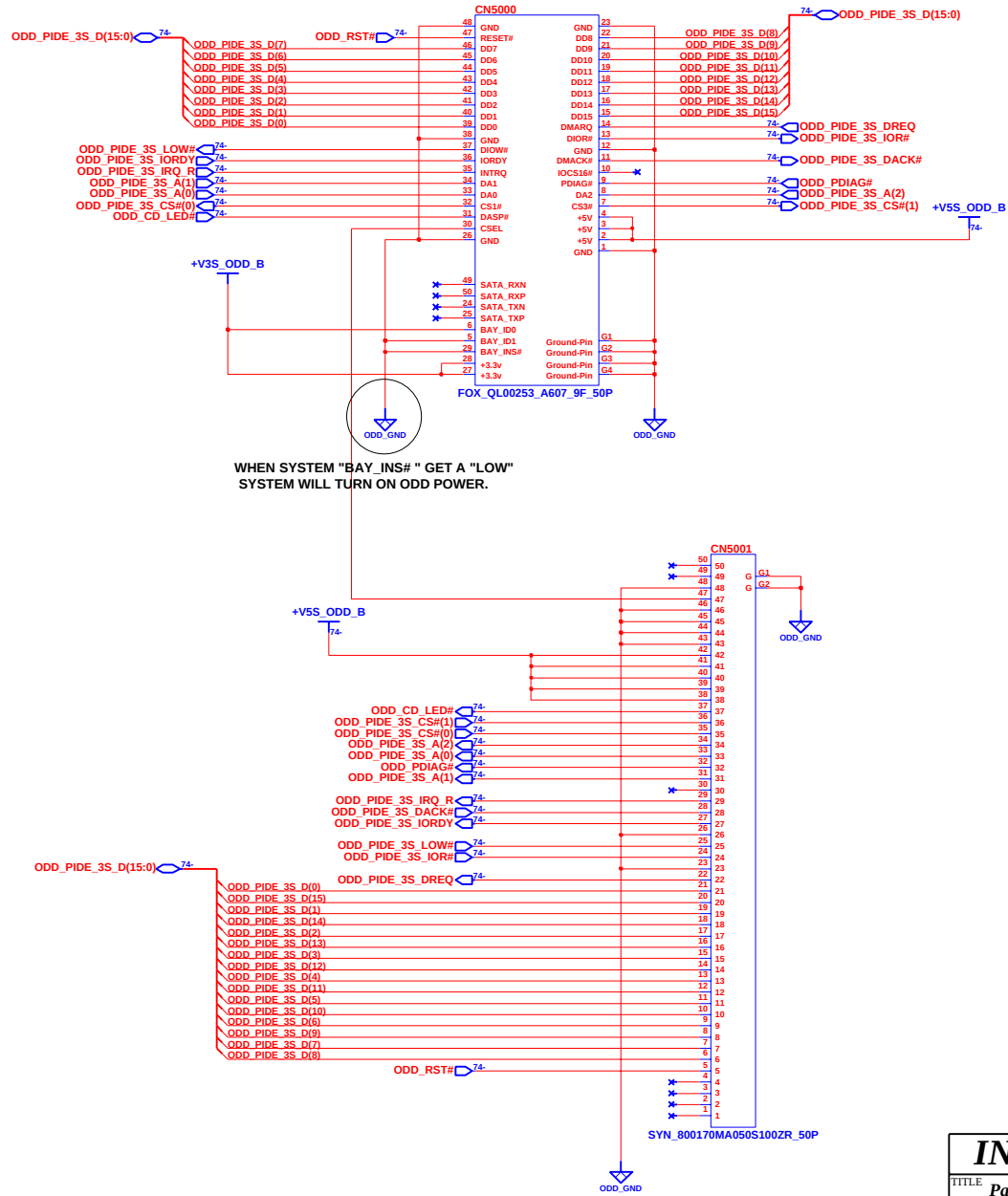
CHANGE by Erison 18-Apr-2007

72 OF 75



INVENTEC			
TITLE			
Pantanal			
Touch PAD Button Board			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
SHEET		73	OF 75

BAY_ID0	BAY_ID1	DEVICE
0	0	RESERVE
0	1	PATA HDD
1	0	PATA ODD
1	1	SATA HDD



INVENTEC			
TITLE Pantanal Multi-Bay ODD Board			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02

CHANGE by Erison 24-Apr-2007

SHEET 74 OF 75

