

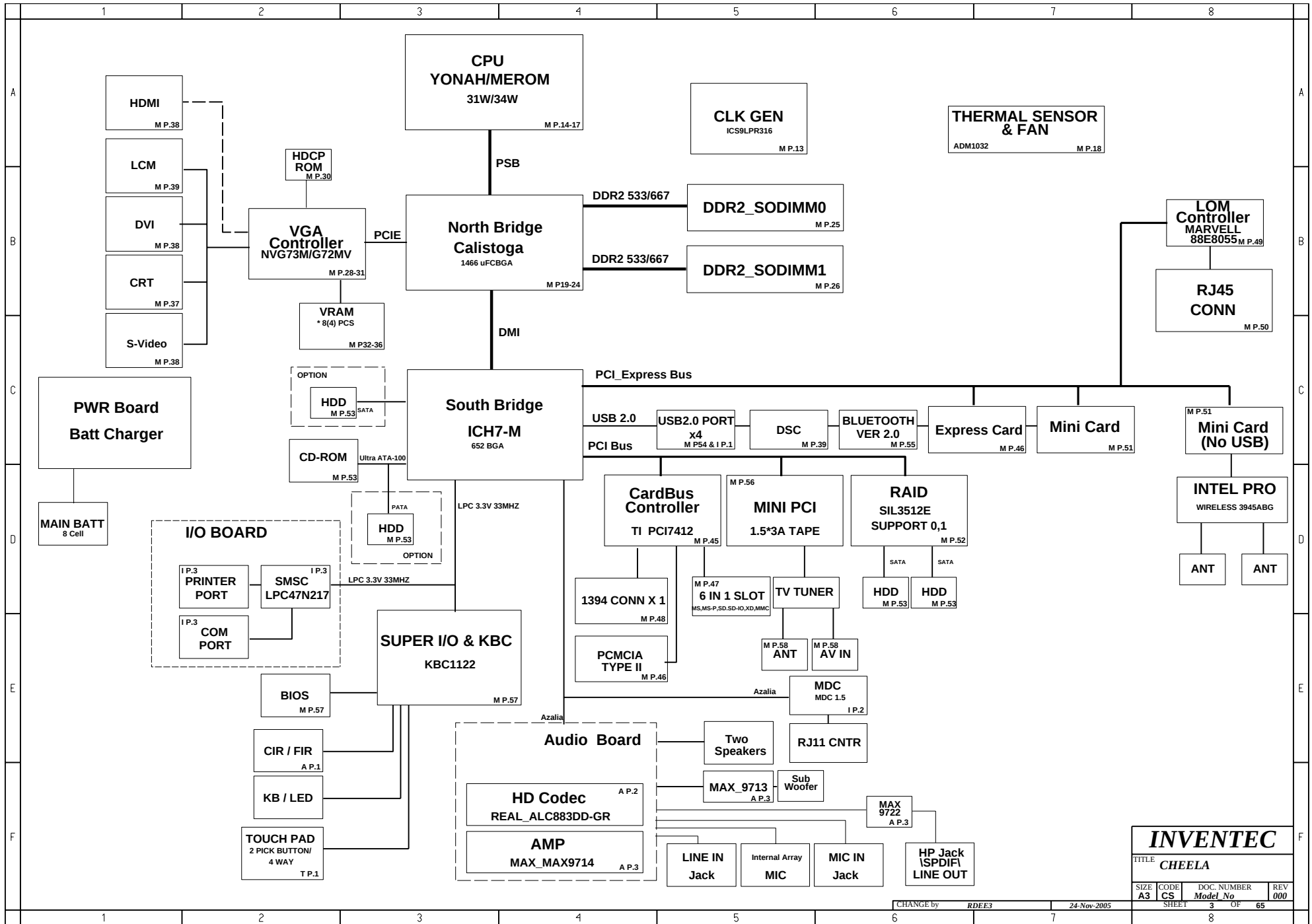
Cheela

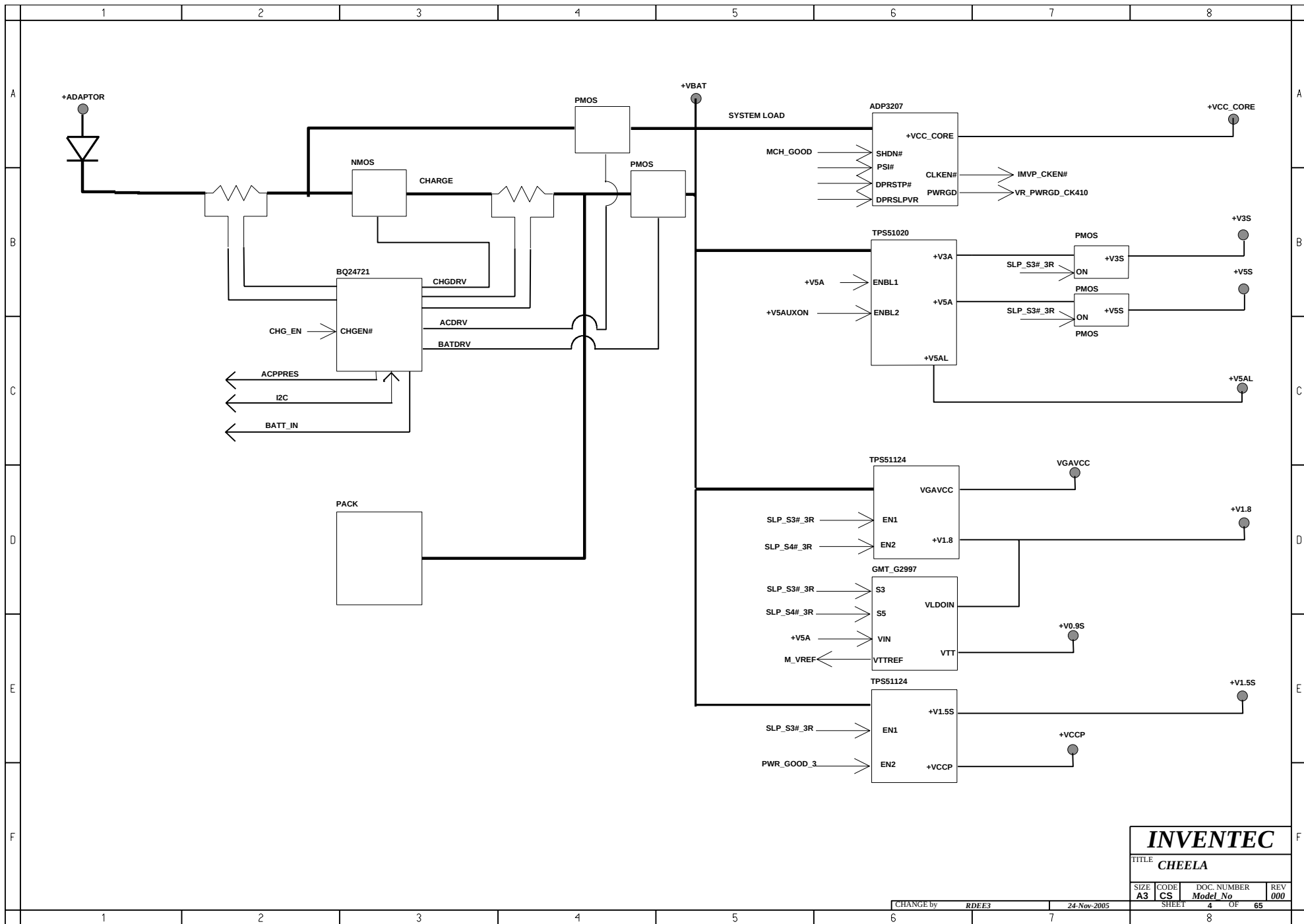
ES BUILD

2006 0101

DRAWER		EE	DATE	POWER	DATE	INVENTEC TITLE <i>Cheela</i>
DESIGN						
CHECK						
RESPONSIBLE						
SIZE = 3		VER :				SIZE CODE DOC. NUMBER REV
FILE NAME : XXXX-XXXXXX-XX						A3 CS Model No 000
P/N 1 XXXXXXXXXXXX						SHEET 1 OF 65

	1	2	3	4	5	6	7	8	
A	TABLE OF CONTENTS								A
B	PAGE		PAGE		PAGE				B
C	MAINBOARD		50.RJ45 & TRANSFORMER		TOUCHPAD BOARD				C
D	1.COVER PAGE		51.MINI CARD CONN		1.TOUCHPAD				D
E	2.INDEX		52.RAID CONTROLLER						E
F	3.BLOCK DIAGRAM		53.ODD & HDD CONN						F
	4.POWER SEQUENCE BLOCK		54.USB CONN						
	5-12.SYSTEM POWER		55.BLUE TOOTH CONN						
	13.CLOCK GENERATOR		56.MINIPCI						
	14-17.CPU Yonah		57.SUPER I/O						
	18.FAN & THERMAL CONTROLLER		58.CODEC						
	19-24.N/B Calistoga		59.AUDIO AMP						
	25.DDR2 DIMM0		60.TV CONN & DC IN						
	26.DDR2 DIMM1		61.SCREW						
	27.DDR DAMPING		62.TO OTHER BOARD CONN						
	28-31.VGA		I/O BOARD						
	32-36.GDDR2		1.USB CONN						
	37.CRT CONN		2.MDC CONN						
	38.SVIDEO & HDMI & DVI CONN		3.PRT & COM PORT CONN						
	39.LCD CONN		AUDIO BOARD						
	40-44.S/B ICH7		1.IR/CIR						
	45.CARDBUS CONTROLLER		2.BT&WIRELESS SW						
	46.PCMCIA & EXPRESS CARD		HOTKEY BOARD						
	47.6 IN 1 CARD SLOT		1.HOTKEY BUTTON						
	48.1394 CONTROLLER		MEDIA BOARD						
	49.LAN CONTROLLER		1.MEDIA BUTTON						
						INVENTEC Cheela SIZE: A3CODE: CSDOC. NUMBER: Model NoREV: 000 CHANGE by: Arthur Chen19-Dec-2005SHEET: 2 OF 65			
	1	2	3	4	5	6	7	8	





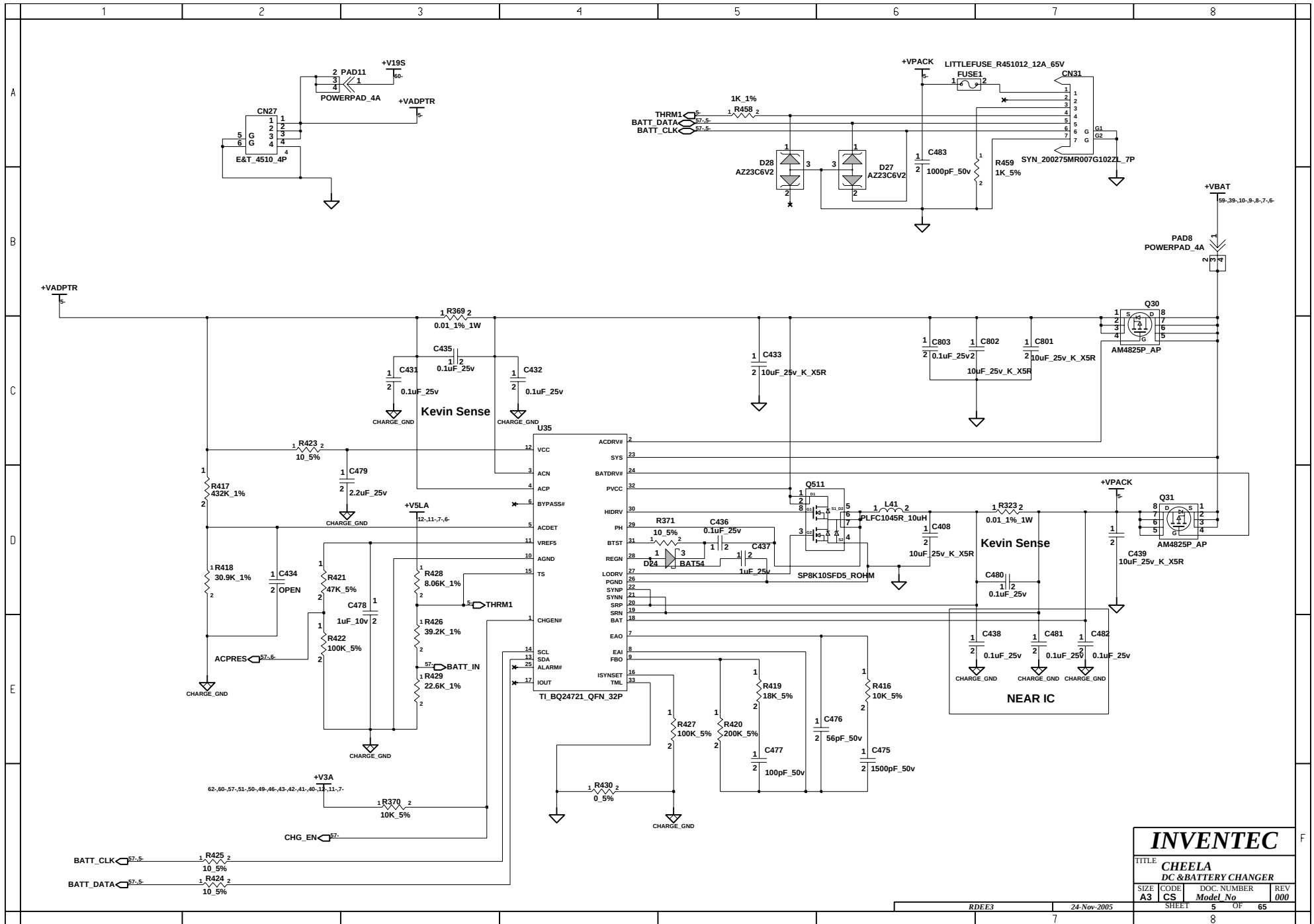
INVENTEC

TITLE **CHEELA**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

CHANGE by **RDEE3** 24-Nov-2005

SHEET 4 OF 65



1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

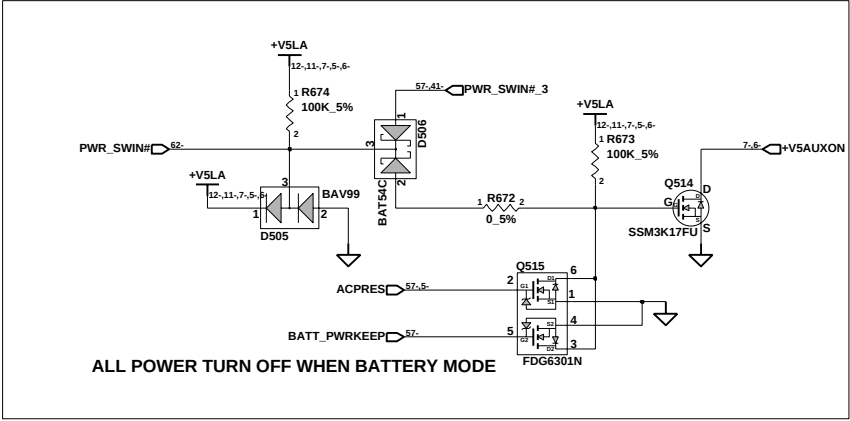
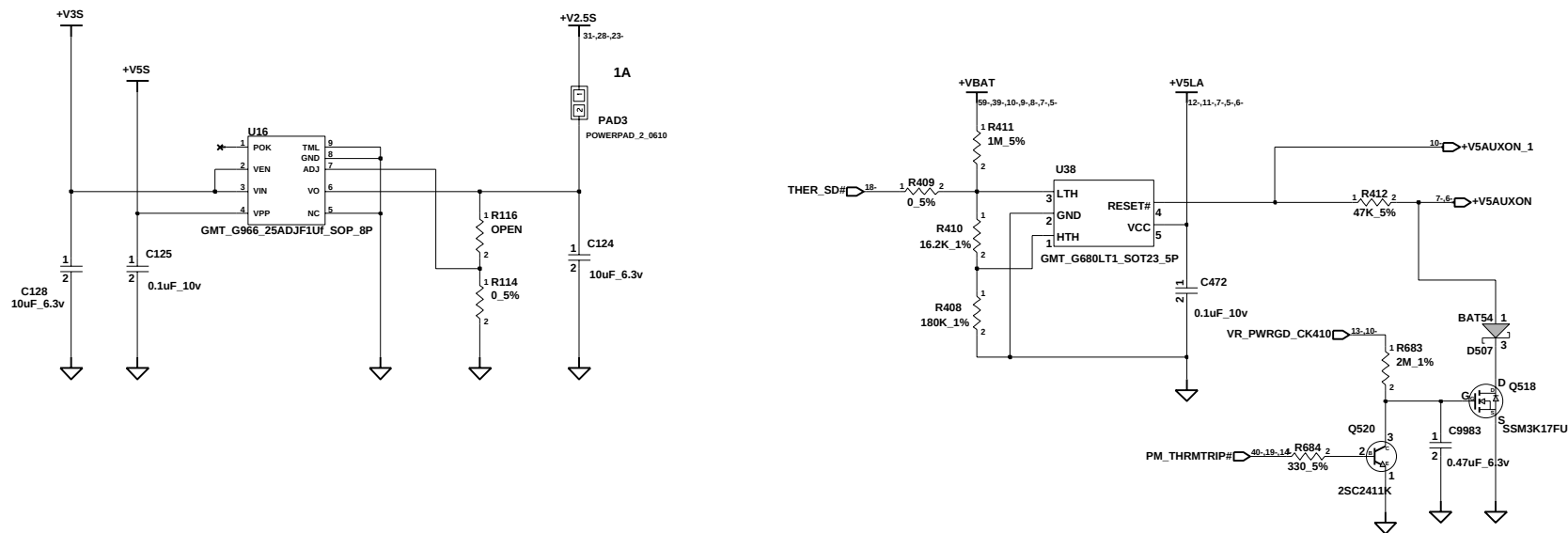
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D

E

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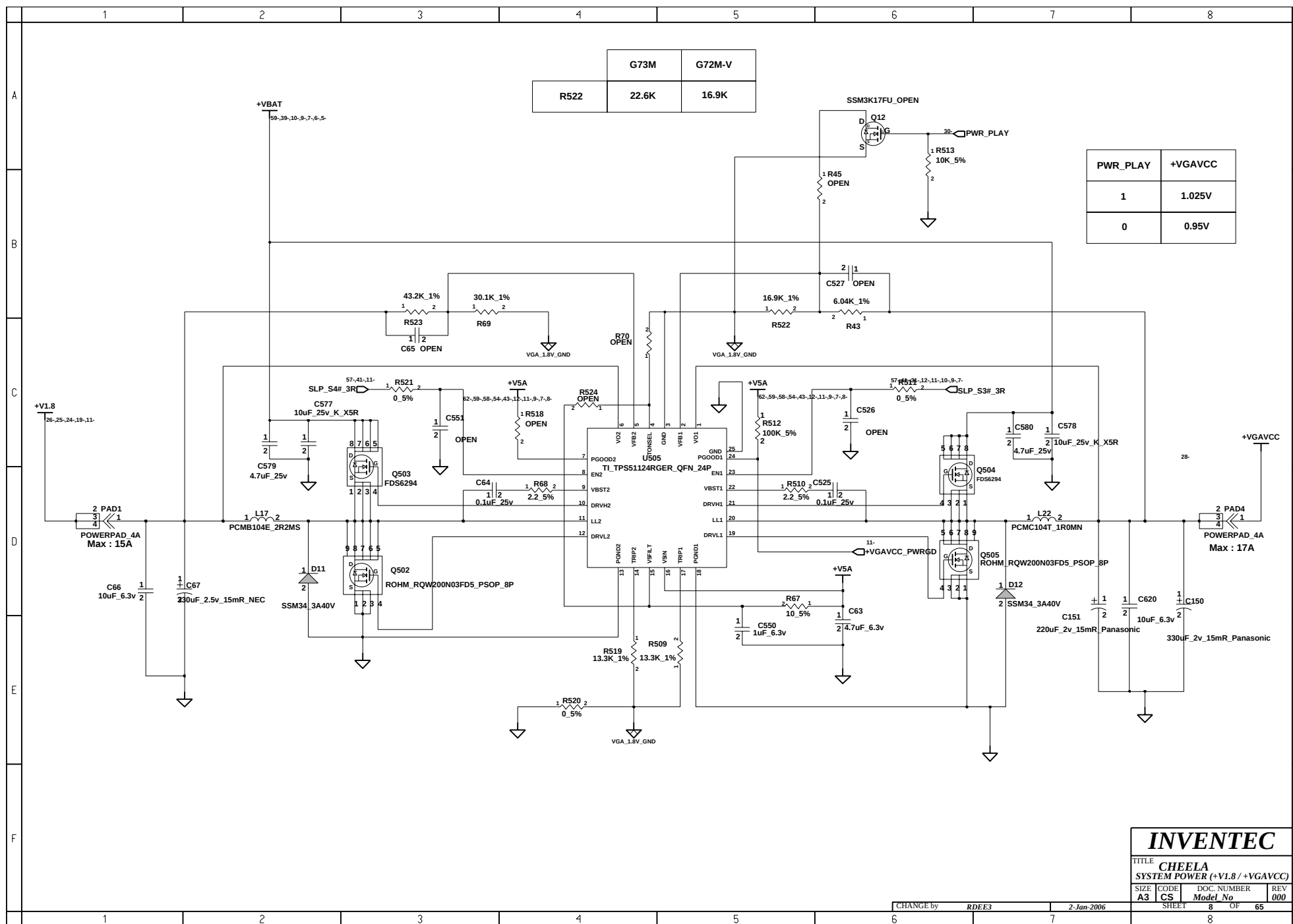


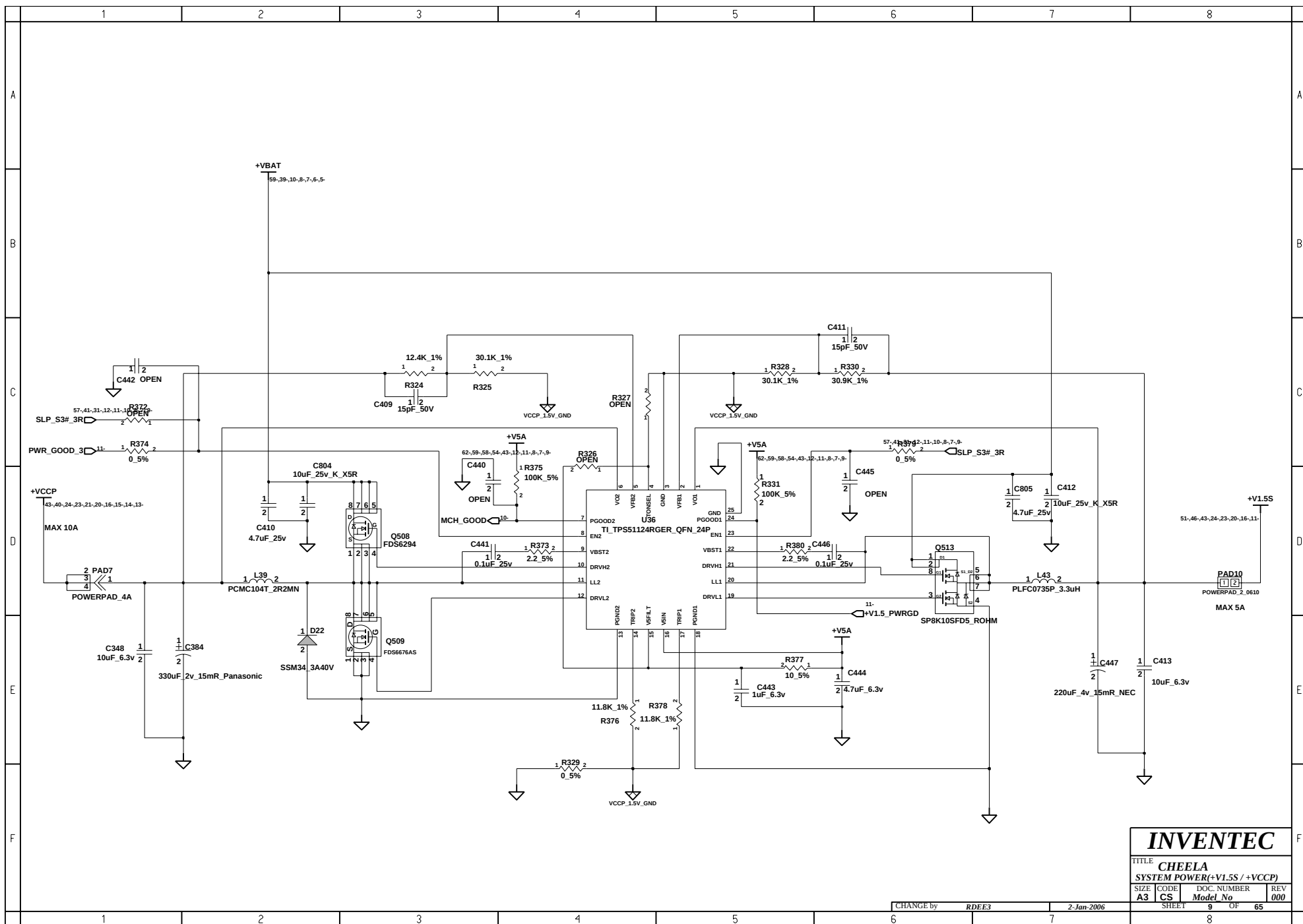
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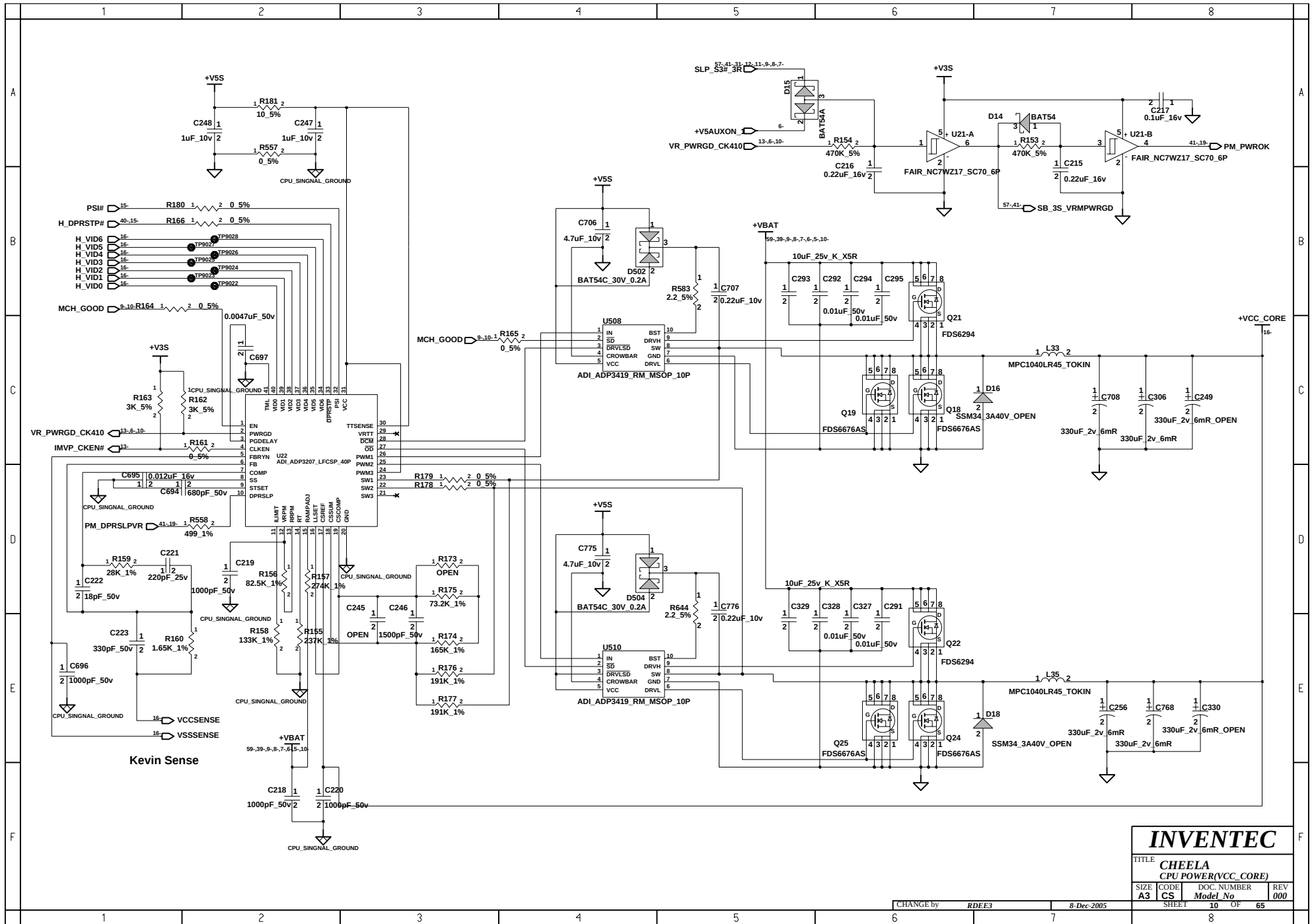
TITLE			
CHEELA			
+V2.5S / RESET			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

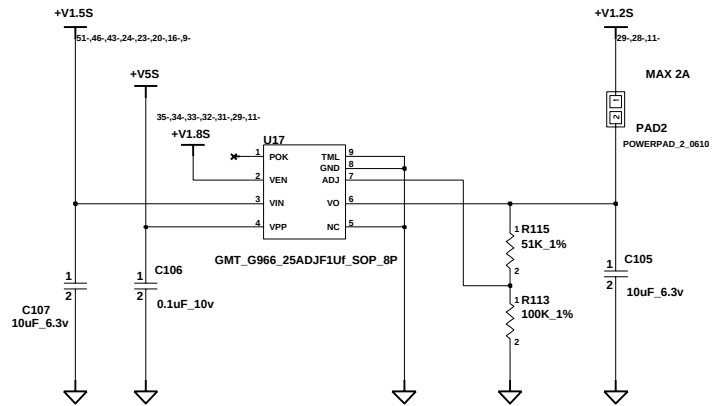
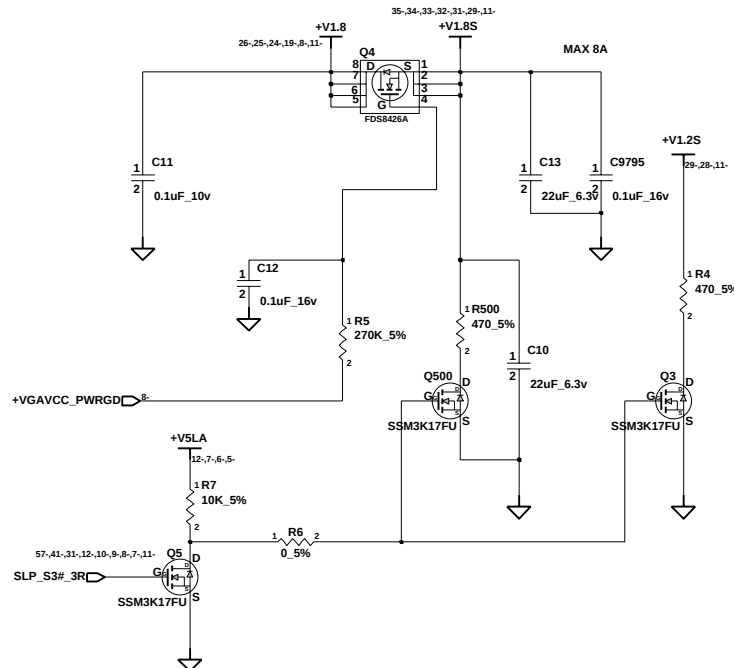
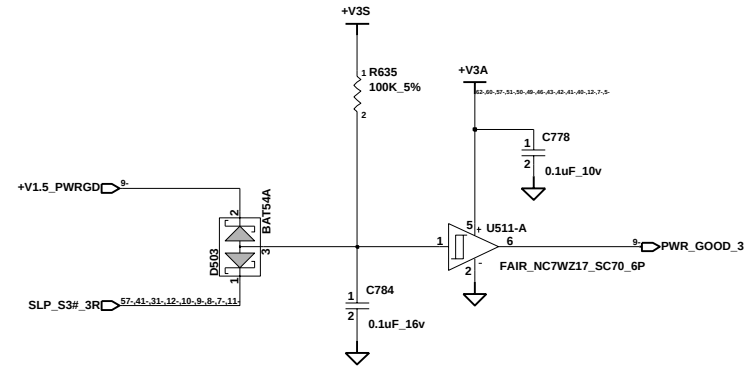
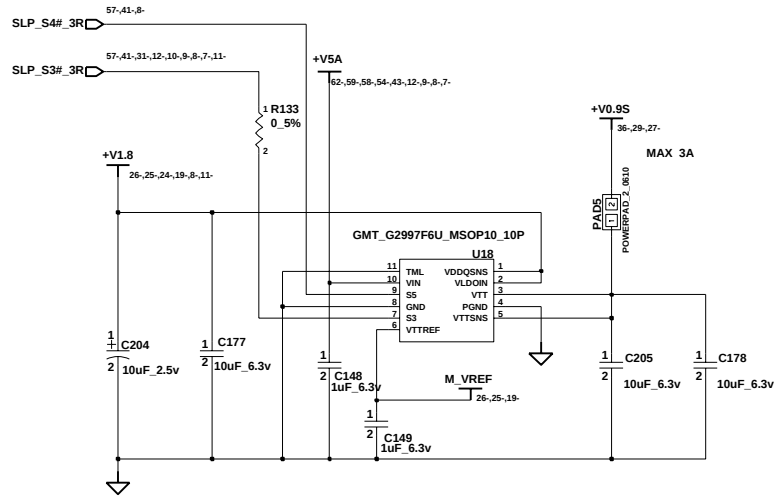
CHANGE by RDEE3 24-Nov-2005

SHEET 6 OF 65





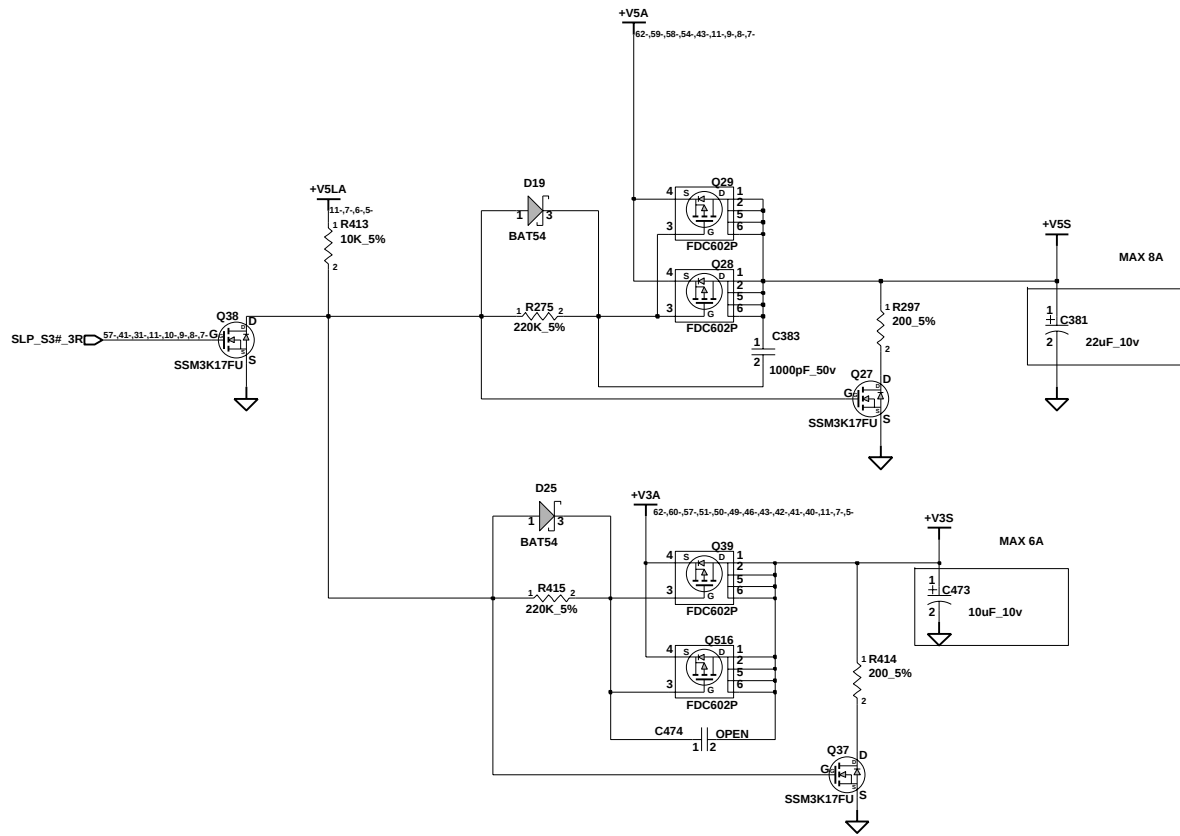




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TITLE			
CHEELA			
+V0.9S / POWER GOOD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

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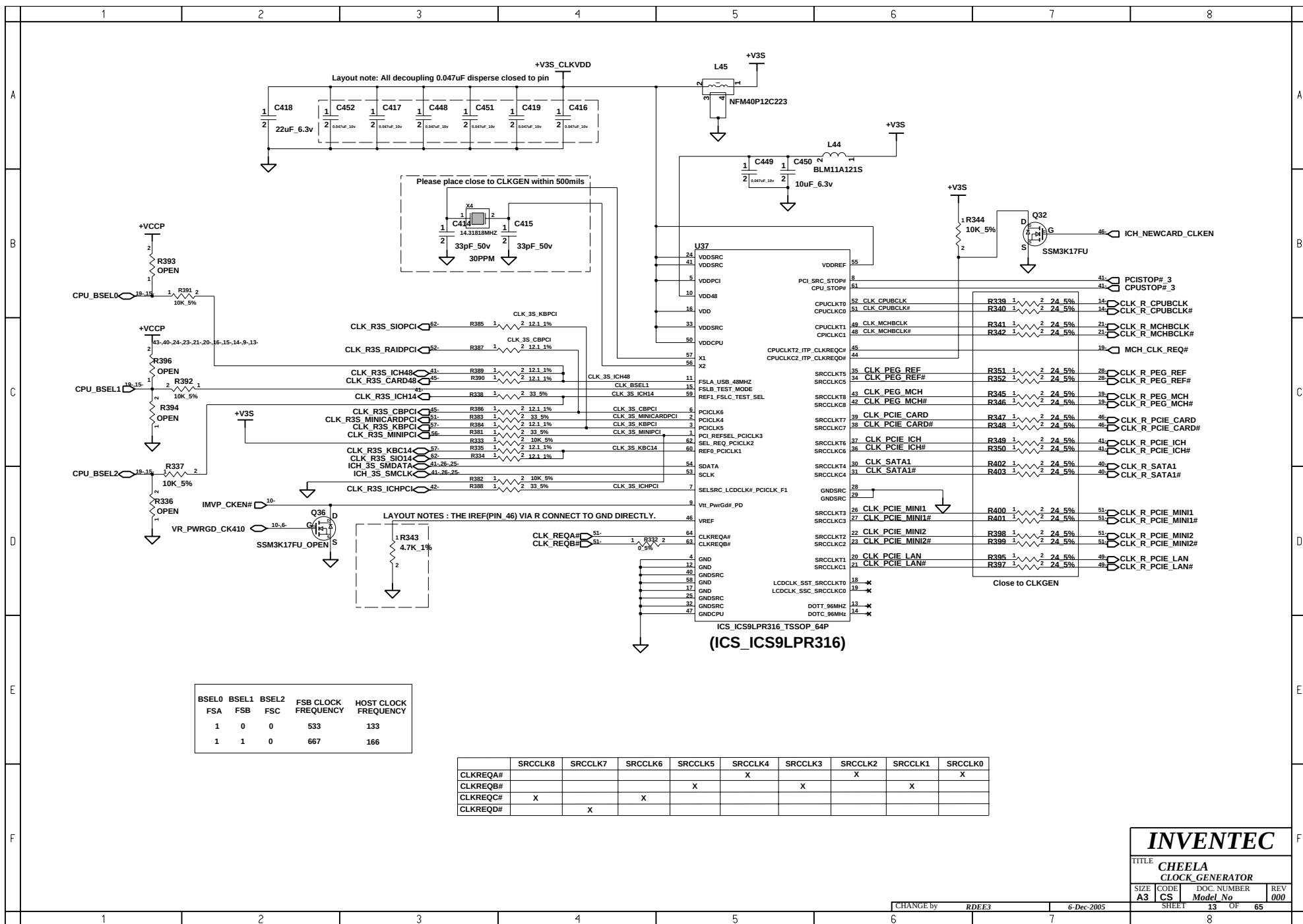
SHEET 11 OF 65

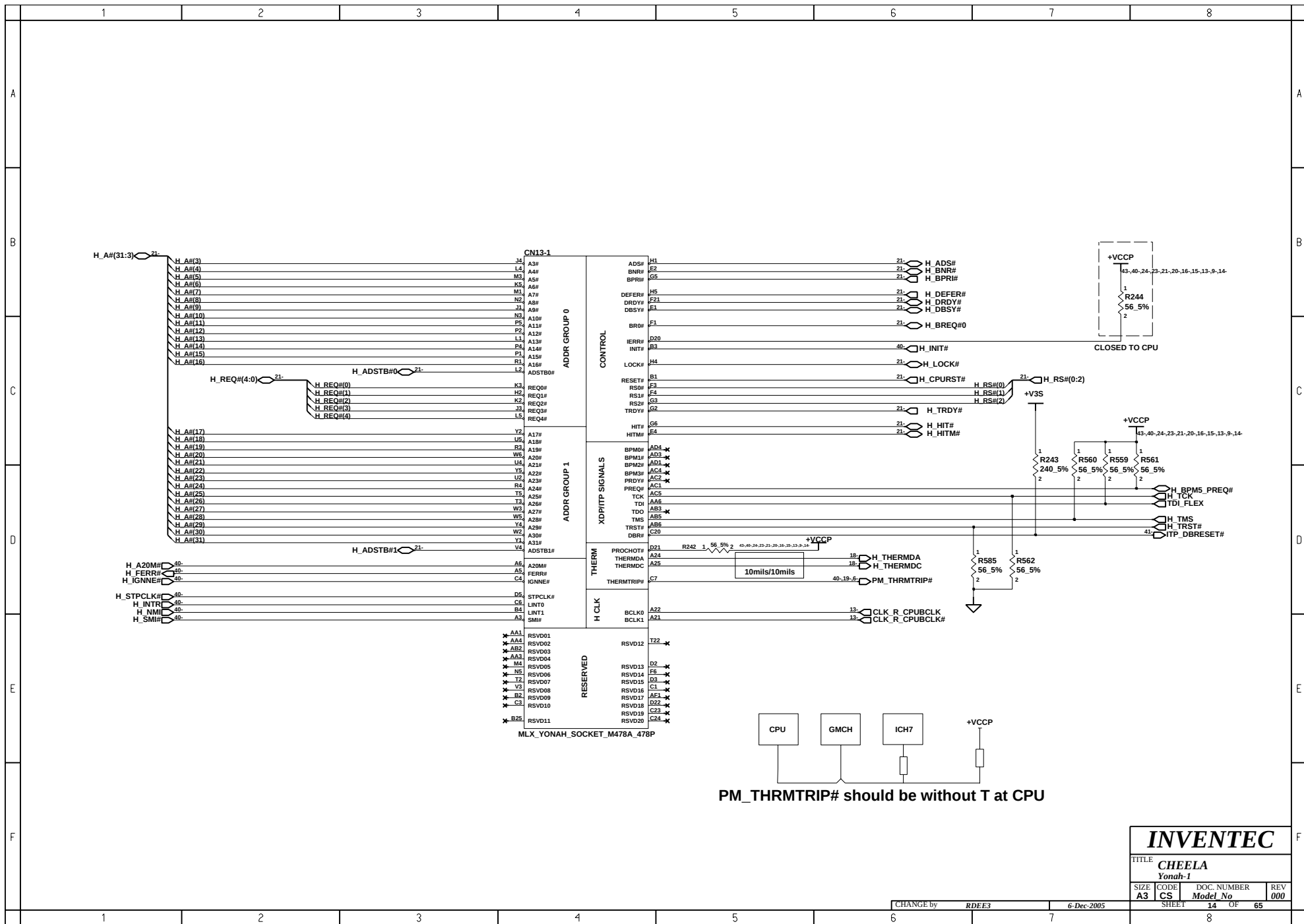


INVENTEC

TITLE			
CHEELA POWER(SLEEP)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000
SHEET		12	OF 65

CHANGE by RDEE3 24-Nov-2005



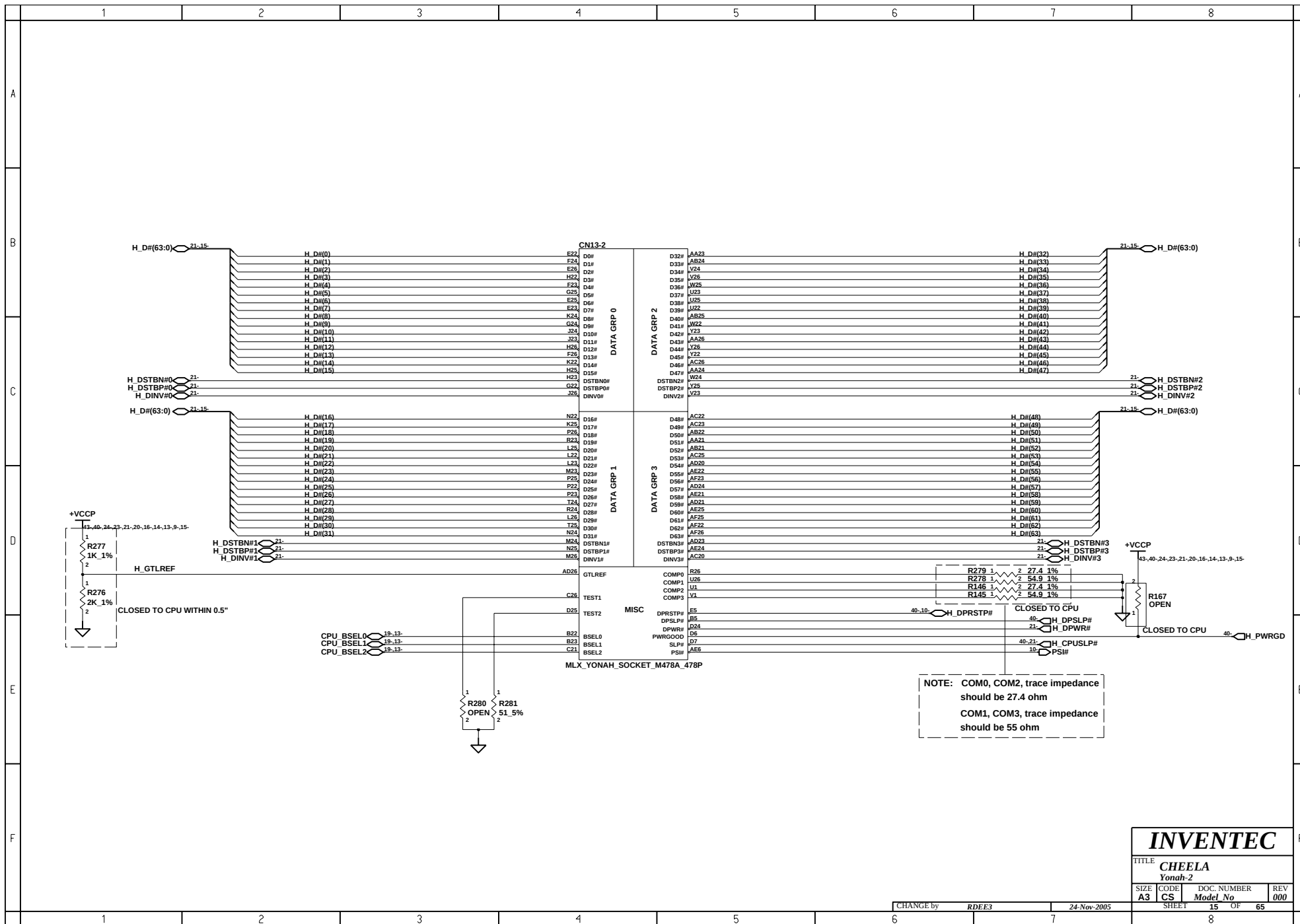


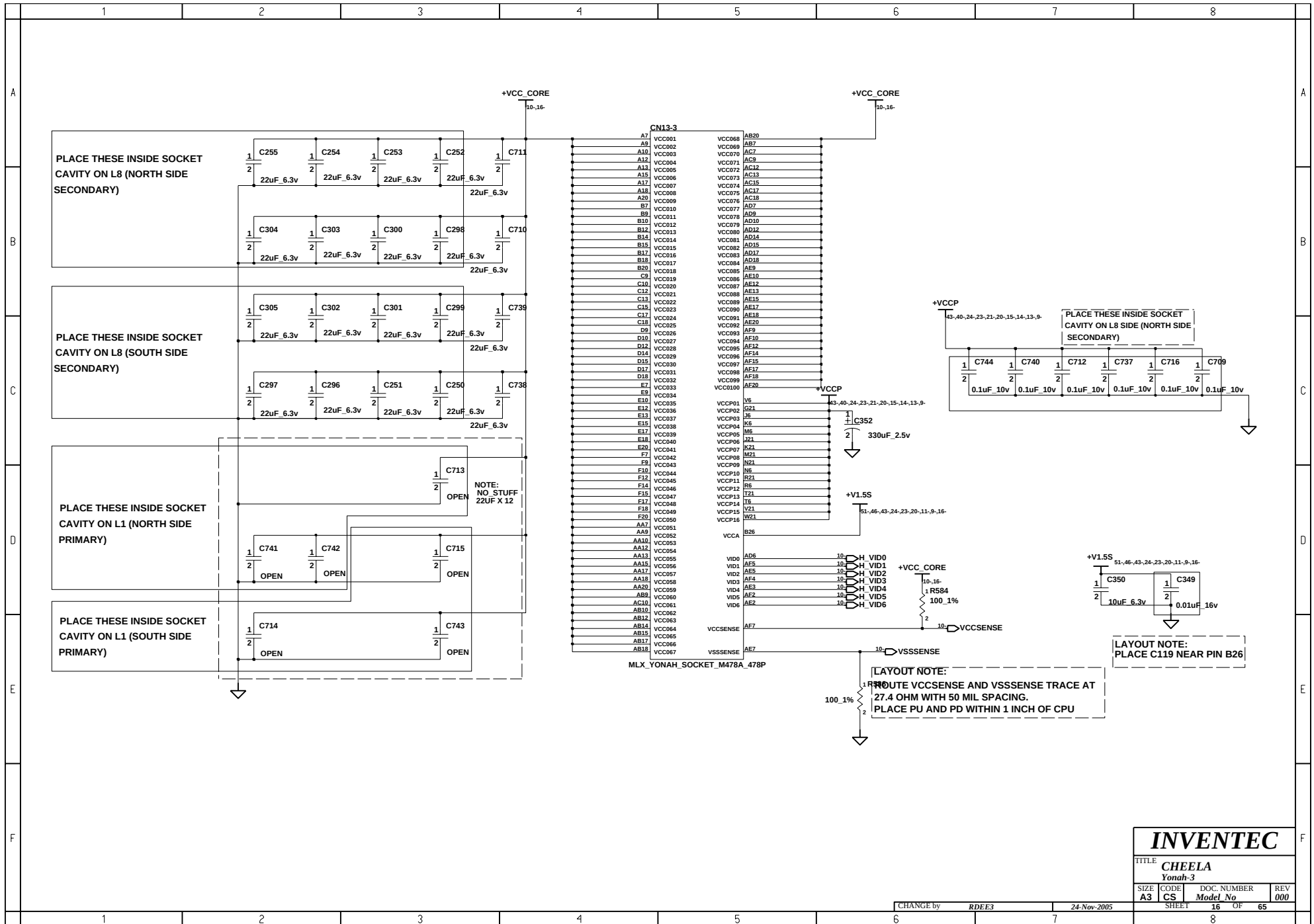
INVENTEC

TITLE			
CHEELA			
Yonah-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

CHANGE by RDEE3 6-Dec-2005

SHEET 14 OF 65





INVENTEC

TITLE CHEELA			
Yonah-3			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000
SHEET 16		OF 65	

CHANGE by **RDEE3** 24-Nov-2005

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

CN13-4

A4

VS5001

A5

VS5002

A11

VS5003

A14

VS5004

A15

VS5005

A16

VS5006

A23

VS5007

A26

VS5008

B6

VS5009

B8

VS5010

B11

VS5011

B14

VS5012

B15

VS5013

B16

VS5014

B21

VS5015

B24

VS5016

C5

VS5017

C8

VS5018

C11

VS5019

C15

VS5020

C16

VS5021

C19

VS5022

C2

VS5023

C22

VS5024

C25

VS5025

D1

VS5026

D4

VS5027

D5

VS5028

D11

VS5029

D13

VS5030

D16

VS5031

D18

VS5032

D21

VS5033

D26

VS5034

E3

VS5035

E5

VS5036

E8

VS5037

E11

VS5038

E14

VS5039

E15

VS5040

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VS5041

E21

VS5042

E24

VS5043

F3

VS5044

F8

VS5045

F11

VS5046

F15

VS5047

F18

VS5048

F19

VS5049

F2

VS5050

F22

VS5051

F25

VS5052

G4

VS5053

G1

VS5054

G21

VS5055

G26

VS5056

H3

VS5057

H6

VS5058

H21

VS5059

H24

VS5060

J2

VS5061

J5

VS5062

J21

VS5063

J25

VS5064

K1

VS5065

K4

VS5066

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VS5067

K26

VS5068

L3

VS5069

L15

VS5070

L21

VS5071

L24

VS5072

M2

VS5073

M5

VS5074

M21

VS5075

M25

VS5076

N1

VS5077

N4

VS5078

N21

VS5079

N26

VS5080

P3

VS5081

P6

VS5082

P21

VS5083

P24

VS5084

R2

VS5085

R5

VS5086

R22

VS5087

R25

VS5088

T1

VS5089

T4

VS5090

T23

VS5091

T26

VS5092

U3

VS5093

U5

VS5094

U21

VS5095

U24

VS5096

V2

VS5097

V5

VS5098

V22

VS5099

V25

VS5100

W1

VS5101

W4

VS5102

W23

VS5103

W26

VS5104

Y3

VS5105

Y6

VS5106

Y21

VS5107

Y24

VS5108

AA2

VS5109

AA5

VS5110

AA8

VS5111

AA11

VS5112

AA14

VS5113

AA16

VS5114

AA18

VS5115

AA22

VS5116

AA25

VS5117

AB1

VS5118

AB4

VS5119

AB8

VS5120

AB11

VS5121

AB13

VS5122

AB16

VS5123

AB19

VS5124

AB23

VS5125

AB26

VS5126

AC3

VS5127

AC6

VS5128

AC8

VS5129

AC11

VS5130

AC14

VS5131

AC16

VS5132

AC19

VS5133

AC21

VS5134

AC24

VS5135

AD2

VS5136

AD5

VS5137

AD8

VS5138

AD11

VS5139

AD13

VS5140

AD16

VS5141

AD19

VS5142

AD22

VS5143

AD25

VS5144

AE1

VS5145

AE4

VS5146

AE8

VS5147

AE11

VS5148

AE14

VS5149

AE16

VS5150

AE19

VS5151

AE23

VS5152

AE26

VS5153

AF3

VS5154

AF5

VS5155

AF8

VS5156

AF11

VS5157

AF13

VS5158

AF18

VS5159

AF19

VS5160

AF21

VS5161

AF24

VS5162

MLX YONAH SOCKET M478A 478P

INVENTEC

TITLE

CHEELA

Yonah-4

SIZE

A3

CODE

CS

DOC. NUMBER

Model No

REV

000

CHANGE by

RDEE3

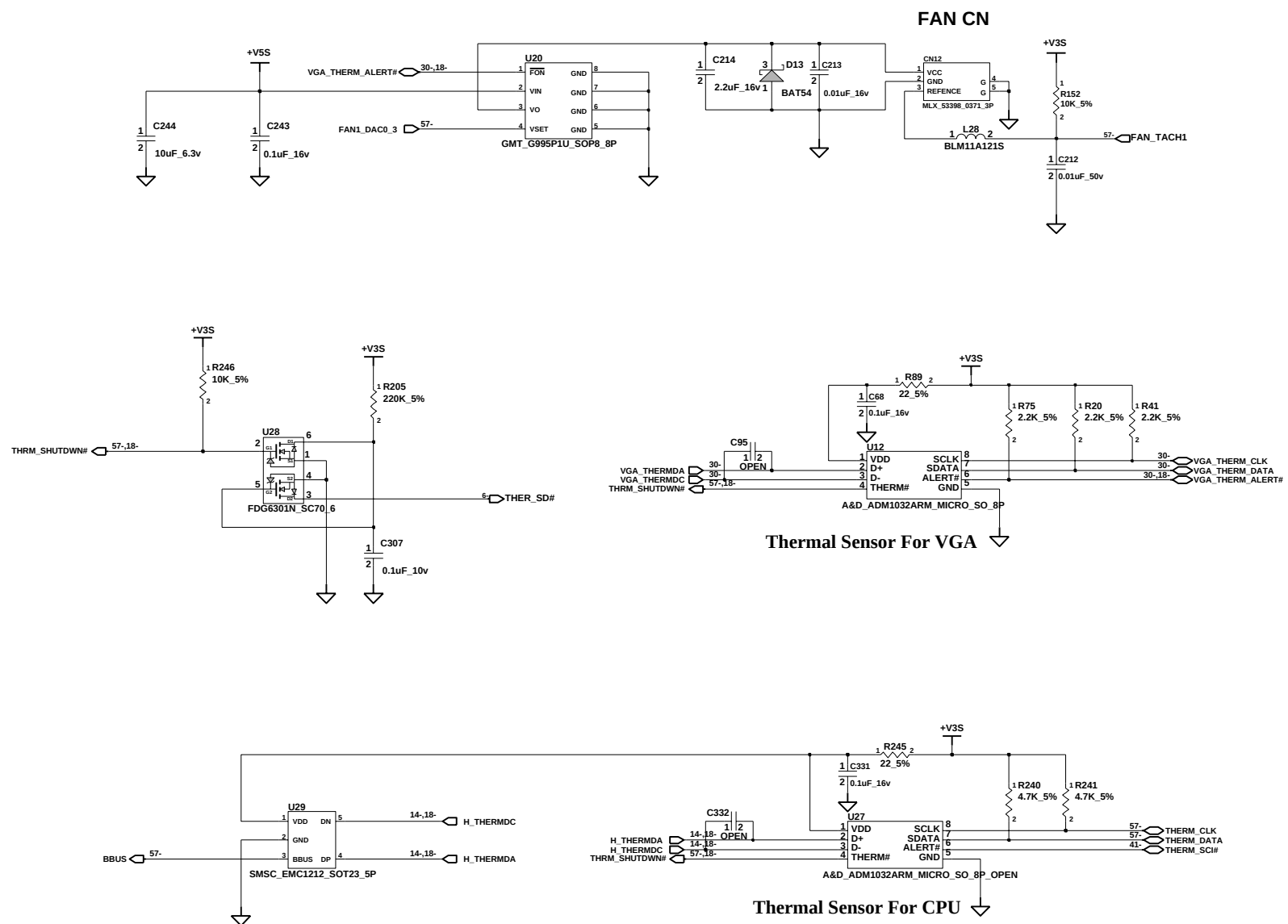
24-Nov-2005

SHEET

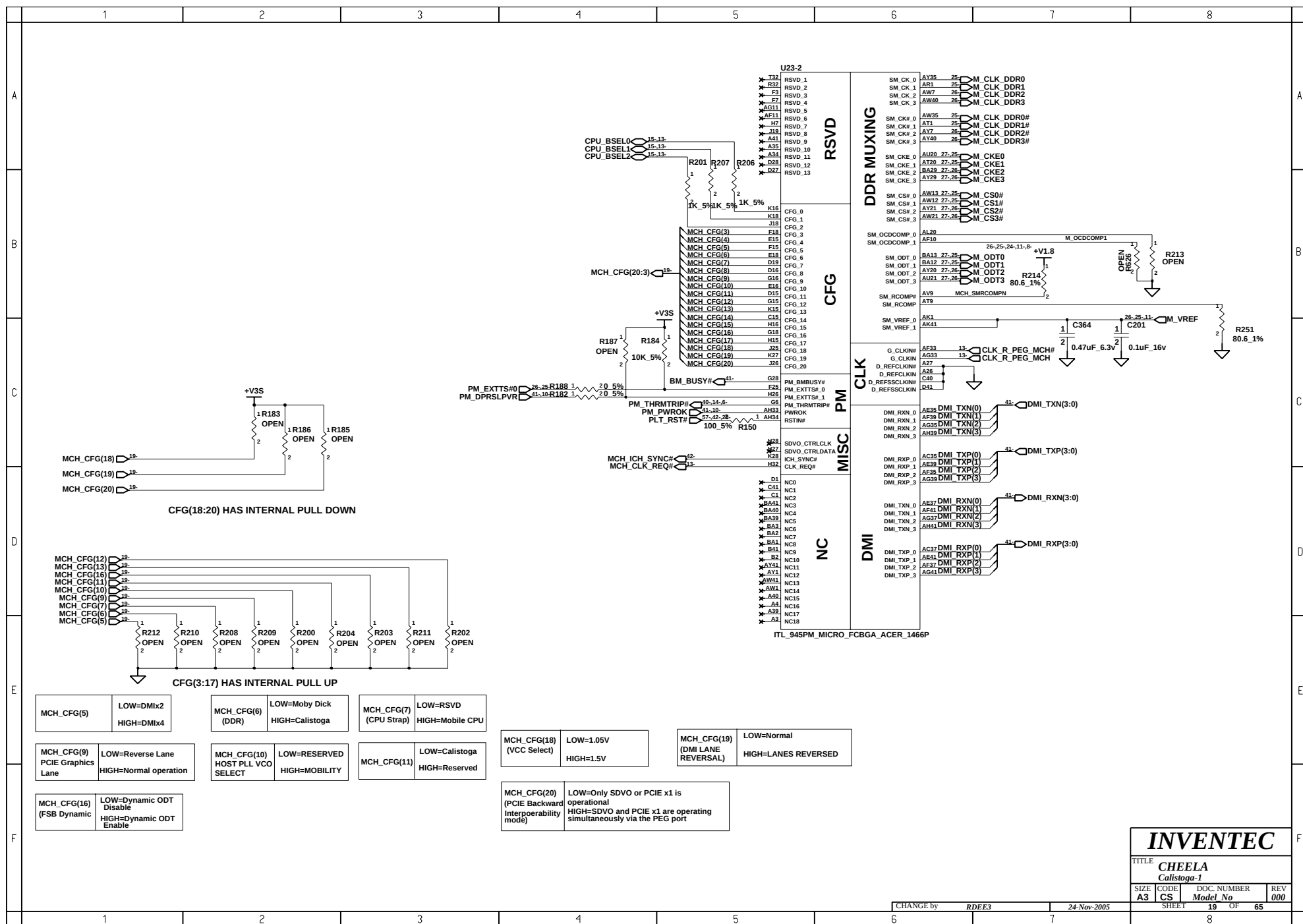
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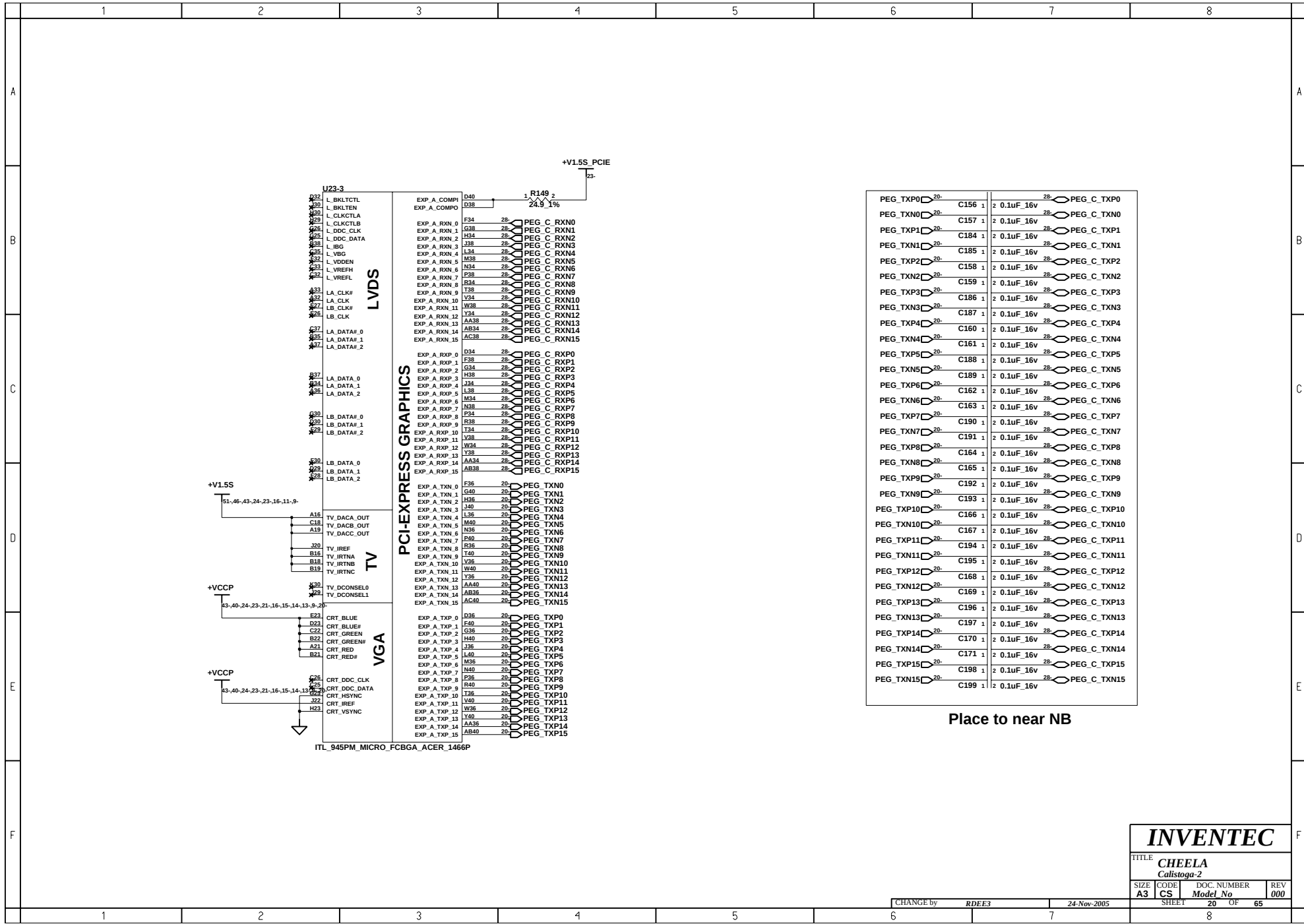
OF

65



INVENTEC			
TITLE CHEELA			
THERMAL&FAN CONTROLLER			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000
CHANGE by RDEE3		24-Nov-2005	
SHEET 18		OF 65	





PEG_TXP0	20-	C156	1	2	0.1uF_16v	28-	PEG_C_TXP0
PEG_TXN0	20-	C157	1	2	0.1uF_16v	28-	PEG_C_TXN0
PEG_TXP1	20-	C184	1	2	0.1uF_16v	28-	PEG_C_TXP1
PEG_TXN1	20-	C185	1	2	0.1uF_16v	28-	PEG_C_TXN1
PEG_TXP2	20-	C158	1	2	0.1uF_16v	28-	PEG_C_TXP2
PEG_TXN2	20-	C159	1	2	0.1uF_16v	28-	PEG_C_TXN2
PEG_TXP3	20-	C186	1	2	0.1uF_16v	28-	PEG_C_TXP3
PEG_TXN3	20-	C187	1	2	0.1uF_16v	28-	PEG_C_TXN3
PEG_TXP4	20-	C160	1	2	0.1uF_16v	28-	PEG_C_TXP4
PEG_TXN4	20-	C161	1	2	0.1uF_16v	28-	PEG_C_TXN4
PEG_TXP5	20-	C188	1	2	0.1uF_16v	28-	PEG_C_TXP5
PEG_TXN5	20-	C189	1	2	0.1uF_16v	28-	PEG_C_TXN5
PEG_TXP6	20-	C162	1	2	0.1uF_16v	28-	PEG_C_TXP6
PEG_TXN6	20-	C163	1	2	0.1uF_16v	28-	PEG_C_TXN6
PEG_TXP7	20-	C190	1	2	0.1uF_16v	28-	PEG_C_TXP7
PEG_TXN7	20-	C191	1	2	0.1uF_16v	28-	PEG_C_TXN7
PEG_TXP8	20-	C164	1	2	0.1uF_16v	28-	PEG_C_TXP8
PEG_TXN8	20-	C165	1	2	0.1uF_16v	28-	PEG_C_TXN8
PEG_TXP9	20-	C192	1	2	0.1uF_16v	28-	PEG_C_TXP9
PEG_TXN9	20-	C193	1	2	0.1uF_16v	28-	PEG_C_TXN9
PEG_TXP10	20-	C166	1	2	0.1uF_16v	28-	PEG_C_TXP10
PEG_TXN10	20-	C167	1	2	0.1uF_16v	28-	PEG_C_TXN10
PEG_TXP11	20-	C194	1	2	0.1uF_16v	28-	PEG_C_TXP11
PEG_TXN11	20-	C195	1	2	0.1uF_16v	28-	PEG_C_TXN11
PEG_TXP12	20-	C168	1	2	0.1uF_16v	28-	PEG_C_TXP12
PEG_TXN12	20-	C169	1	2	0.1uF_16v	28-	PEG_C_TXN12
PEG_TXP13	20-	C196	1	2	0.1uF_16v	28-	PEG_C_TXP13
PEG_TXN13	20-	C197	1	2	0.1uF_16v	28-	PEG_C_TXN13
PEG_TXP14	20-	C170	1	2	0.1uF_16v	28-	PEG_C_TXP14
PEG_TXN14	20-	C171	1	2	0.1uF_16v	28-	PEG_C_TXN14
PEG_TXP15	20-	C198	1	2	0.1uF_16v	28-	PEG_C_TXP15
PEG_TXN15	20-	C199	1	2	0.1uF_16v	28-	PEG_C_TXN15

Place to near NB

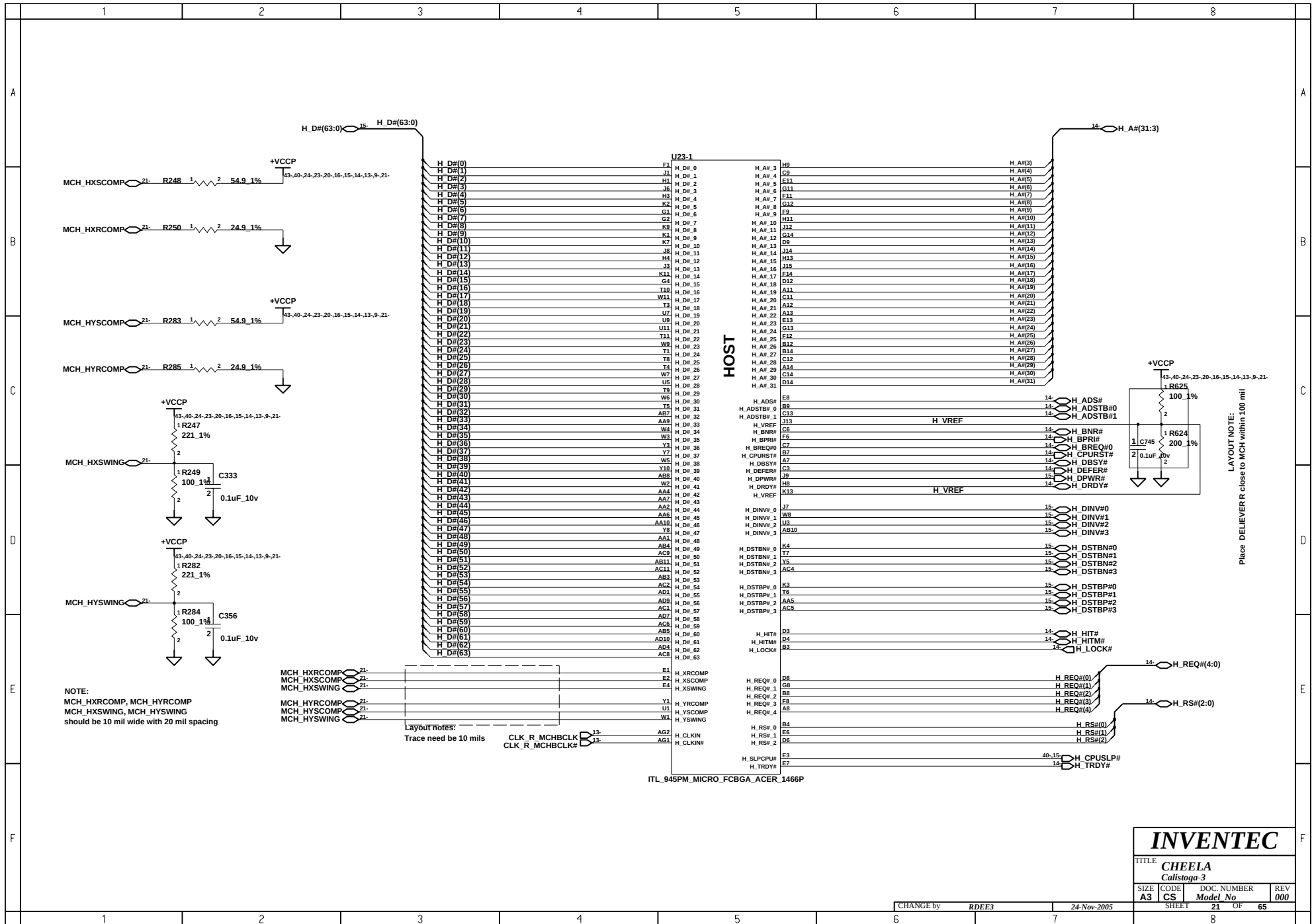
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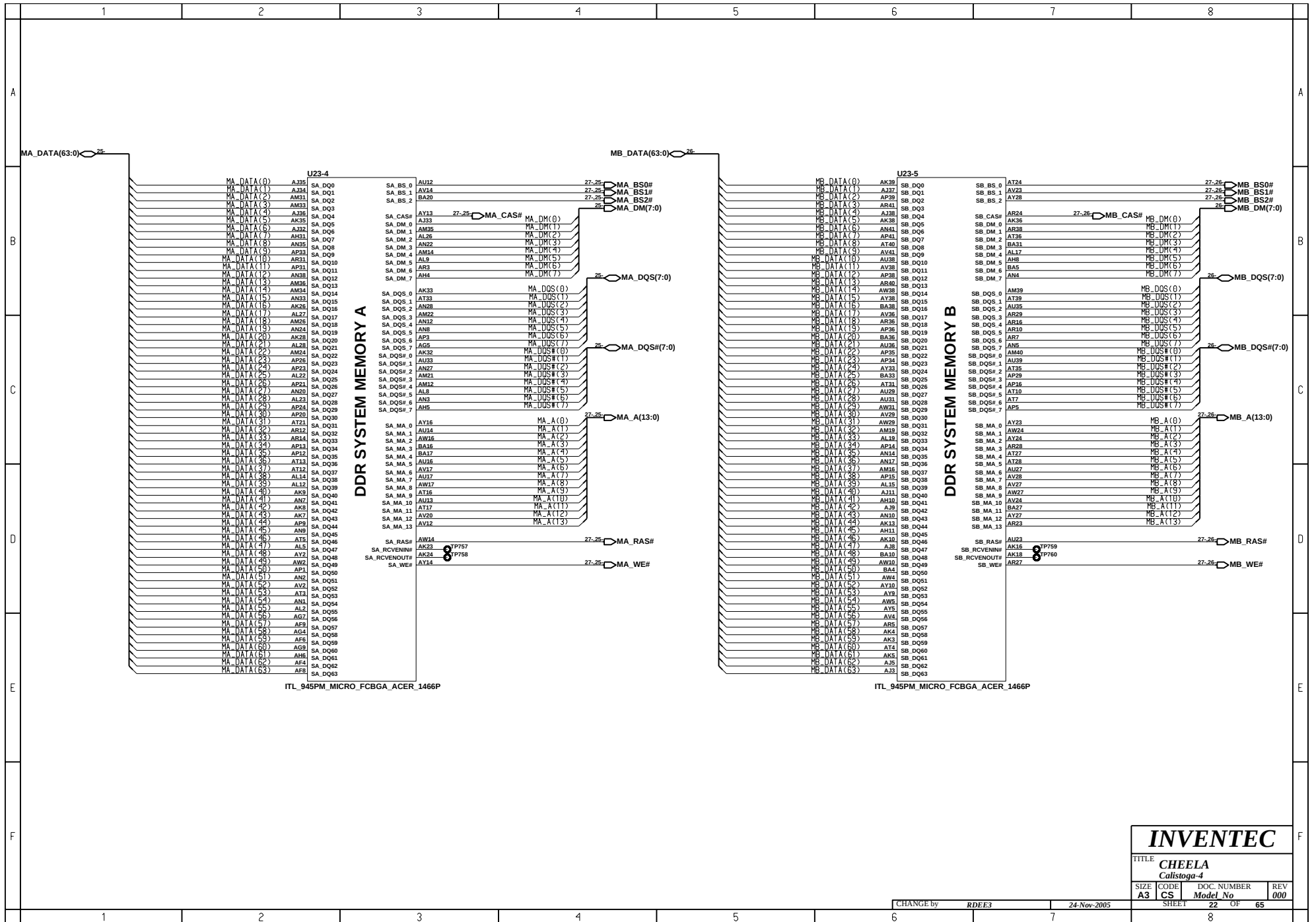
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CHEELA
Calistoga-2

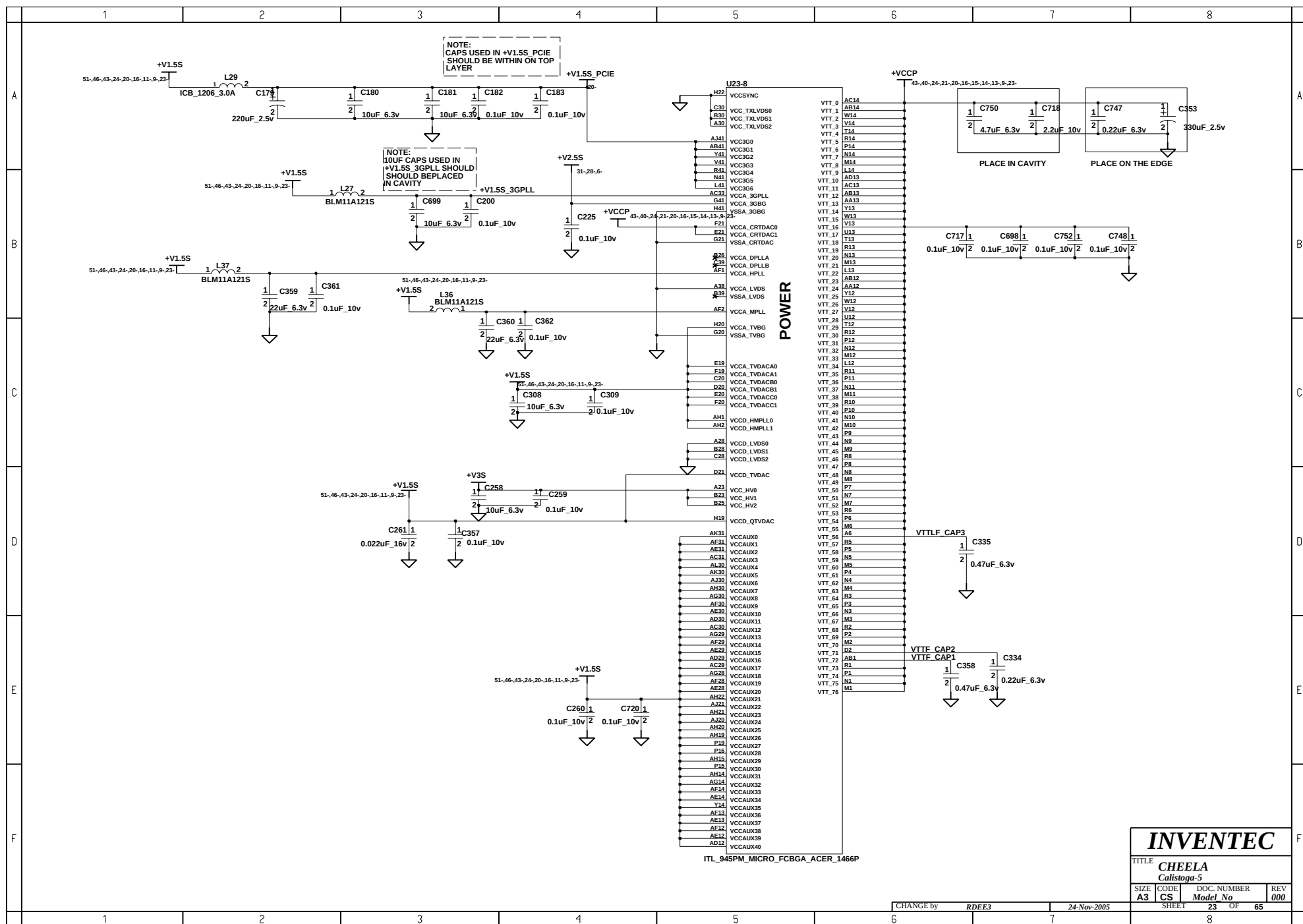
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV 000
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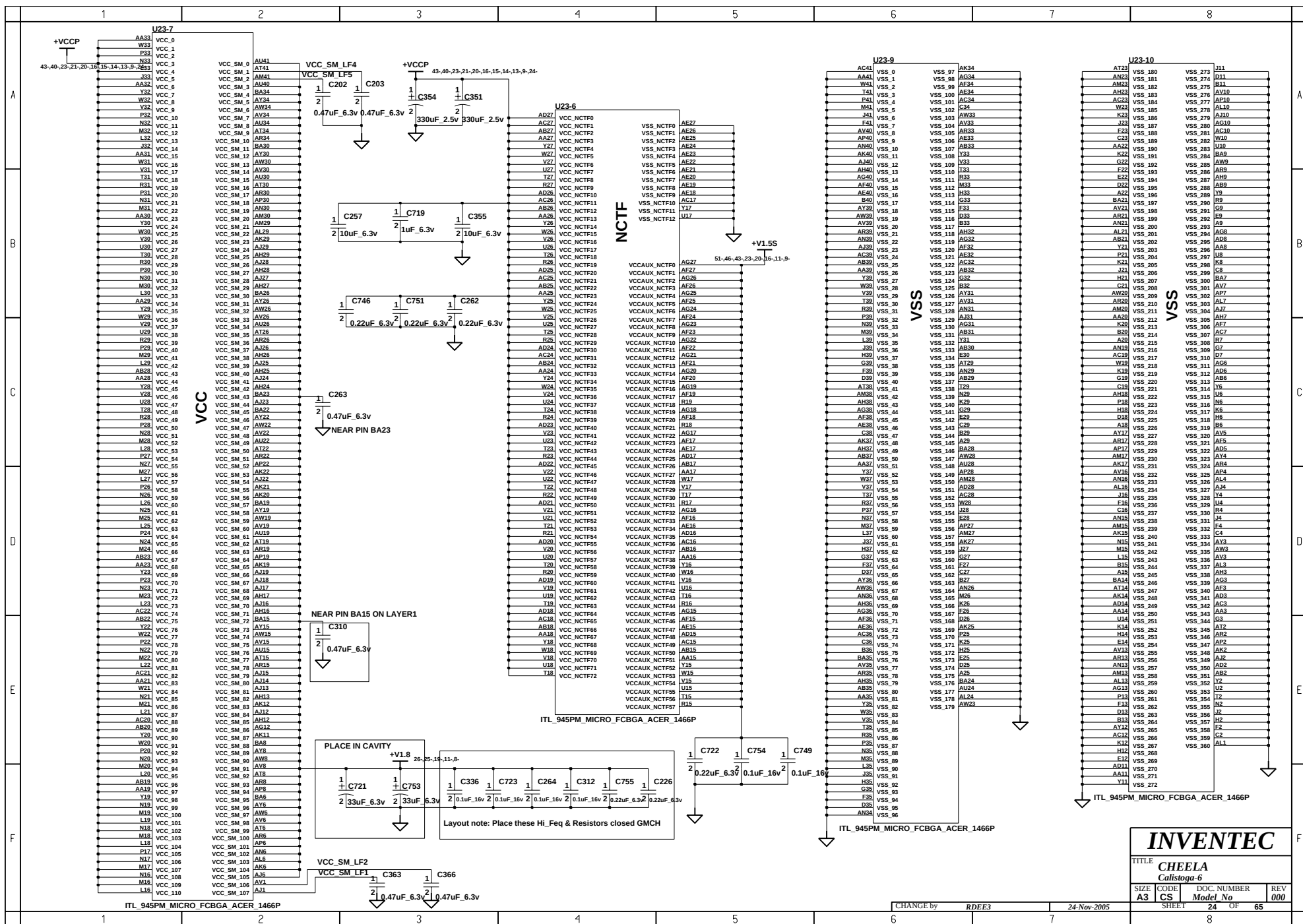
CHANGE by **RDEE3** 24-Nov-2005

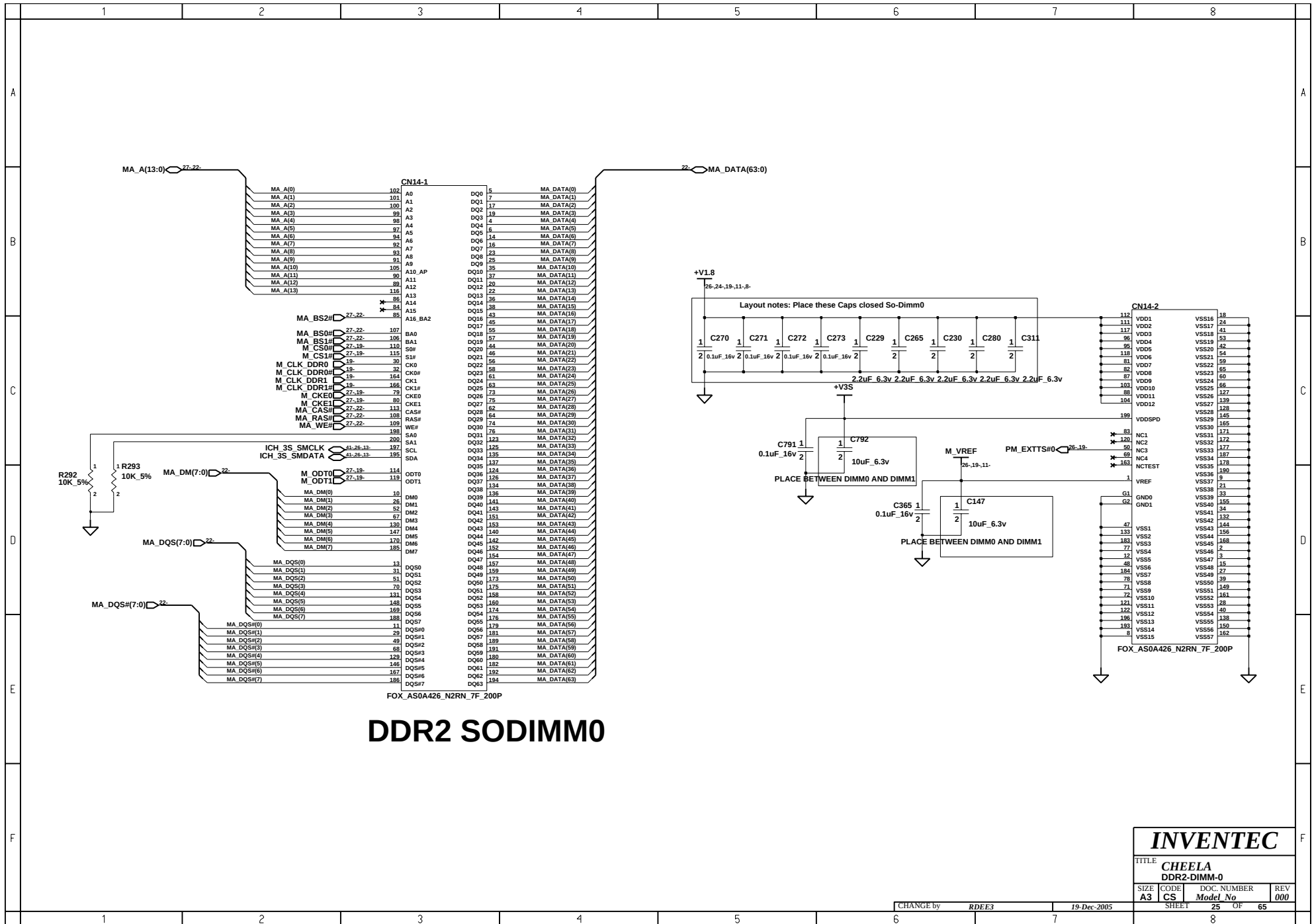
SHEET **20** OF **65**

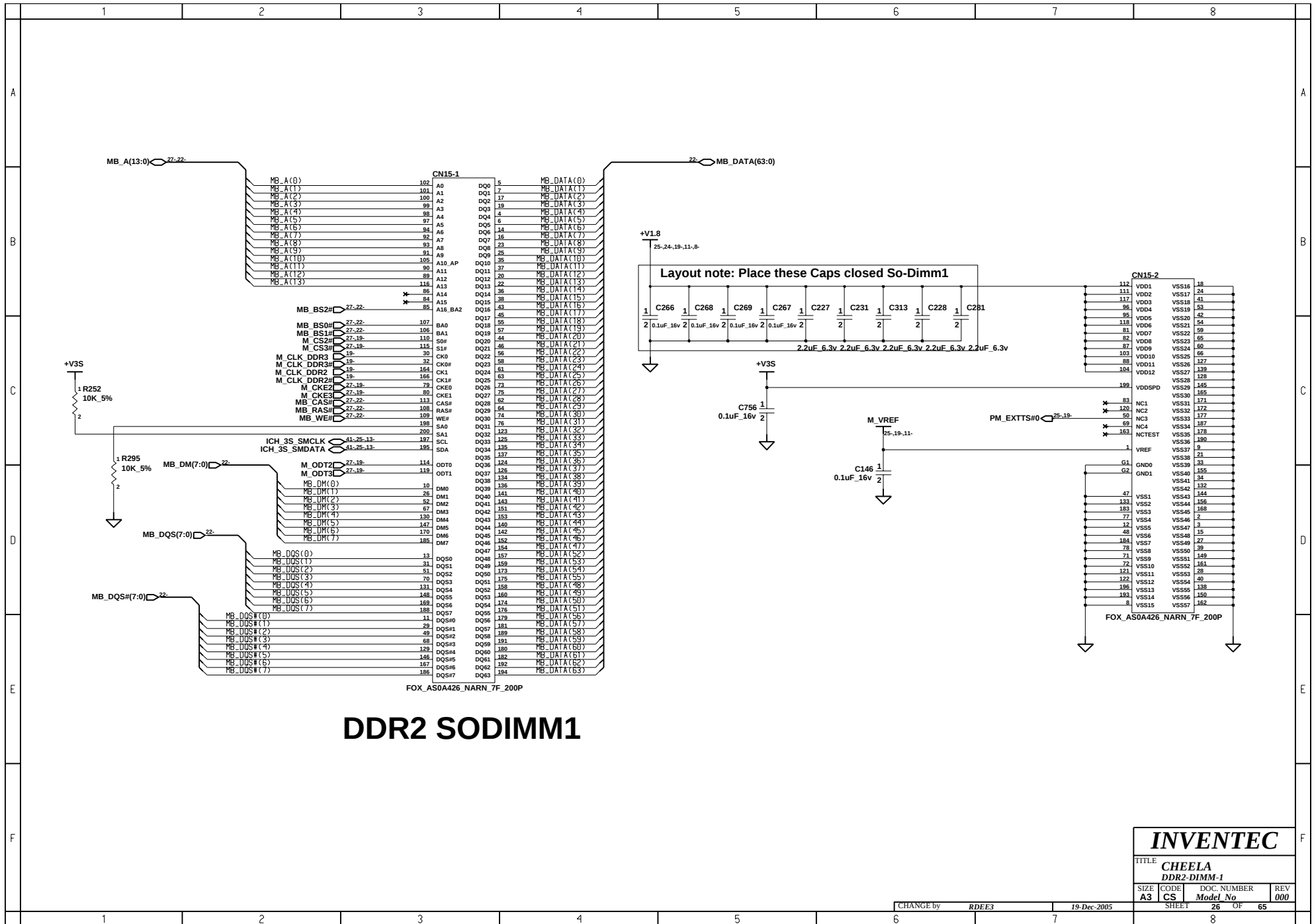


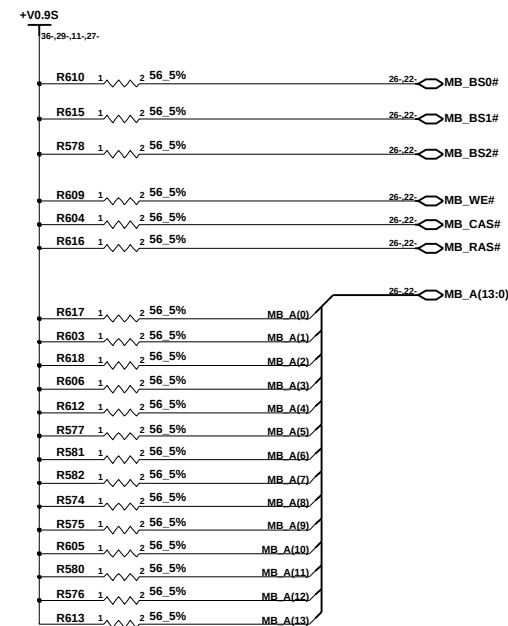




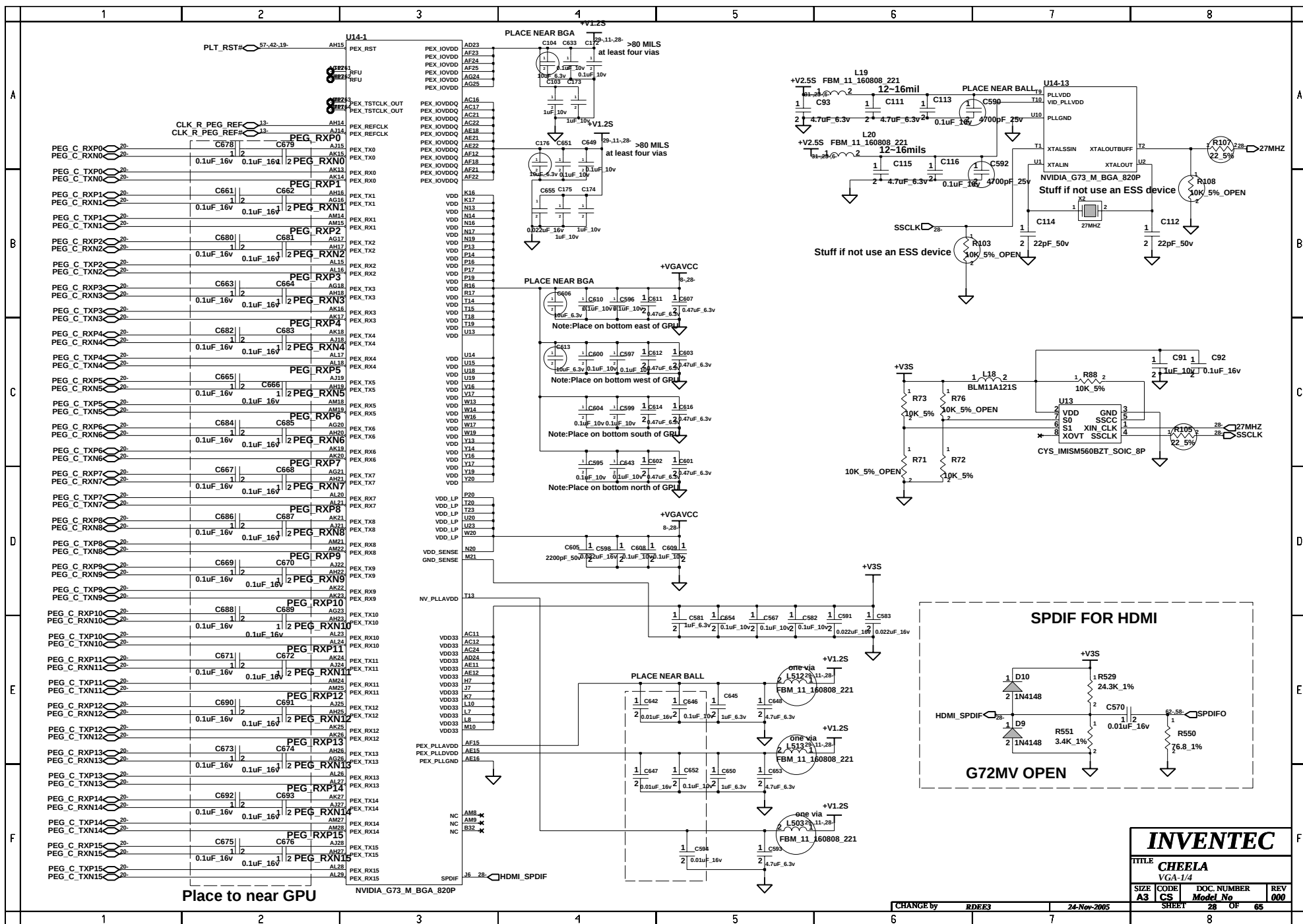


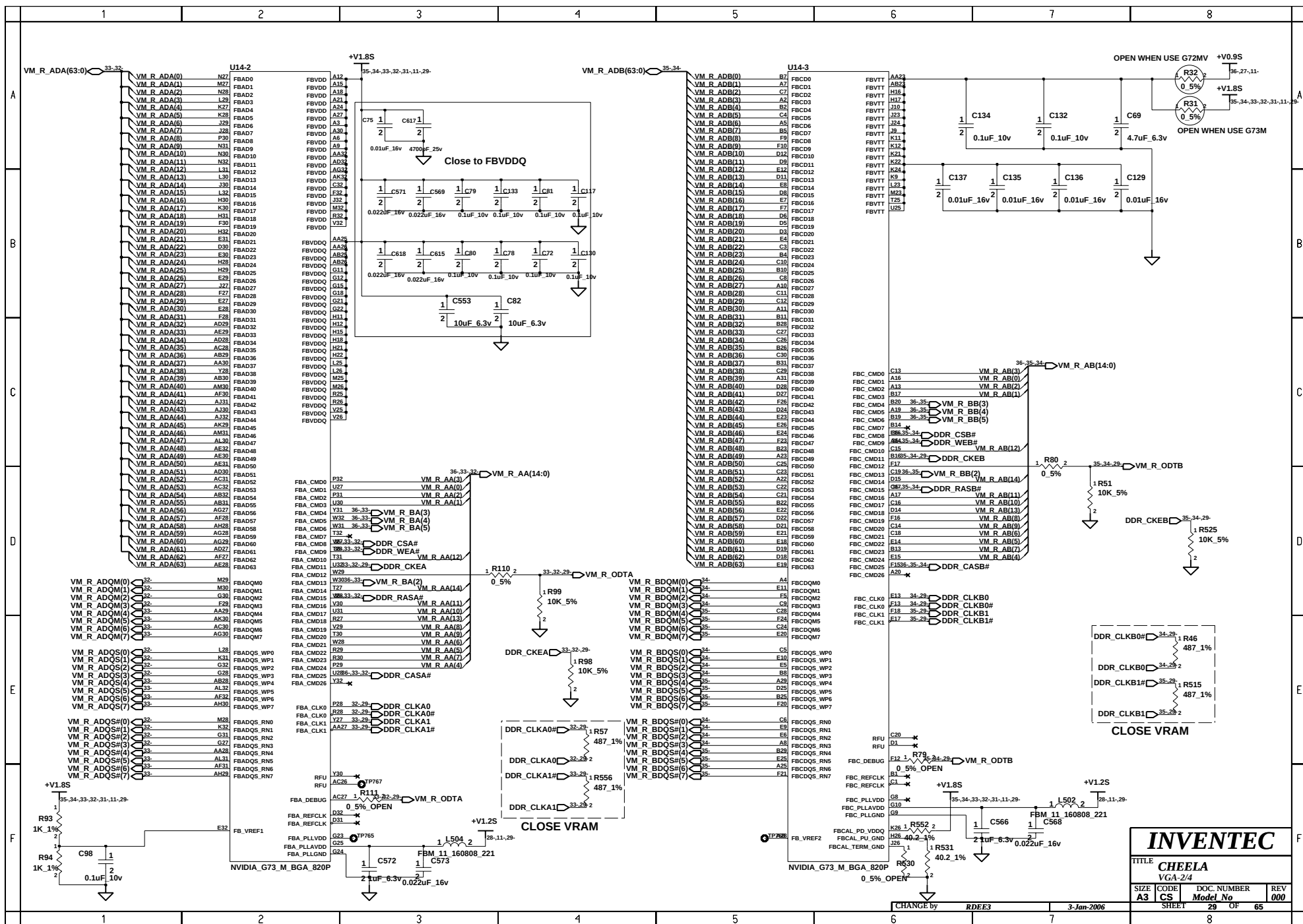


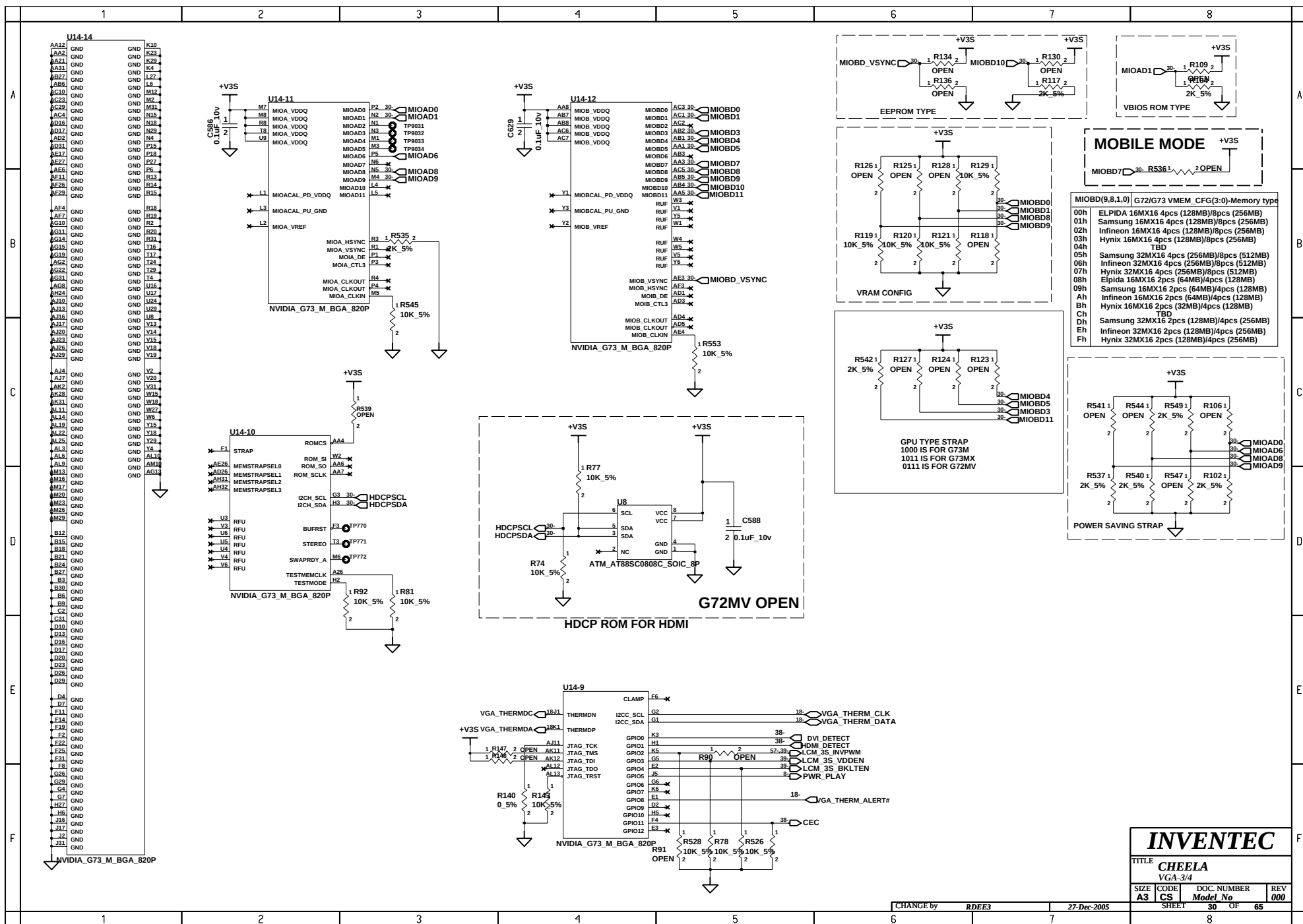


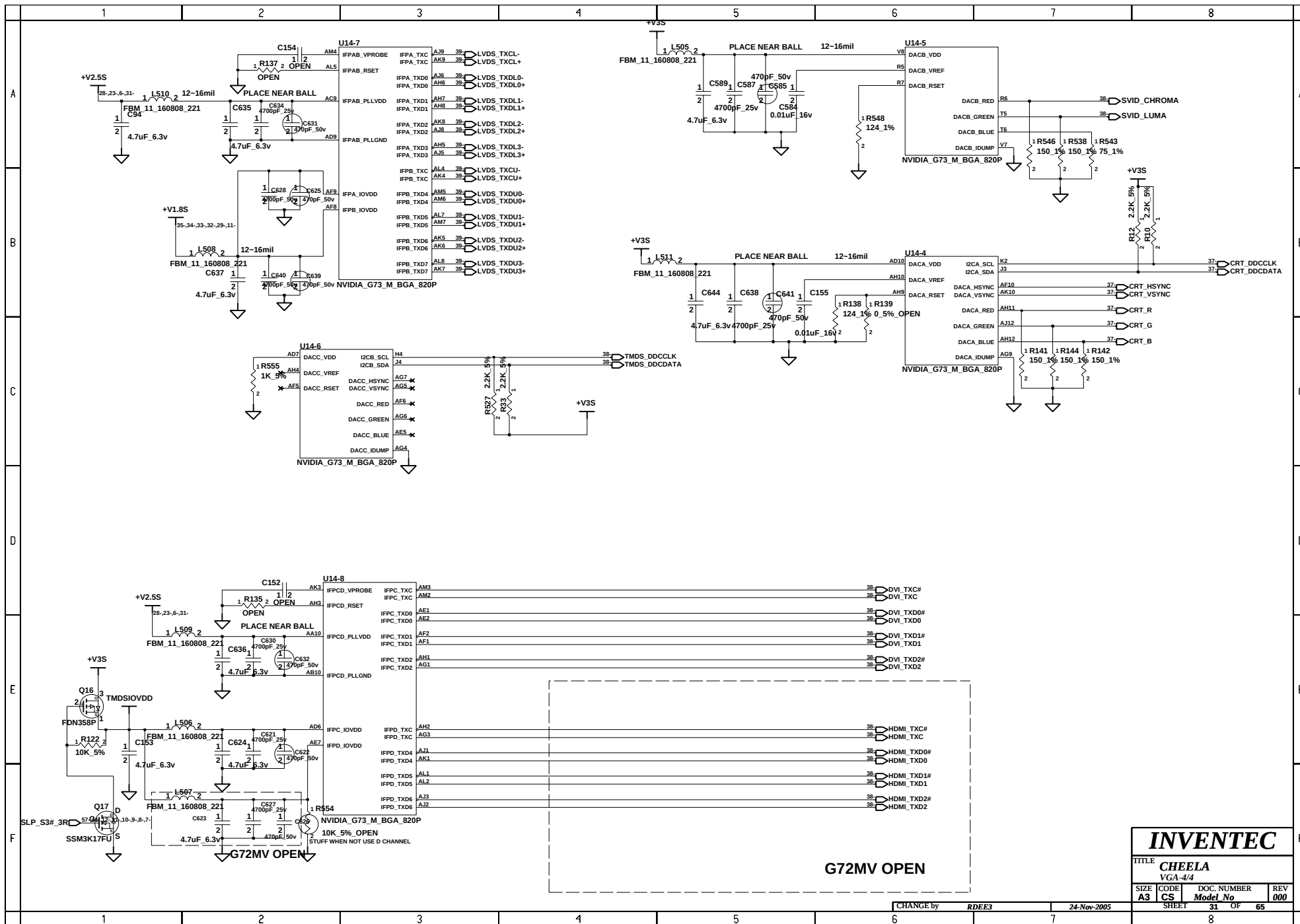


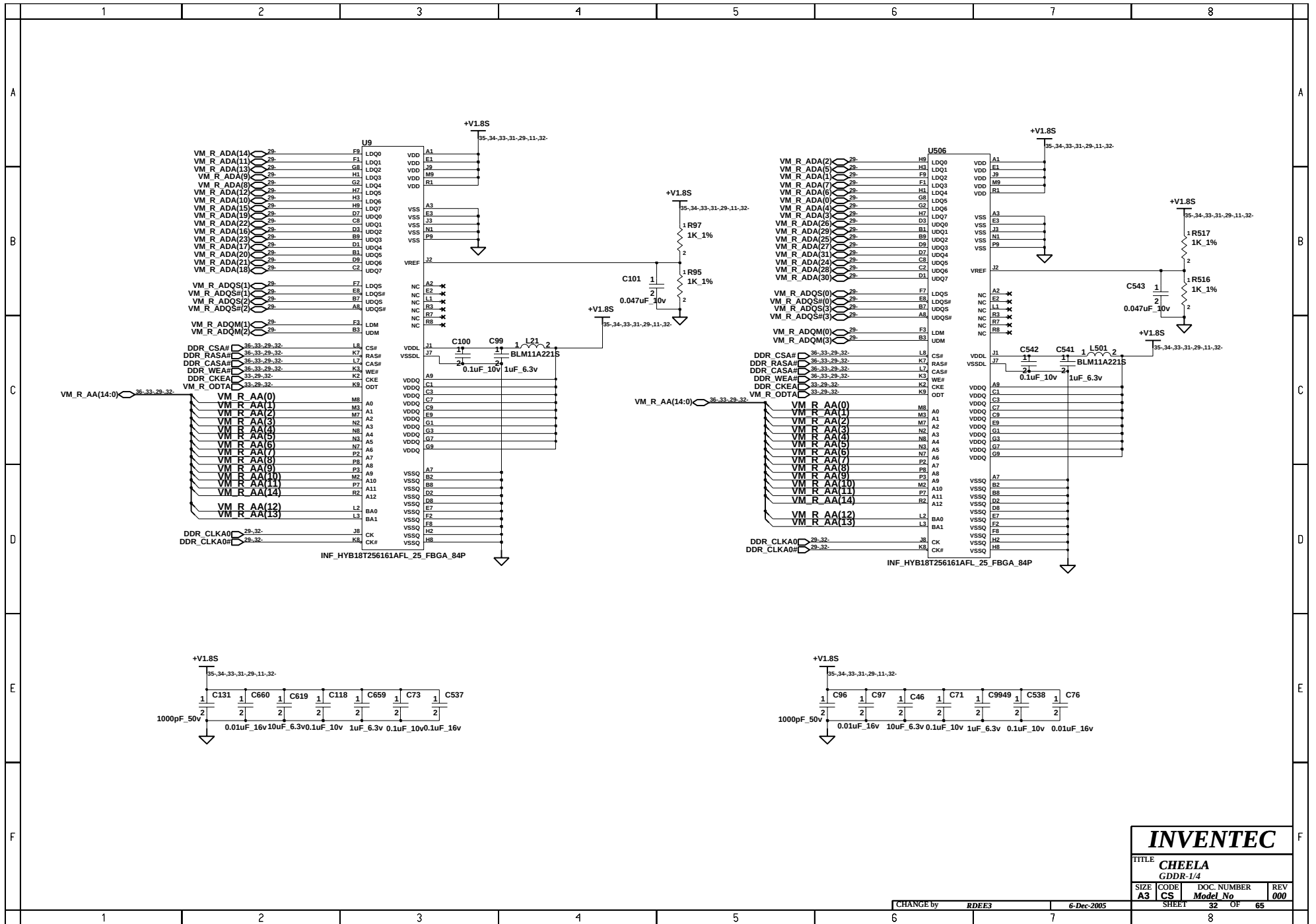
TITLE			
CHEELA DDR2-DAMPING			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	<i>000</i>









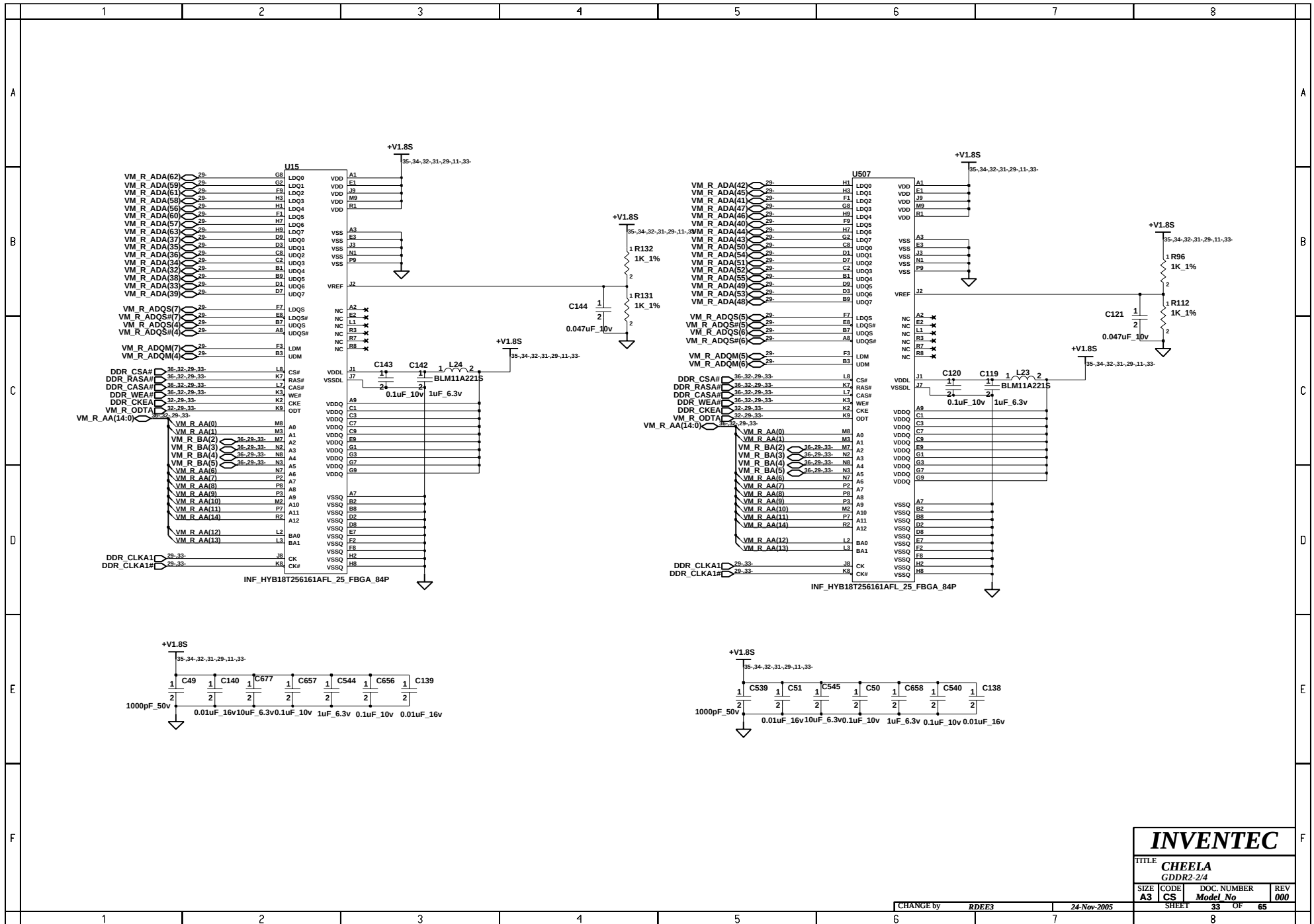


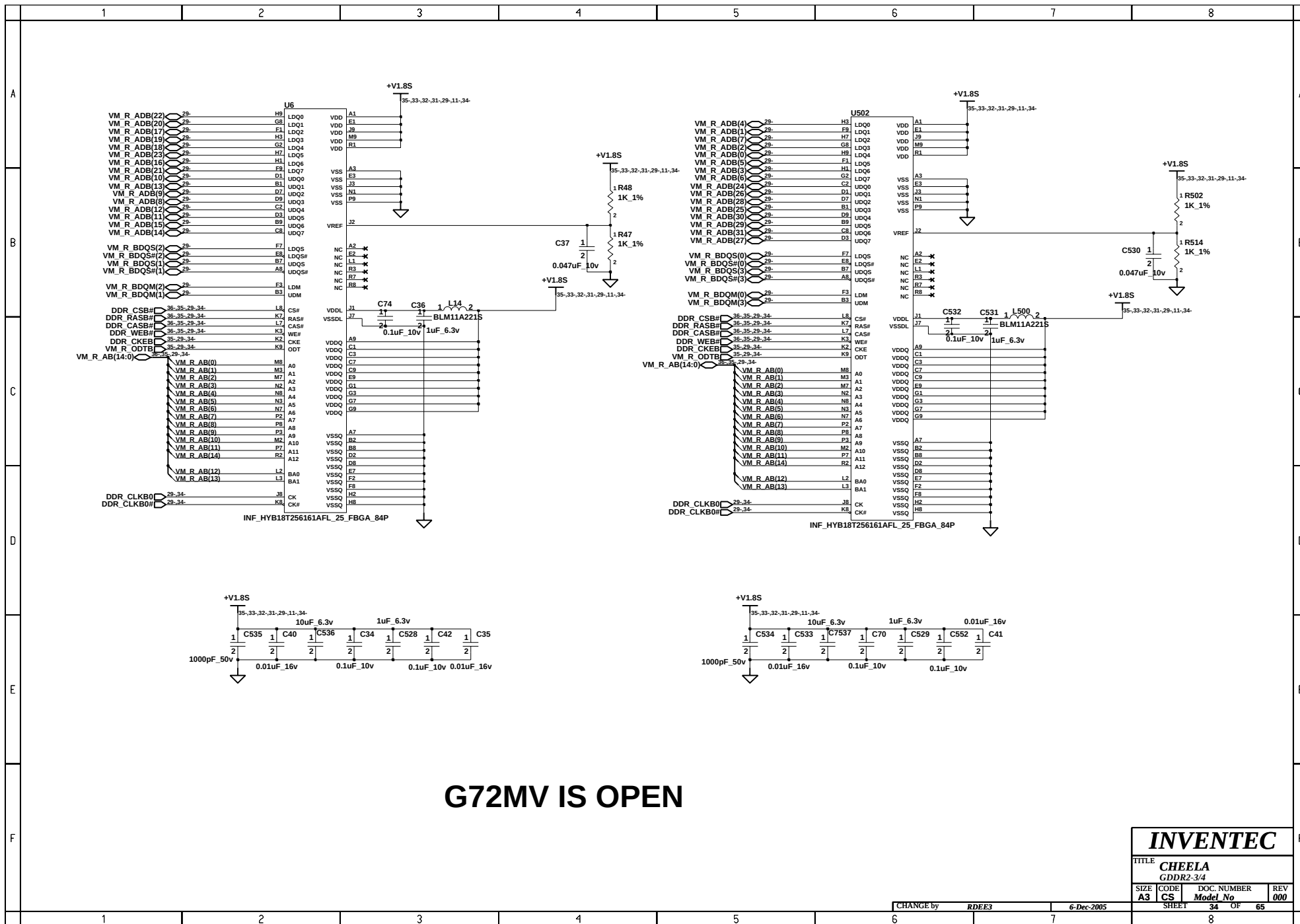
INVENTEC

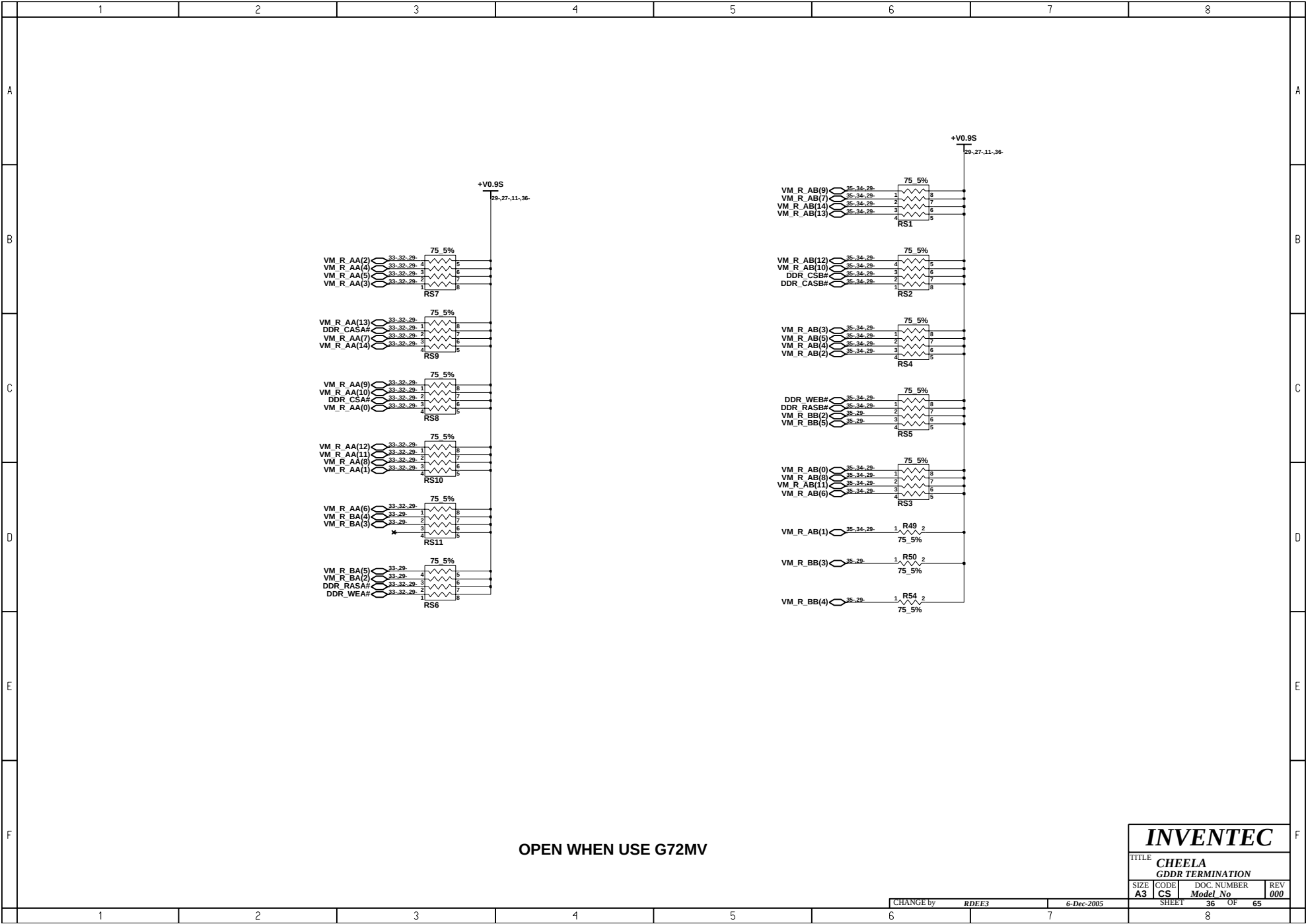
TITLE CHEELA GDDR-1/4			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000

CHANGE by **RDEE3** 6-Dec-2005

SHEET **32** OF **65**





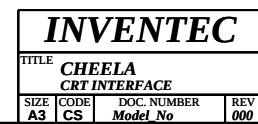


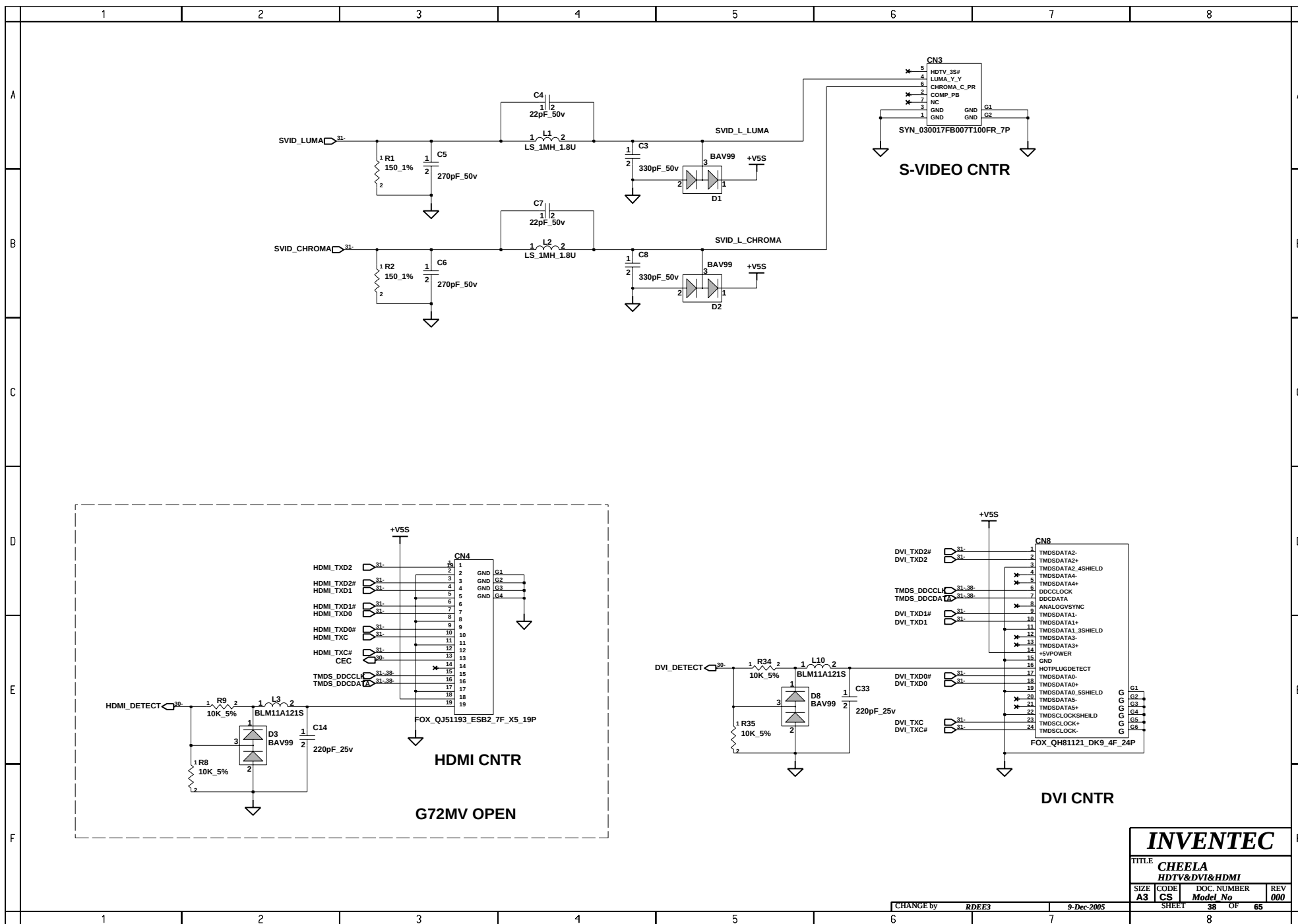
OPEN WHEN USE G72MV

INVENTEC			
TITLE CHEELA GDDR TERMINATION			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000

CHANGE by RDEE3 6-Dec-2005

SHEET 36 OF 65

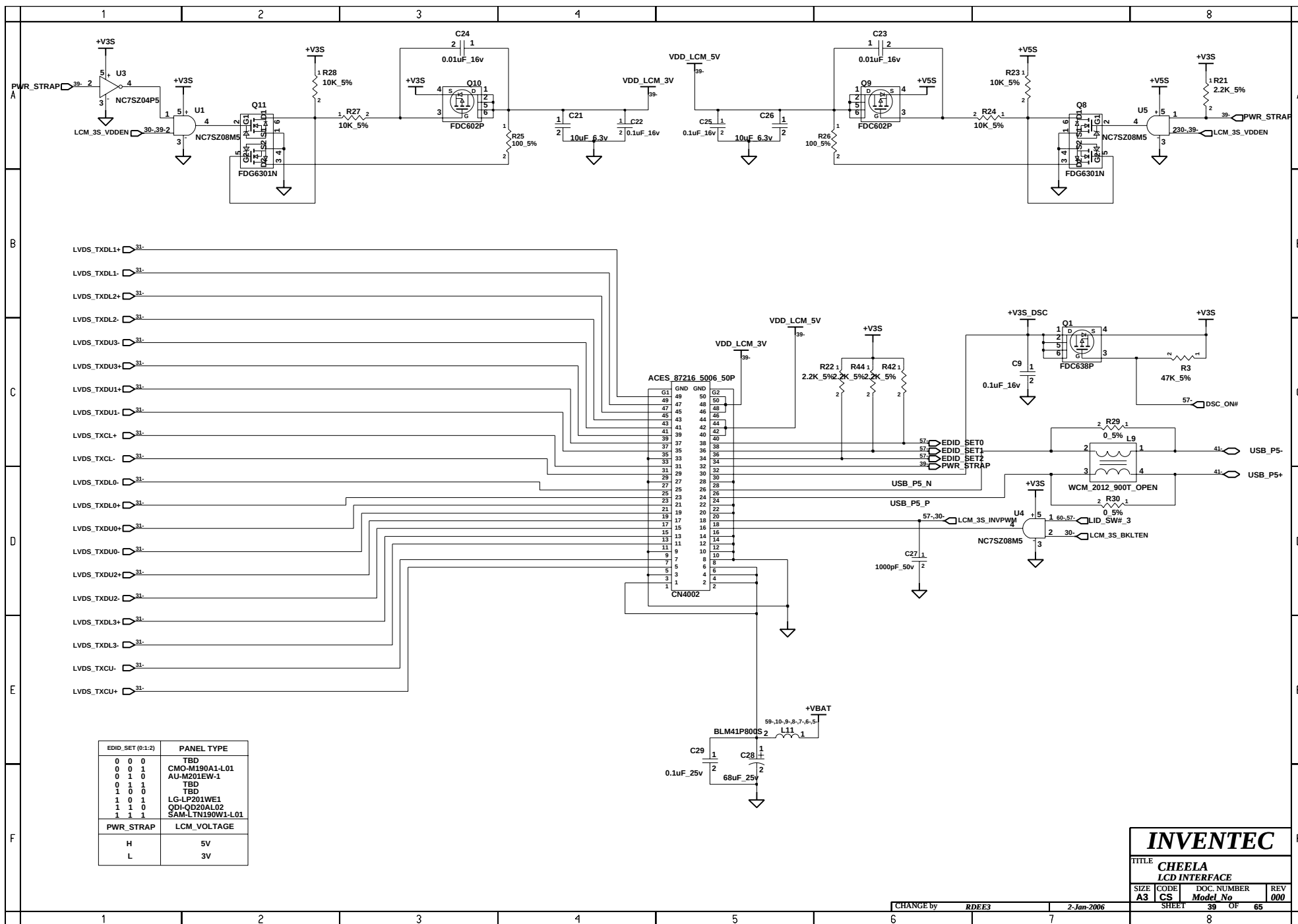


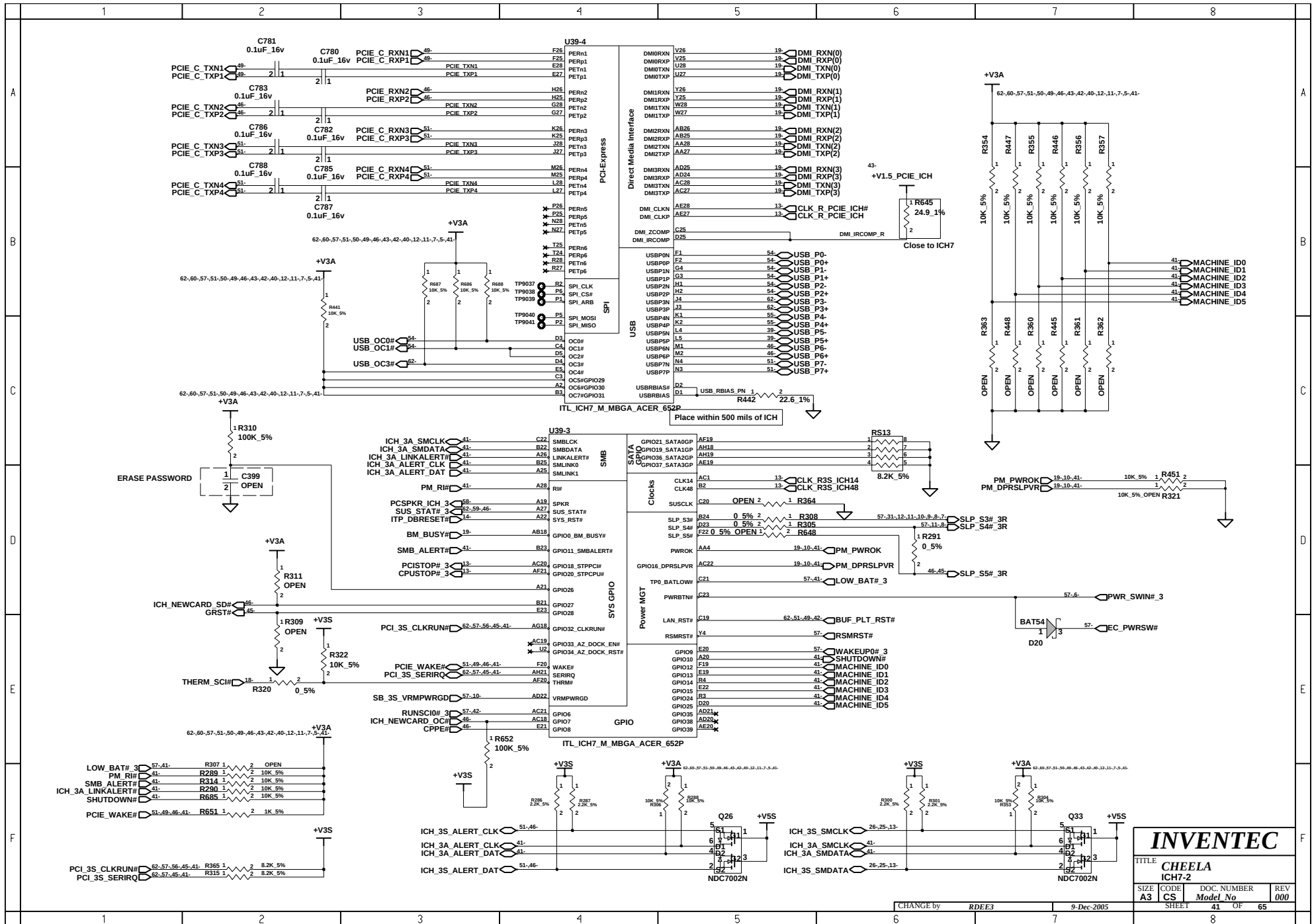


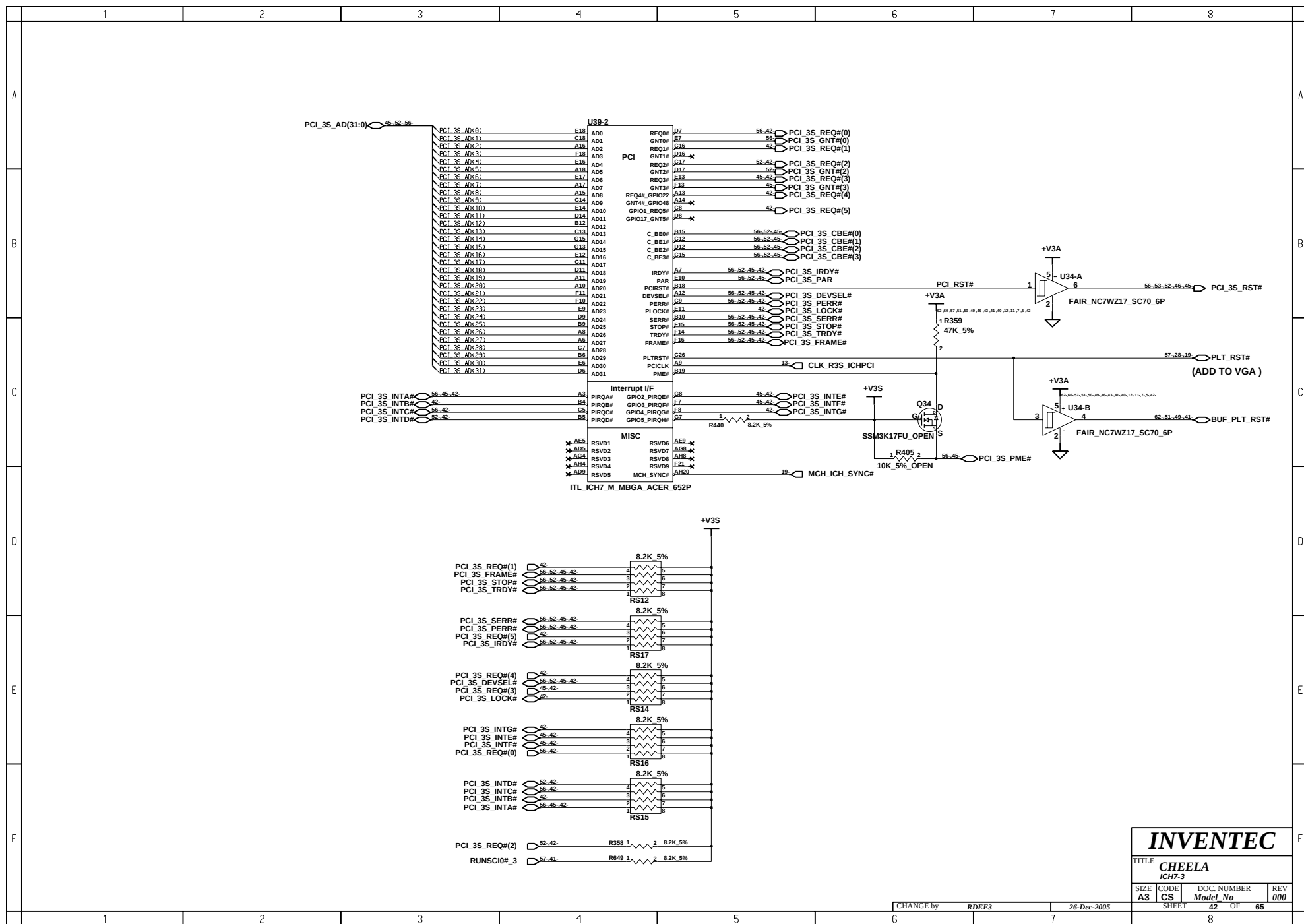
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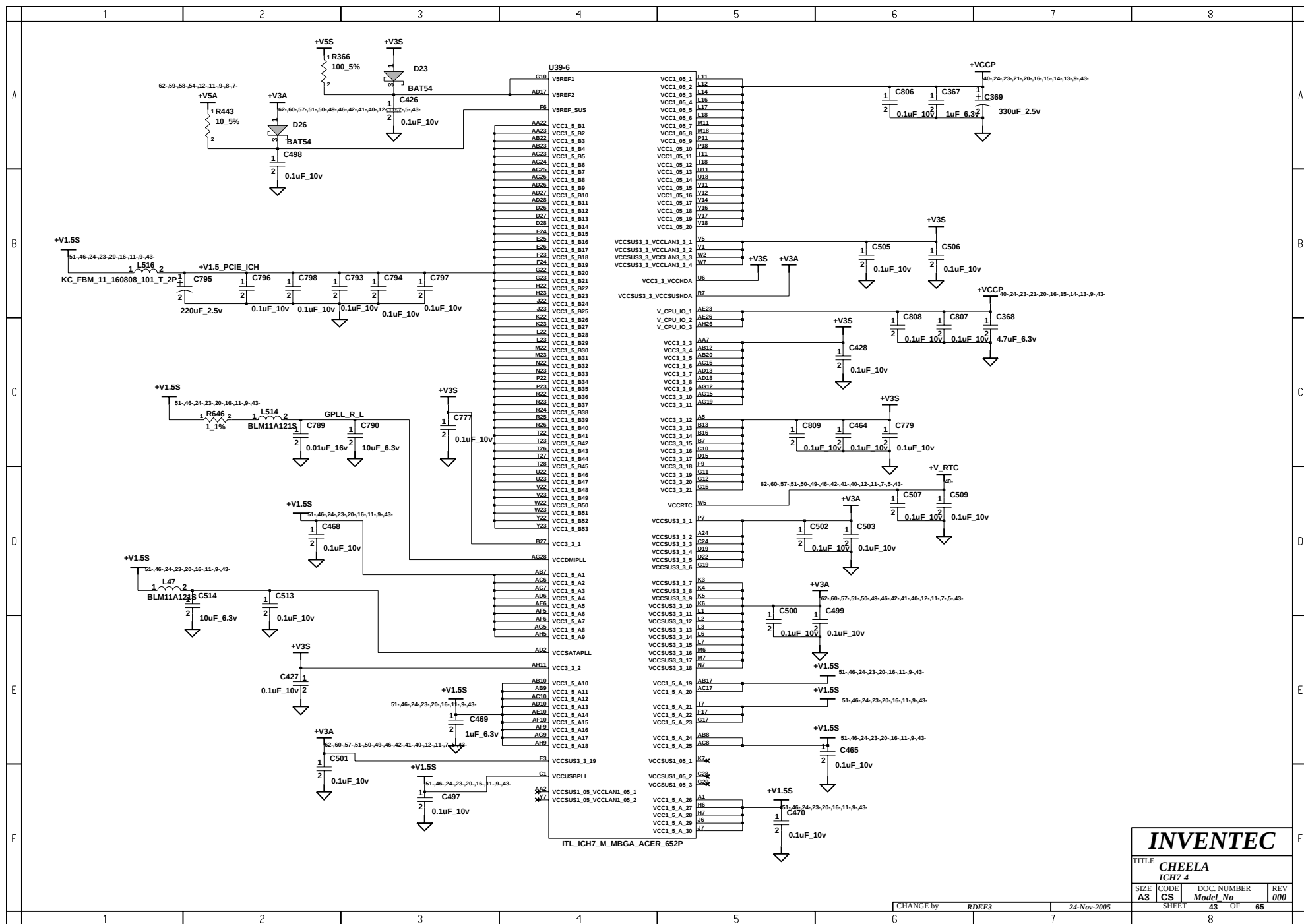
TITLE CHEELA HDTV&DVI&HDMI			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV 000

CHANGE by RDEE3	9-Dec-2005	SHEET 38	OF 65
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	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D
E									E
F									F

U39-5		
A4	VSS1	VSS90
A23	VSS2	VSS99
B1	VSS3	VSS100
B8	VSS4	VSS101
B11	VSS5	VSS102
B14	VSS6	VSS103
B17	VSS7	VSS104
B20	VSS8	VSS105
B26	VSS9	VSS106
B28	VSS10	VSS107
C2	VSS11	VSS108
C5	VSS12	VSS109
C27	VSS13	VSS110
D10	VSS14	VSS111
D13	VSS15	VSS112
D18	VSS16	VSS113
D21	VSS17	VSS114
D24	VSS18	VSS115
E1	VSS19	VSS116
E2	VSS20	VSS117
E4	VSS21	VSS118
E8	VSS22	VSS119
E16	VSS23	VSS120
F3	VSS24	VSS121
F4	VSS25	VSS122
F5	VSS26	VSS123
F12	VSS27	VSS124
F27	VSS28	VSS125
F28	VSS29	VSS126
G1	VSS30	VSS127
G2	VSS31	VSS128
G5	VSS32	VSS129
G6	VSS33	VSS130
G9	VSS34	VSS131
G14	VSS35	VSS132
G18	VSS36	VSS133
G21	VSS37	VSS134
G24	VSS38	VSS135
G25	VSS39	VSS136
G26	VSS40	VSS137
H3	VSS41	VSS138
H4	VSS42	VSS139
H5	VSS43	VSS140
H24	VSS44	VSS141
H27	VSS45	VSS142
H28	VSS46	VSS143
J1	VSS47	VSS144
J2	VSS48	VSS145
J5	VSS49	VSS146
J24	VSS50	VSS147
J25	VSS51	VSS148
J26	VSS52	VSS149
K24	VSS53	VSS150
K27	VSS54	VSS151
K28	VSS55	VSS152
L13	VSS56	VSS153
L15	VSS57	VSS154
L24	VSS58	VSS155
L25	VSS59	VSS156
L26	VSS60	VSS157
M1	VSS61	VSS158
M4	VSS62	VSS159
M5	VSS63	VSS160
M12	VSS64	VSS161
M13	VSS65	VSS162
M14	VSS66	VSS163
M15	VSS67	VSS164
M16	VSS68	VSS165
M17	VSS69	VSS166
M24	VSS70	VSS167
M27	VSS71	VSS168
M28	VSS72	VSS169
N1	VSS73	VSS170
N2	VSS74	VSS171
N5	VSS75	VSS172
N6	VSS76	VSS173
N11	VSS77	VSS174
N12	VSS78	VSS175
N13	VSS79	VSS176
N14	VSS80	VSS177
N15	VSS81	VSS178
N16	VSS82	VSS179
N17	VSS83	VSS180
N18	VSS84	VSS181
N24	VSS85	VSS182
N25	VSS86	VSS183
N26	VSS87	VSS184
P3	VSS88	VSS185
P4	VSS89	VSS186
P12	VSS90	VSS187
P13	VSS91	VSS188
P14	VSS92	VSS189
P15	VSS93	VSS190
P16	VSS94	VSS191
P17	VSS95	VSS192
P24	VSS96	VSS193
P27	VSS97	VSS194

ITL_ICH7_M_MBGA_ACER_652P

INVENTEC

TITLE
CHEELA
ICH7-5

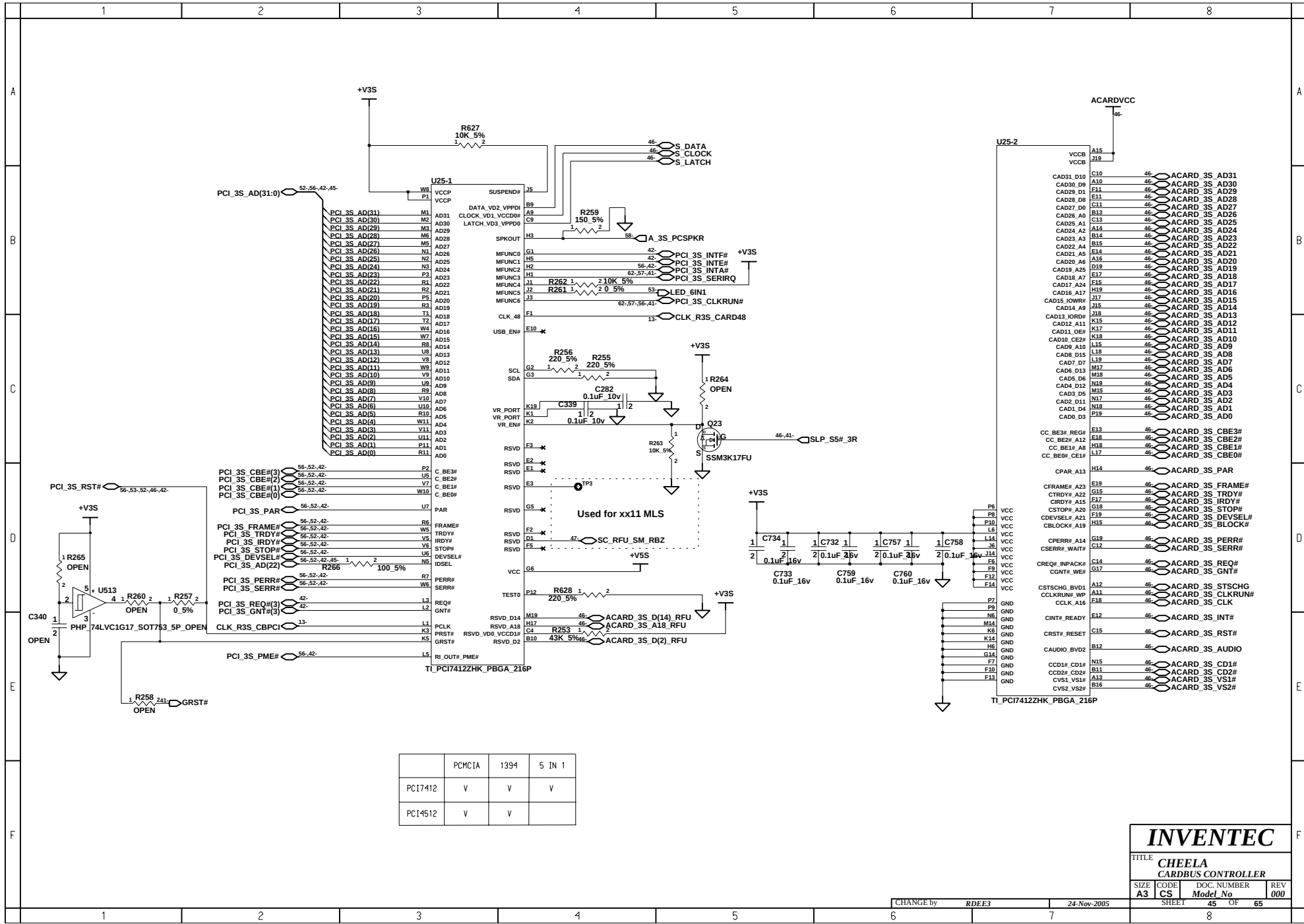
SIZE
A3

CODE
CS

DOC. NUMBER
Model No

REV
000

SHEET 44 OF 65

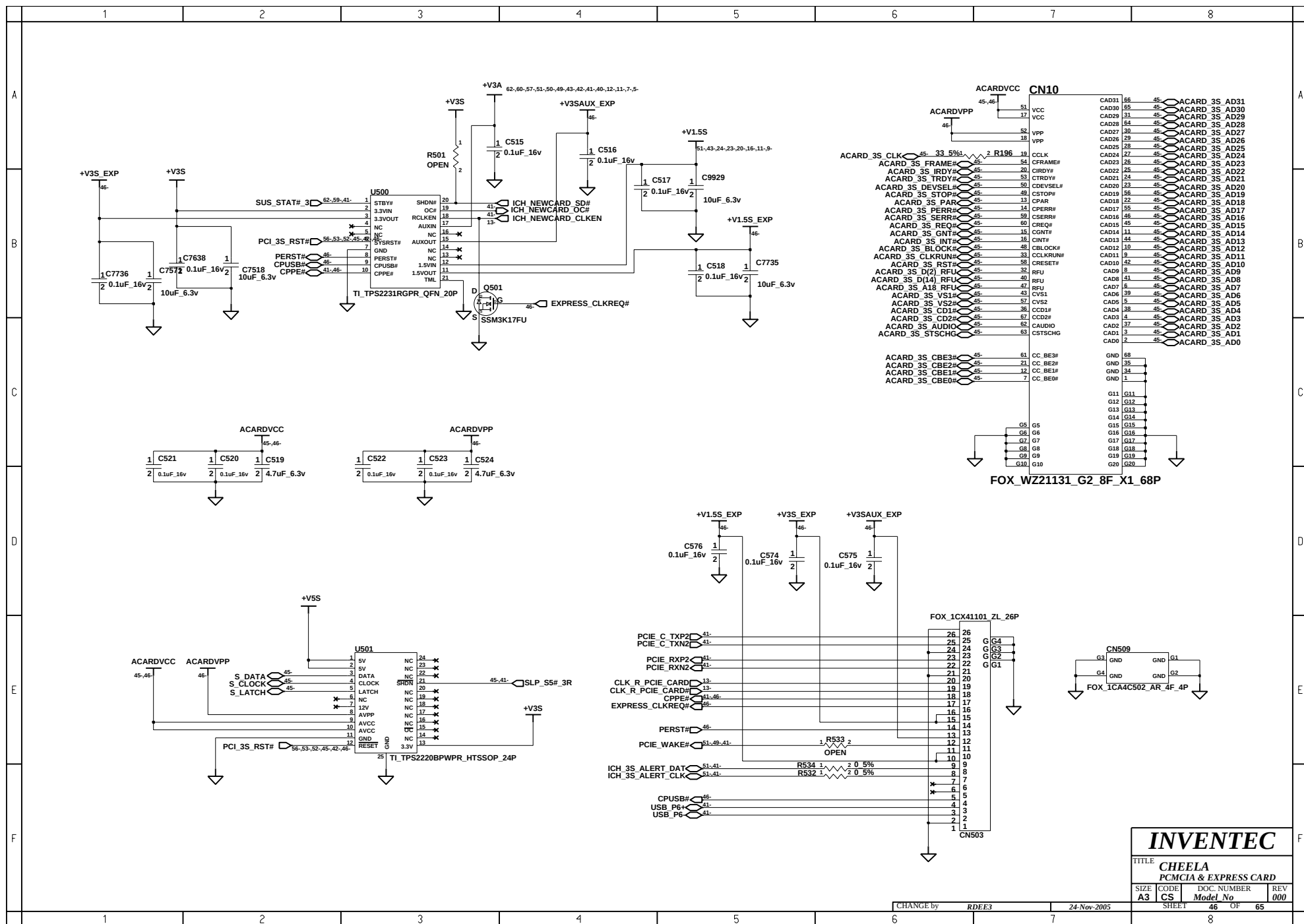


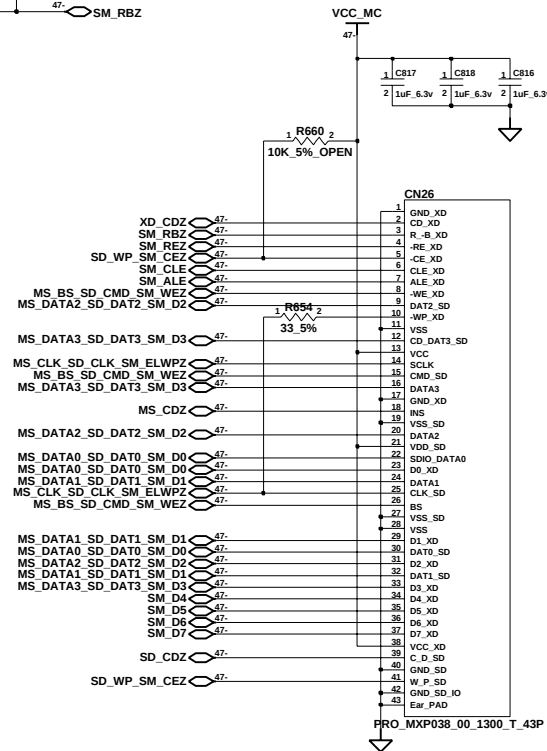
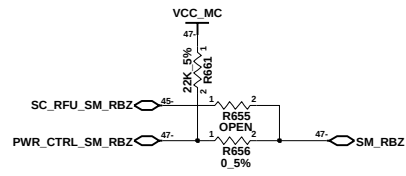
INVENTEC

TITLE
CHEELA
CARDBUS CONTROLLER

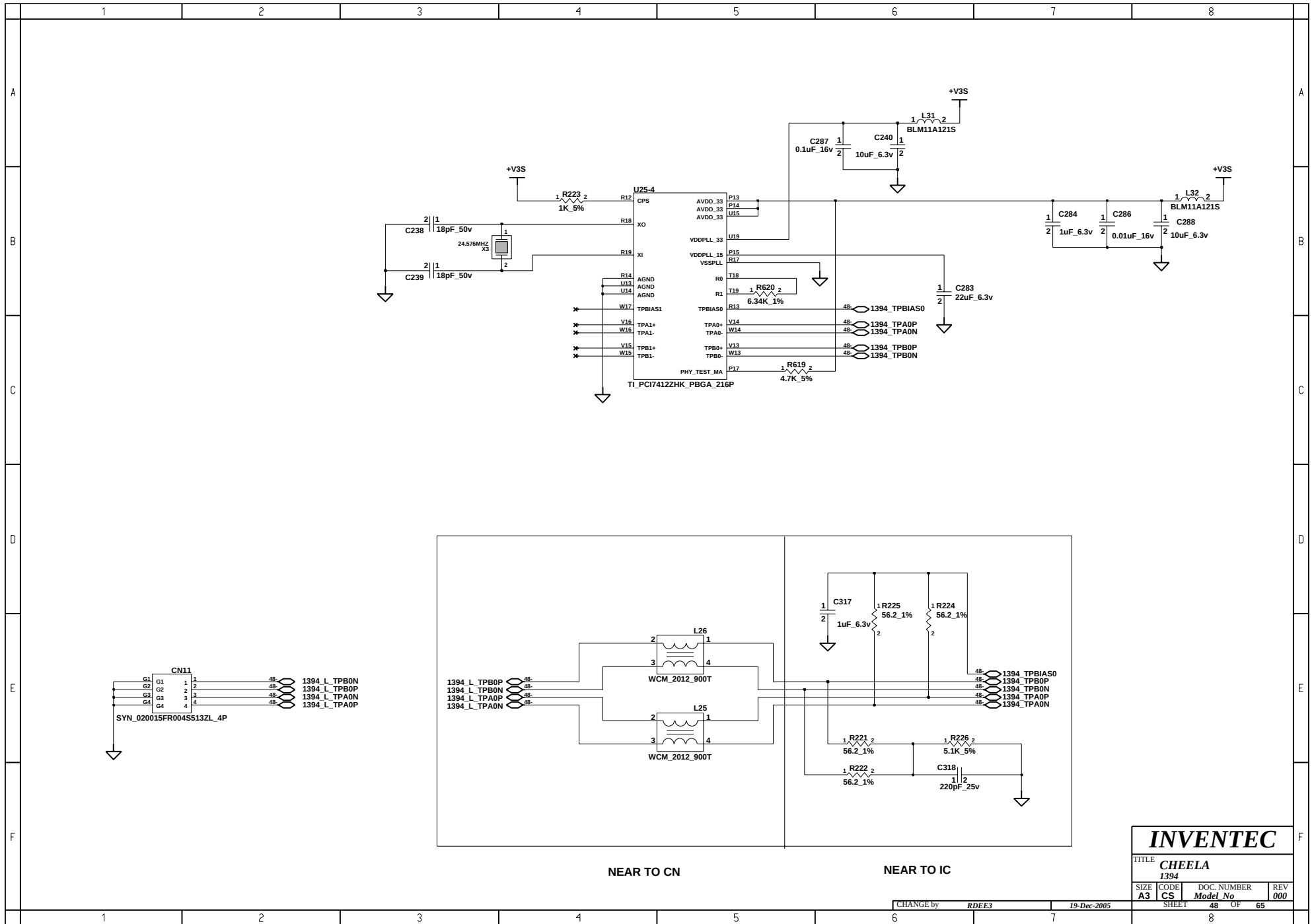
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

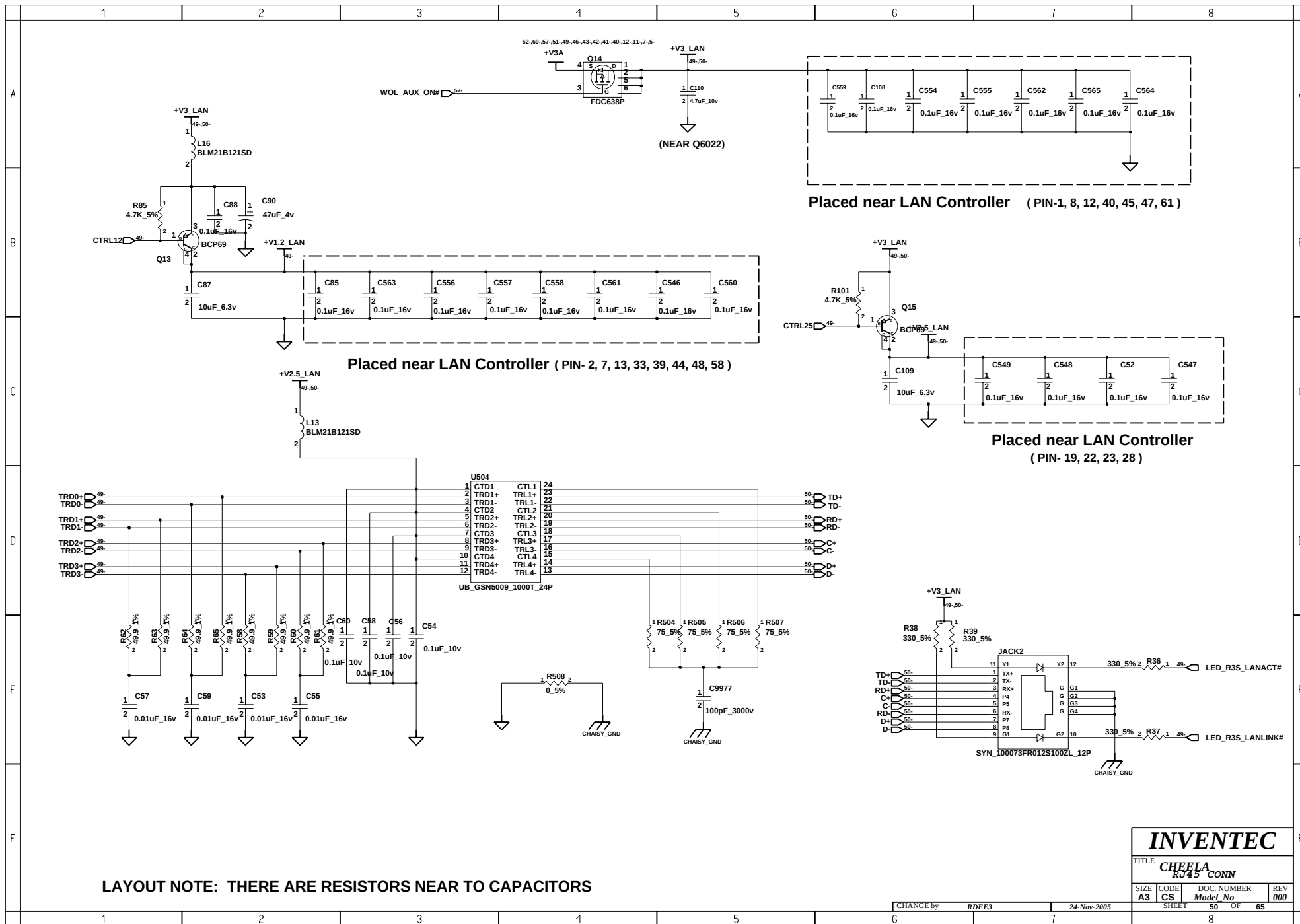
CHANGE by	RDE3	24-Nov-2005
SHEET		45 OF 65

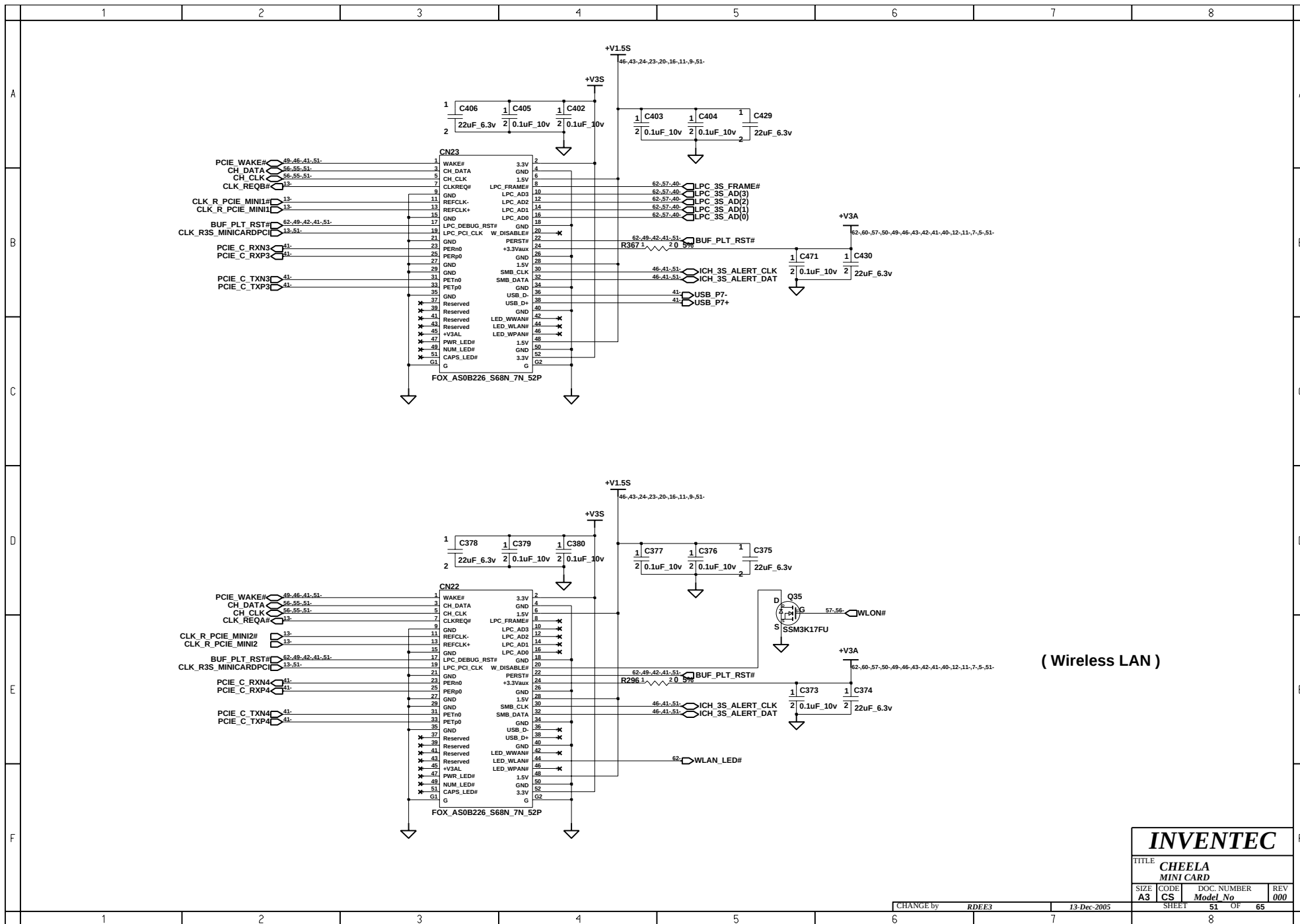




CHANGE by	RDEE3	24-Nov-2005
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(Wireless LAN)

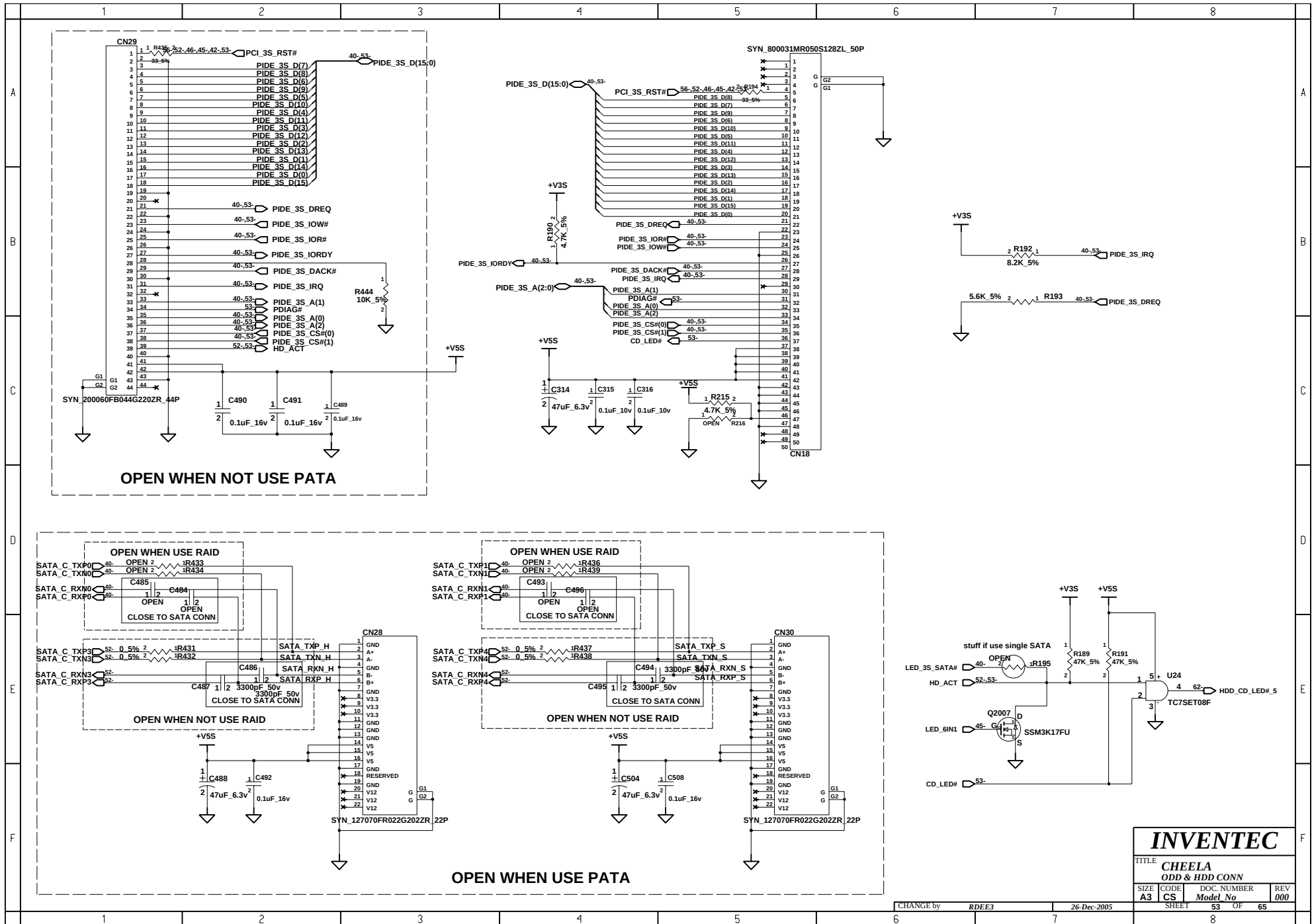
INVENTEC

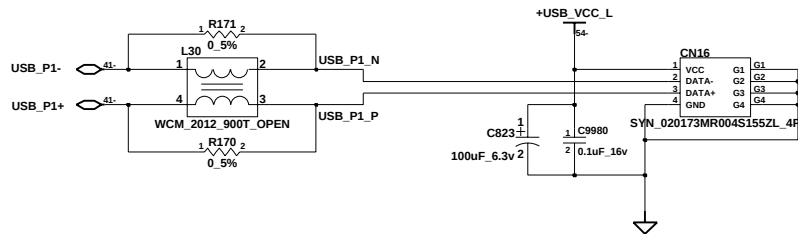
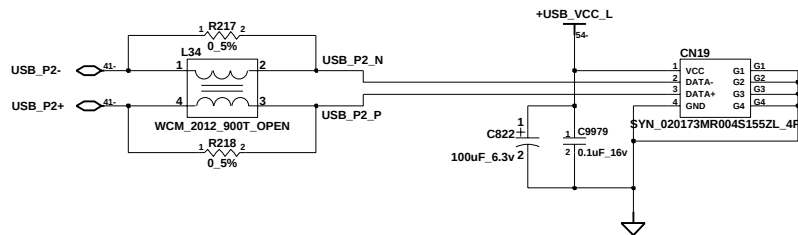
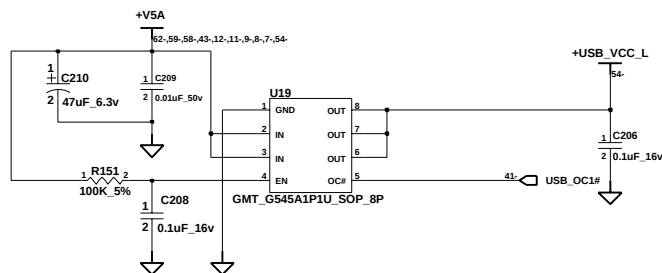
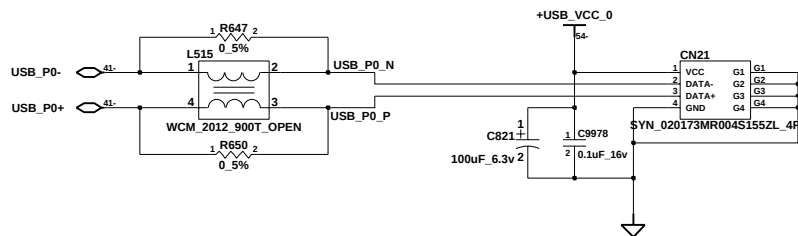
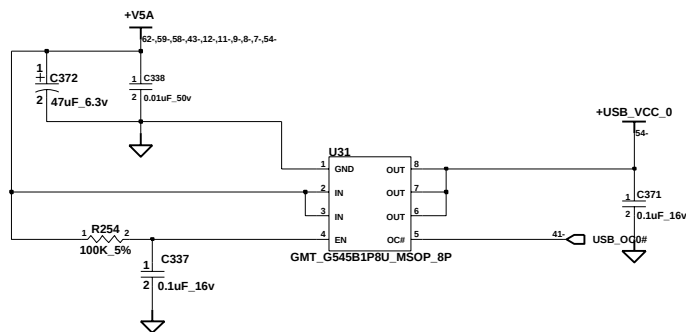
TITLE
**CHEELA
MINI CARD**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

CHANGE by **RDEE3** 13-Dec-2005

SHEET **51** OF **65**





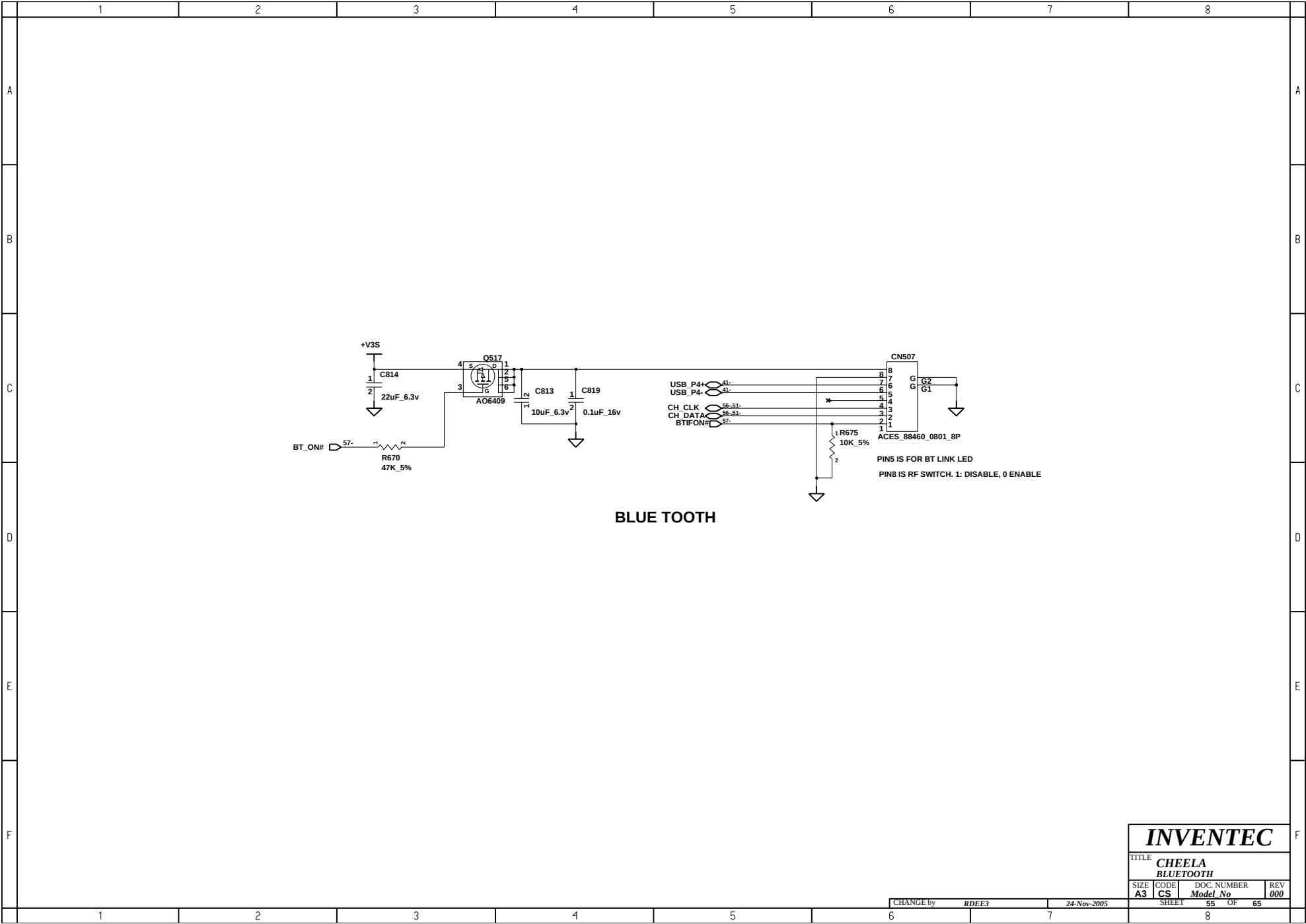
INVENTEC

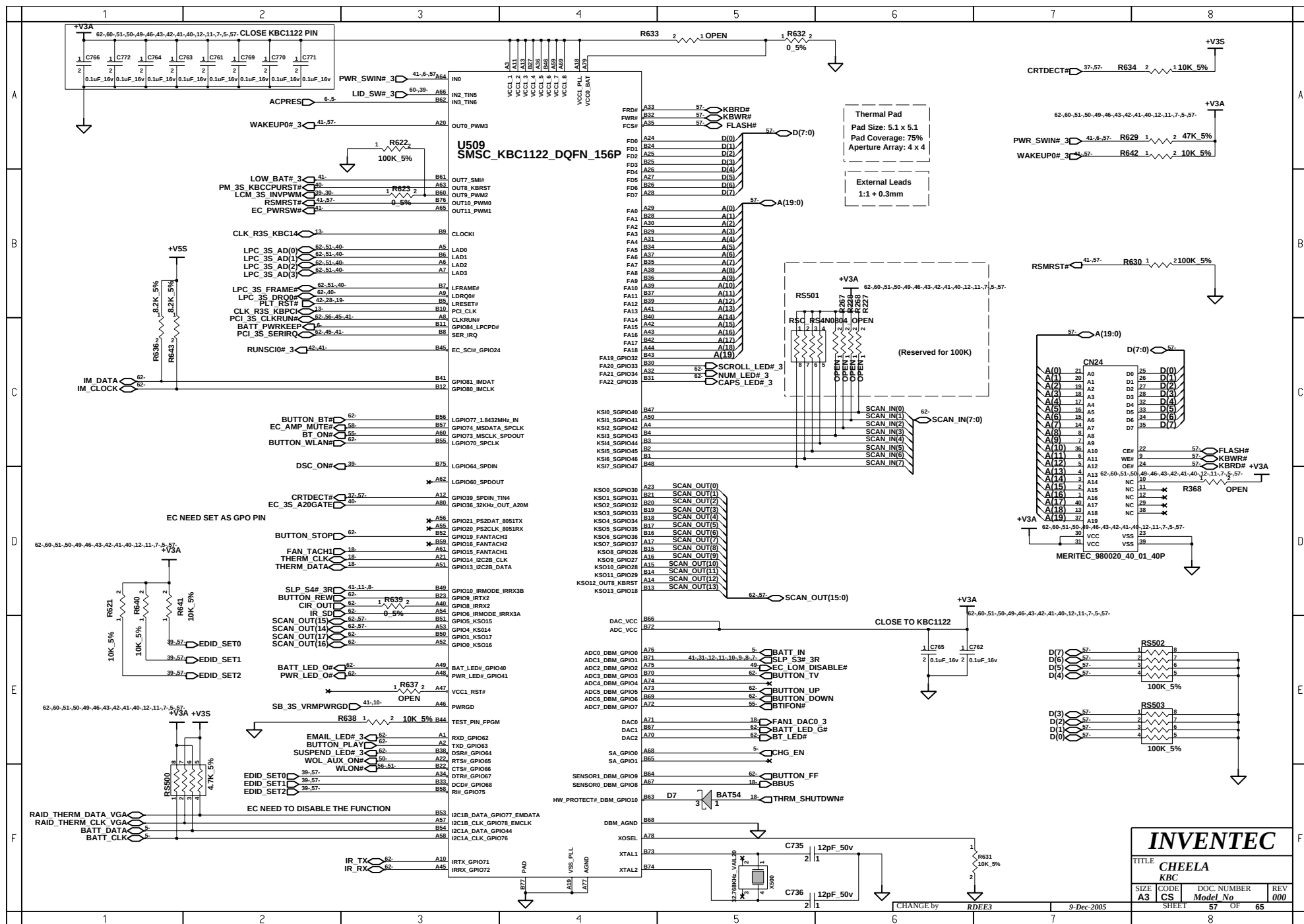
TITLE
CHEELA
USB CONN

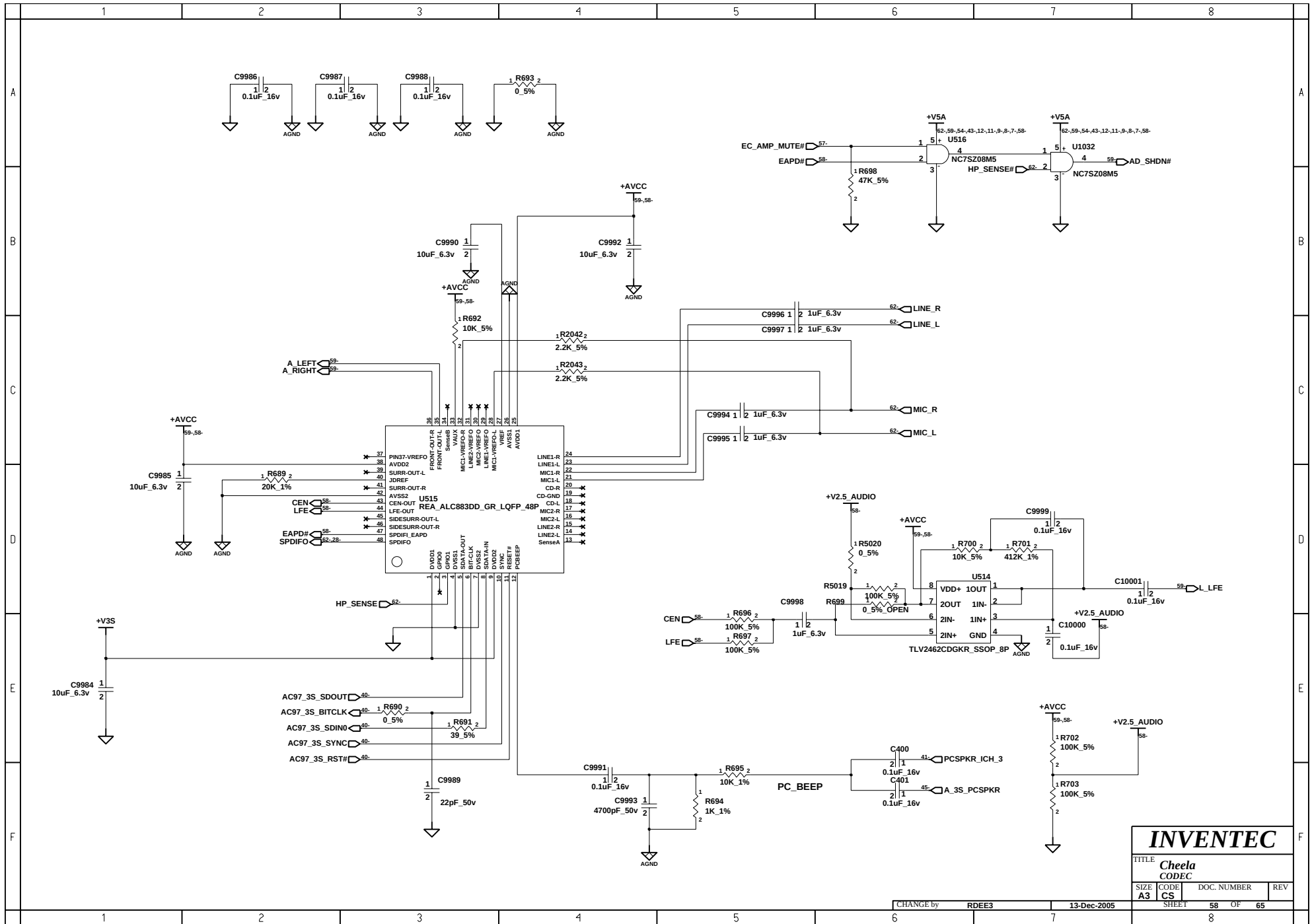
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV 000
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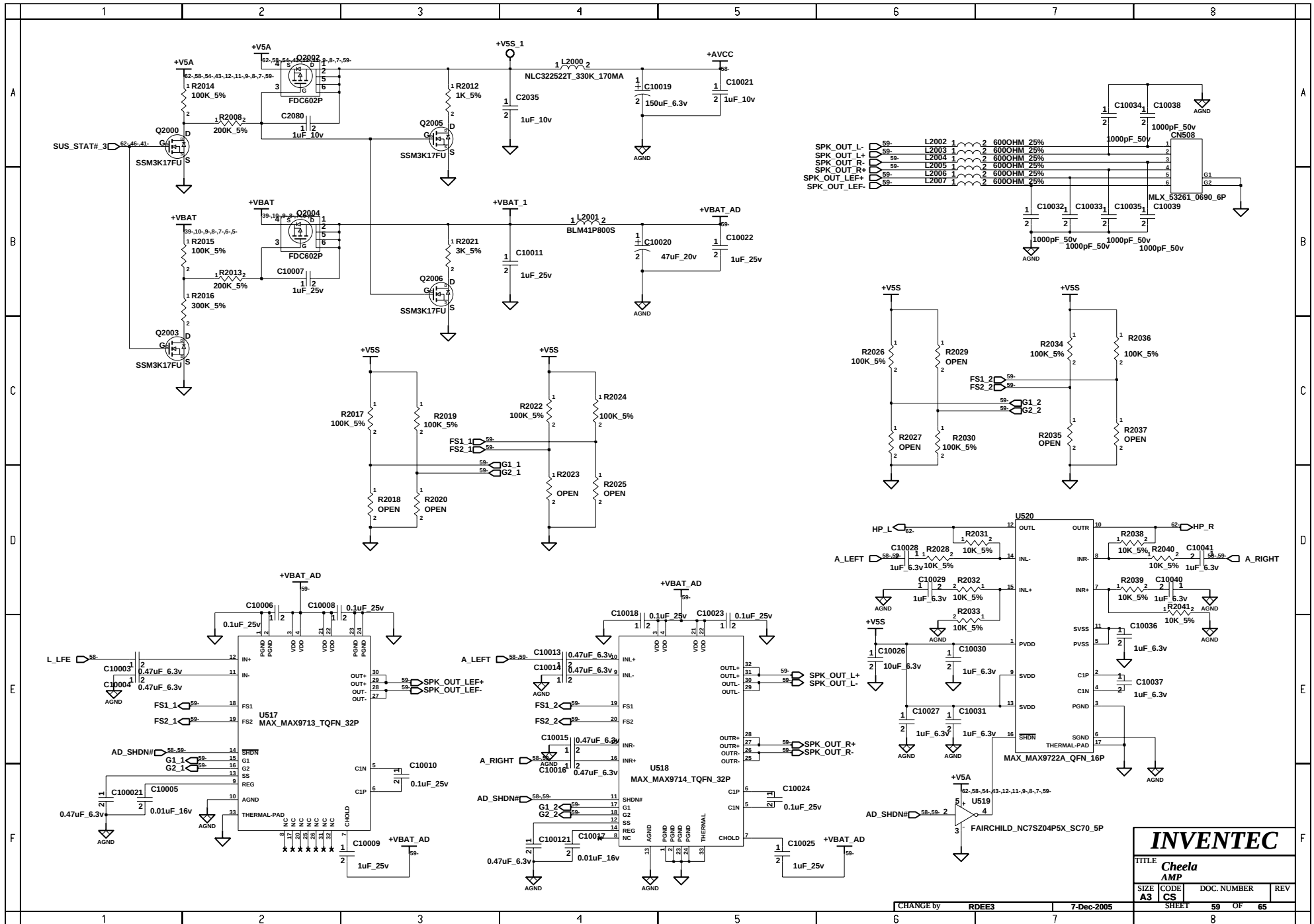
CHANGE by **RDEE3** 19-Dec-2005

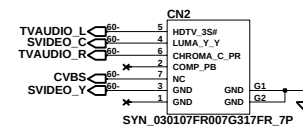
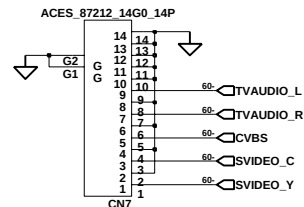
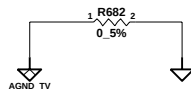
SHEET **54** OF **65**





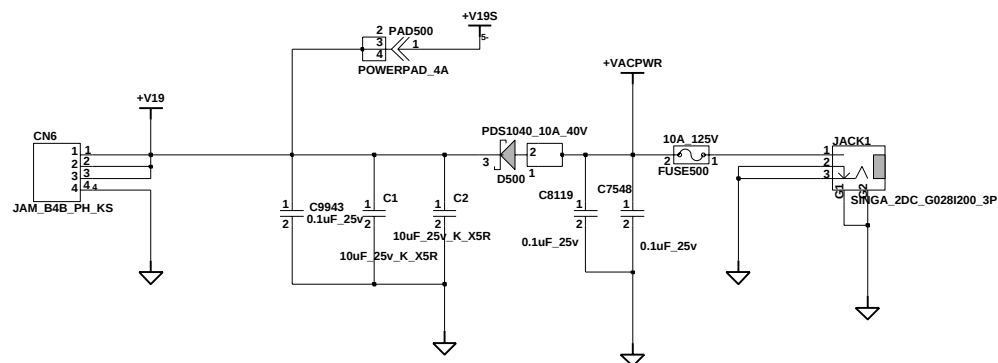
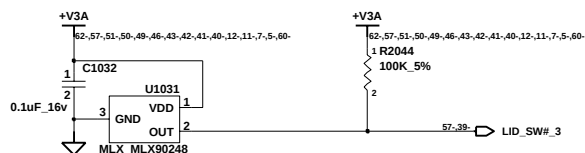






TV ANT

AV IN



LID SWITCH

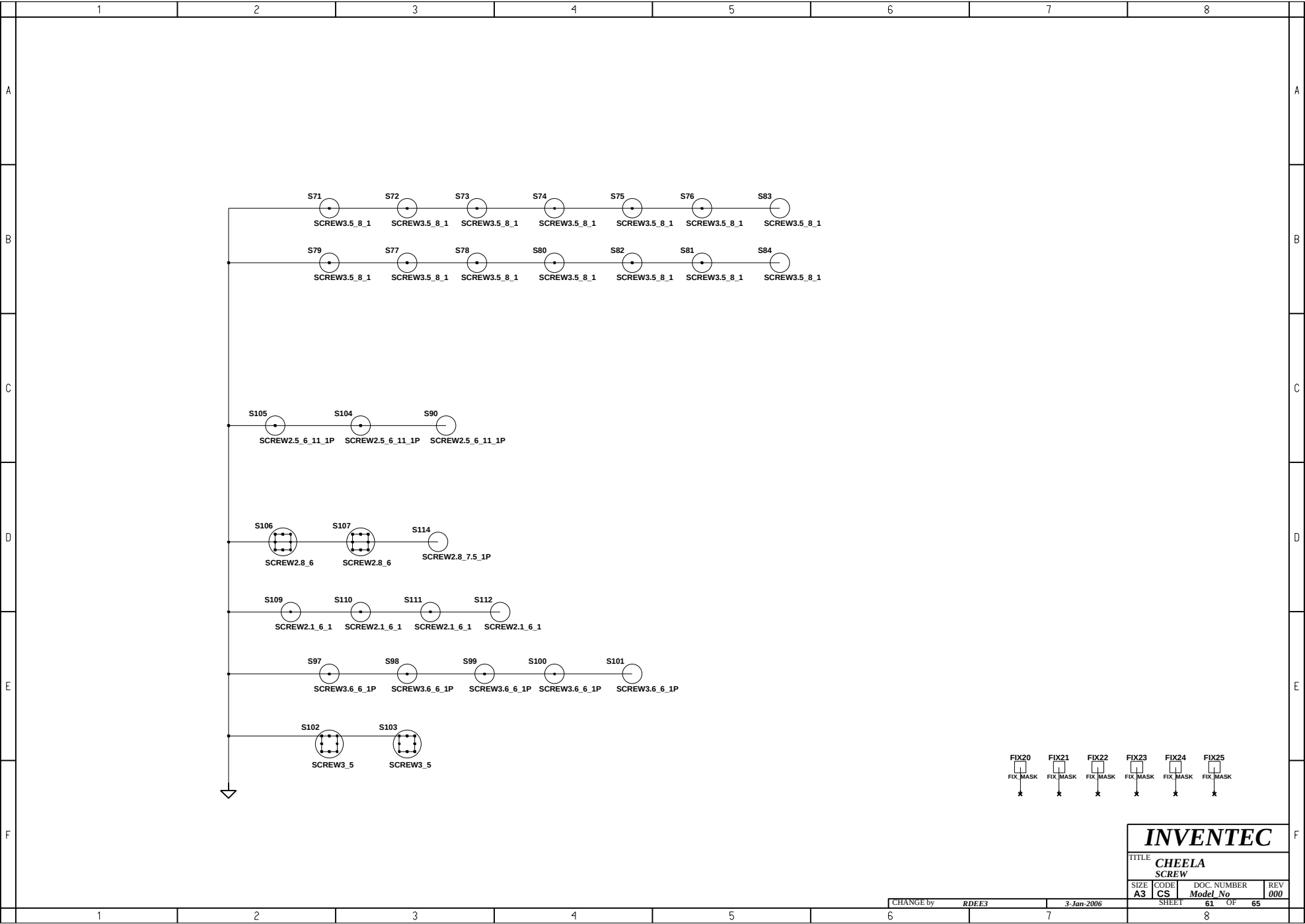
DC IN

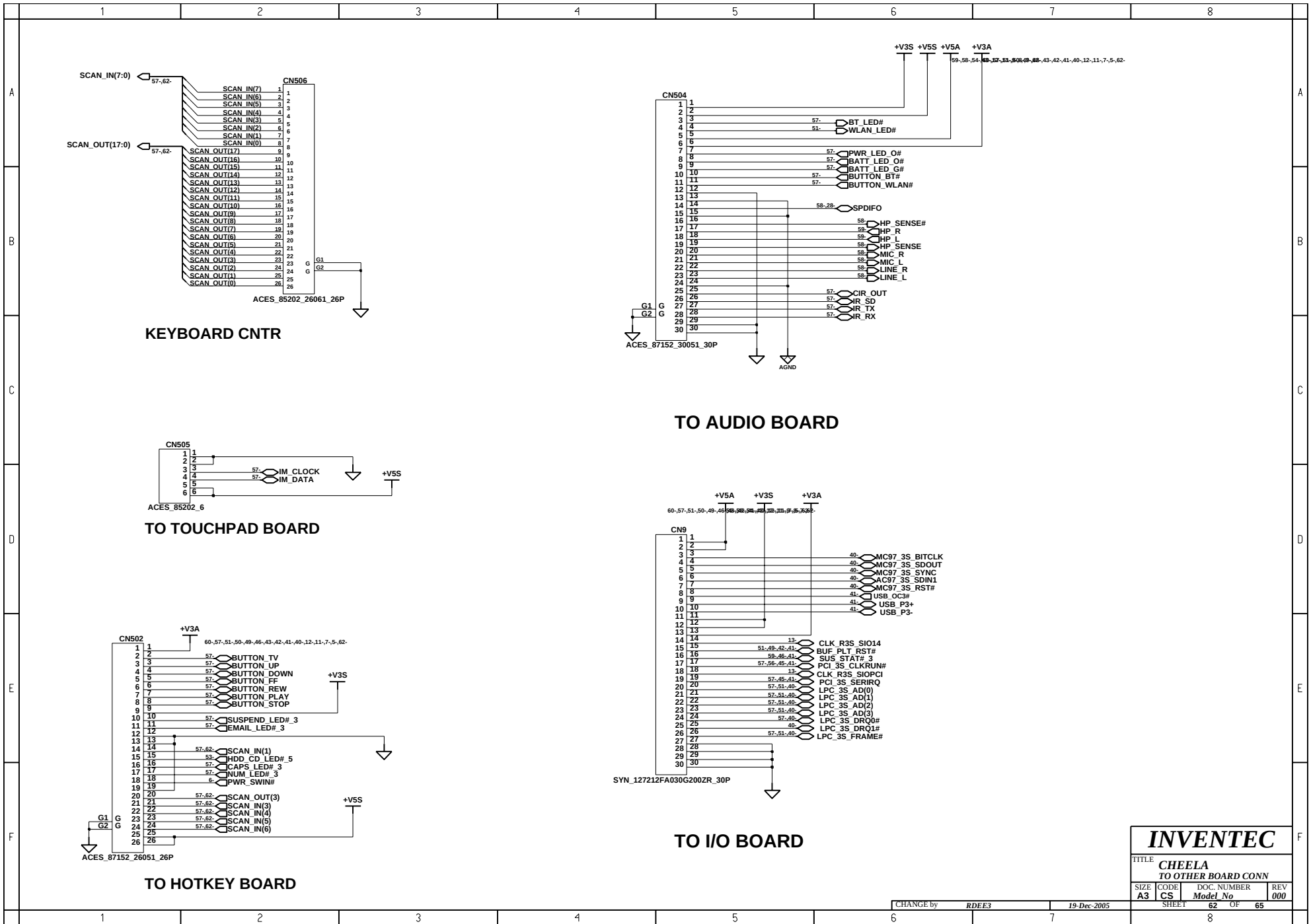
INVENTEC

TITLE			
CHEELA TVFUNCTION CNN & DC-IN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	<i>000</i>
SHEET 60 OF 65			

CHANGE by	<i>RDEE3</i>	24-Nov-2005
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SHEET **60** OF **65**





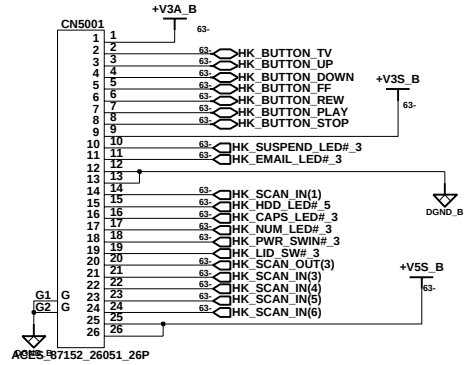
INVENTEC

TITLE CHEELA TO OTHER BOARD CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000

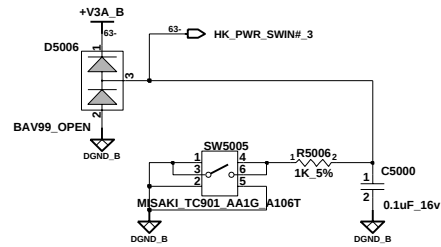
CHANGE by RDEE3 19-Dec-2005

SHEET 62 OF 65

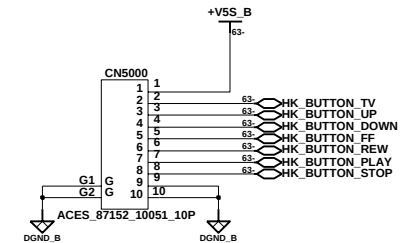
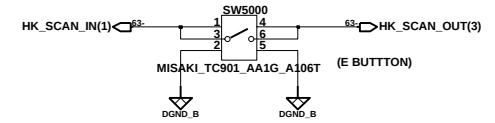
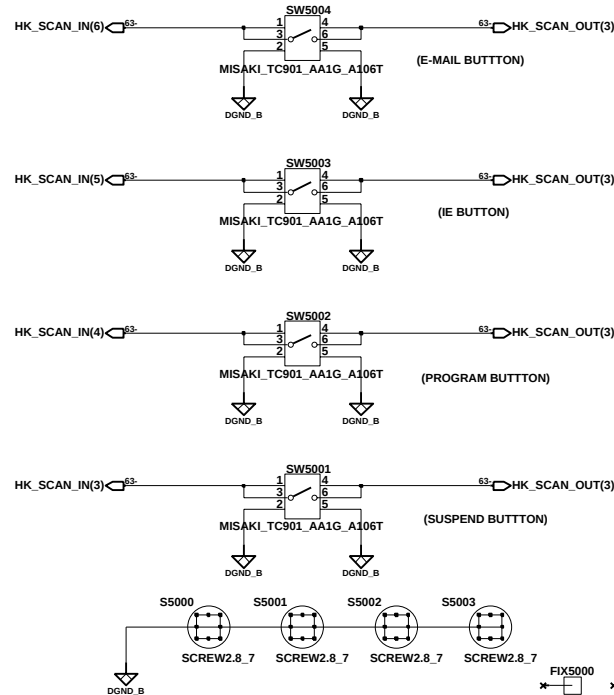
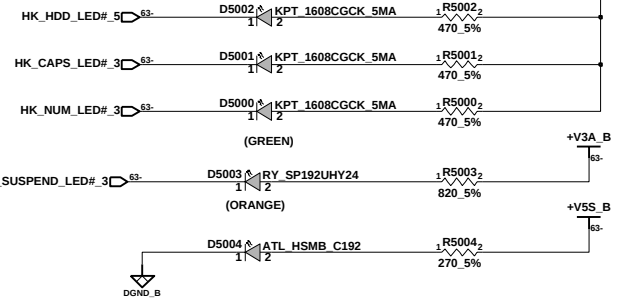
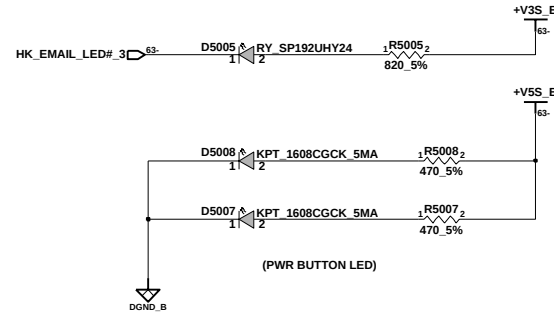
Hotkey Board



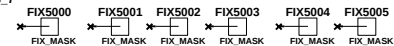
TO MB PAGE61



PWR SWITCH



TO MEDIA BOARD

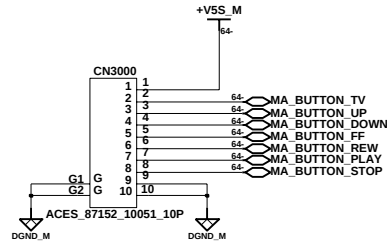


INVENTEC

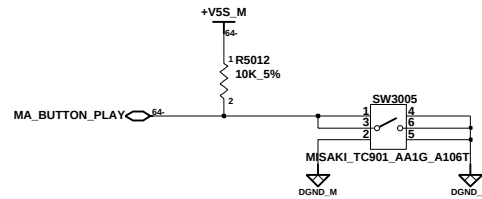
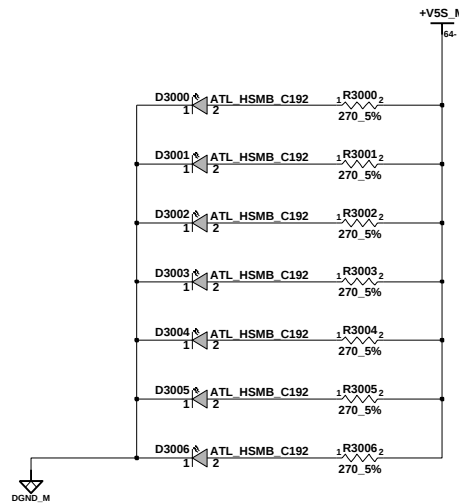
TITLE CHEELA HOTKEY BOARD			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET 63		OF 65	

CHANGE by RDEE3 21-Dec-2005

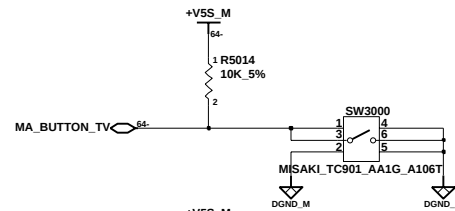
MEDIA Board



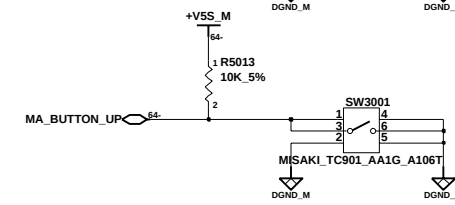
TO HOTKEY BOARD



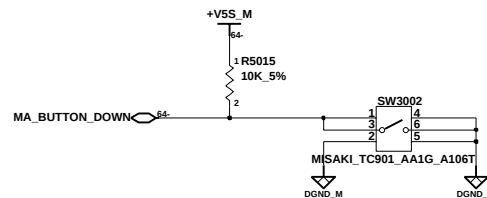
PLAY/PAUSE



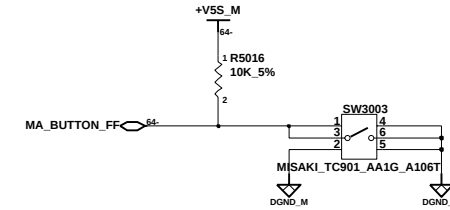
TV



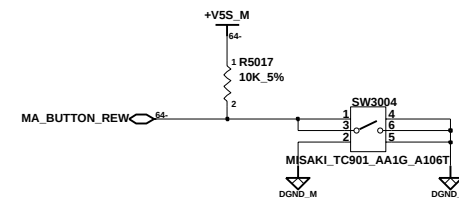
VOL UP



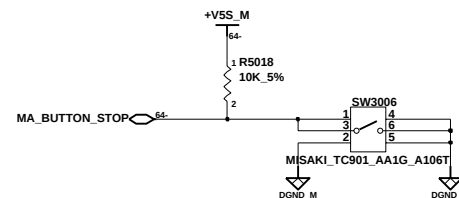
VOL DOWN



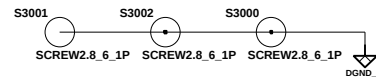
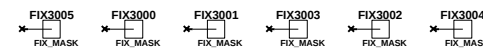
FF



REW



STOP

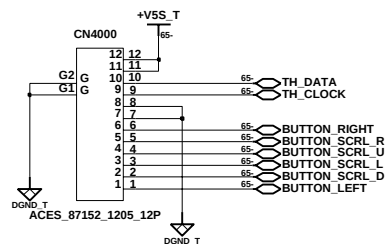


INVENTEC

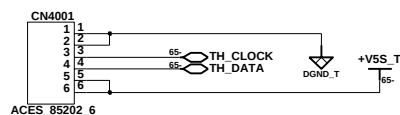
TITLE CHEELA			
MEDIA			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET		64 OF	65

CHANGE by **RDEE3** 30-Dec-2005

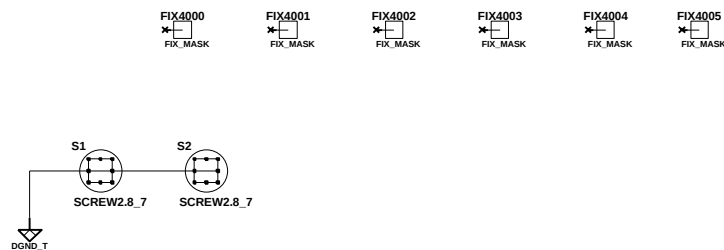
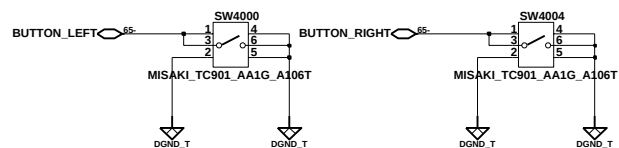
TOUCH PAD BUTTON BOARD



TO TOUCH PAD



TO MB PAGE 60



INVENTEC

TITLE
CHEELA
TH BUTTON

SIZE CODE DOC. NUMBER REV
A3 CS SHEET 65 OF 65

CHANGE by RDEE3 3-Jan-2006