

[illegible]

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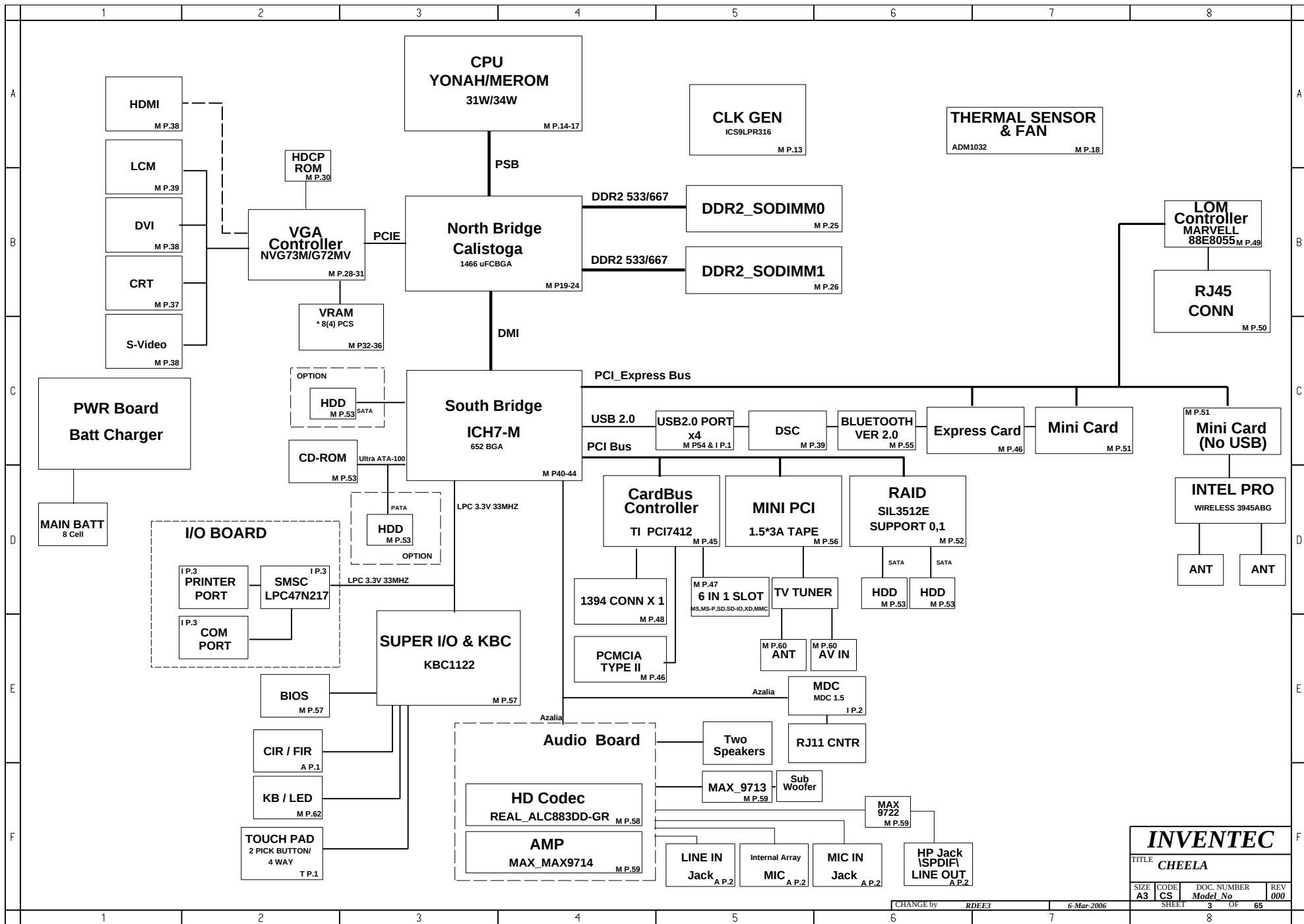
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I/O BOARD
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INVENTEC

TITLE *Cheela*

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV 000
SHEET 2		OF 65	

CHANGE by *Arthur Chen* 6-Mar-2006



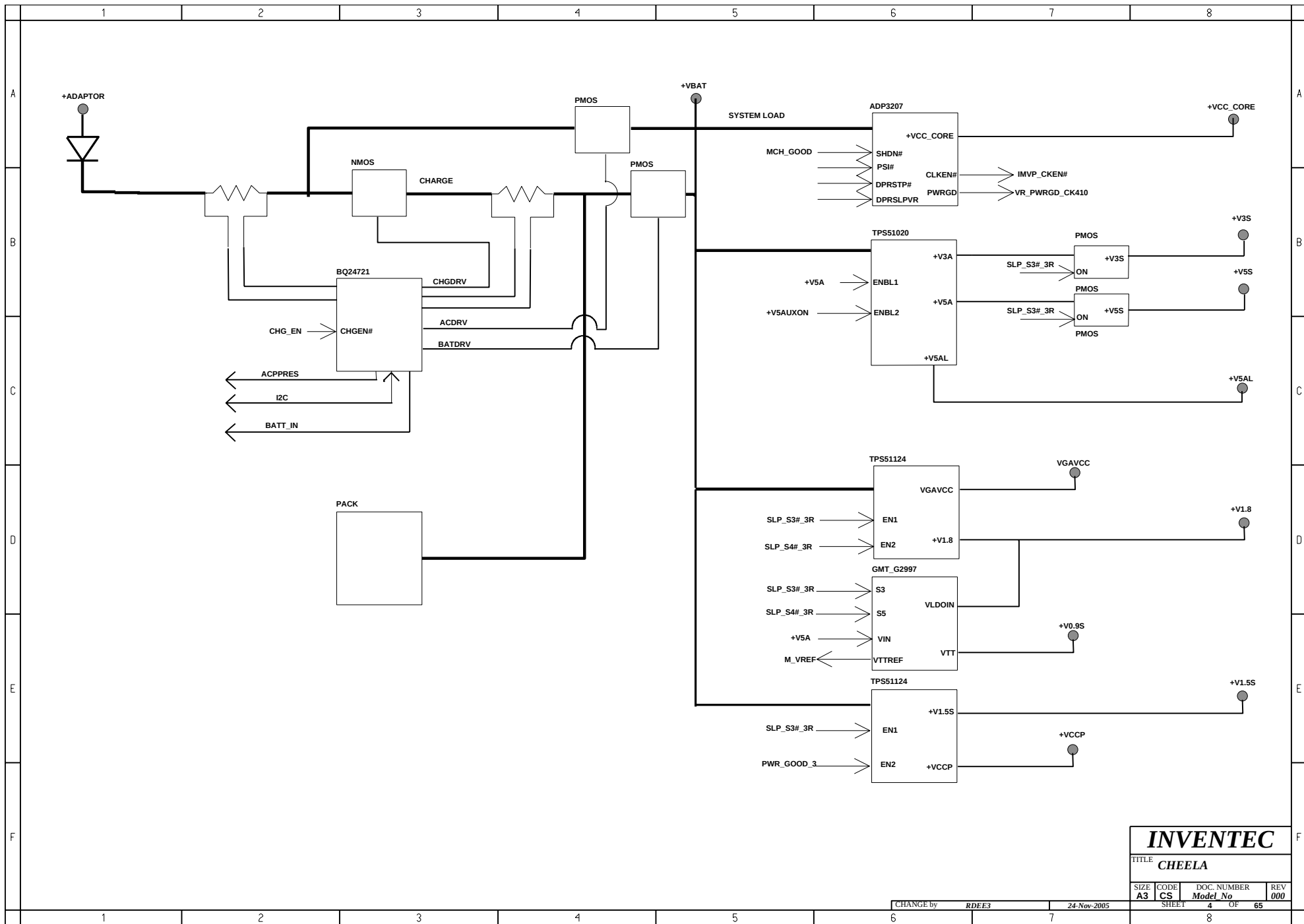
INVENTEC

TITLE **CHEELA**

SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000
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CHANGE by **RDEE3** 6-Mar-2006

SHEET **3** OF **65**



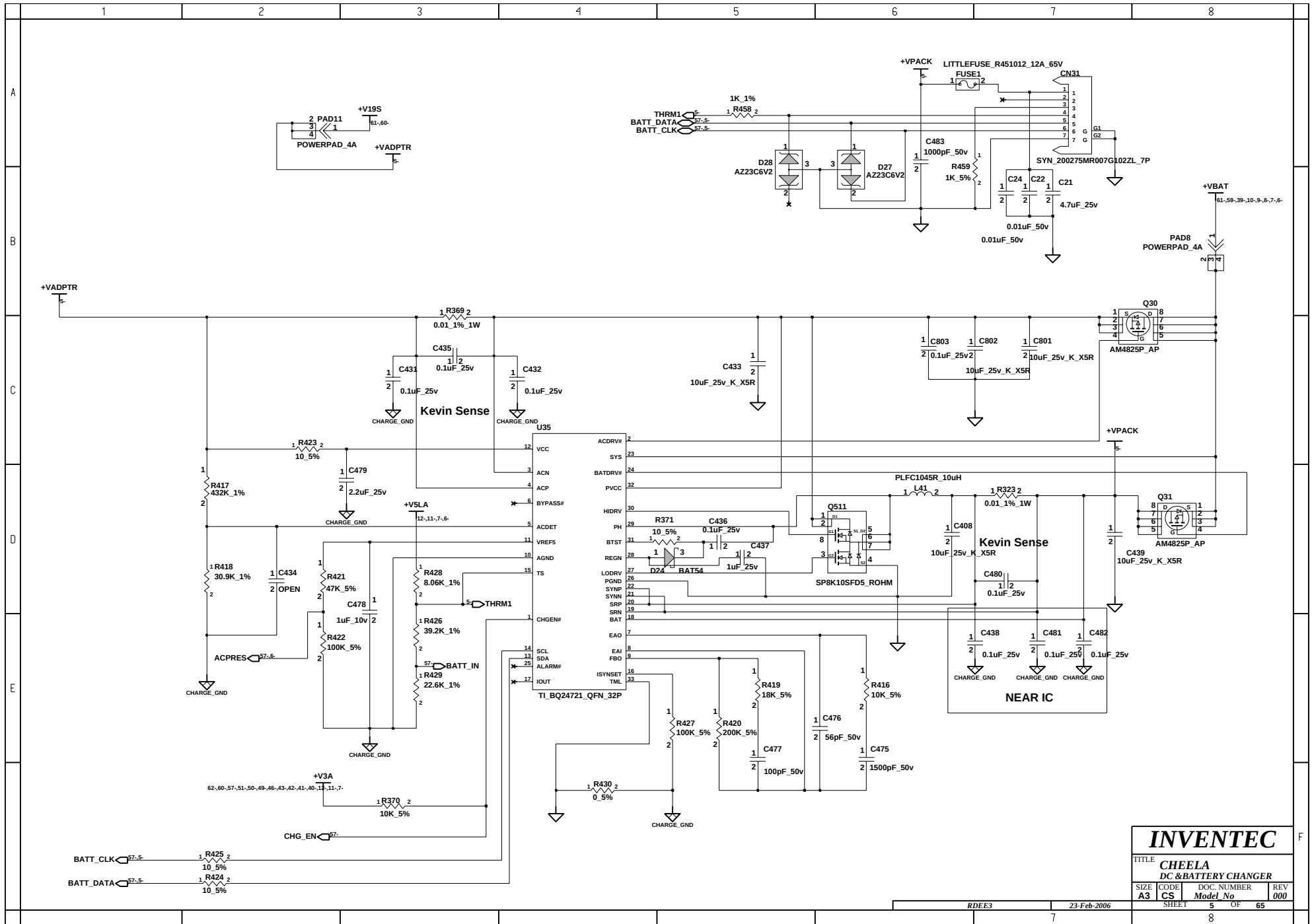
INVENTEC

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

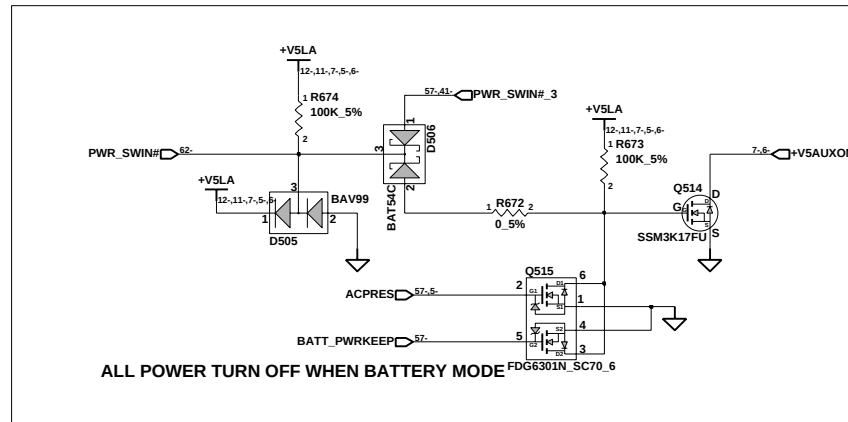
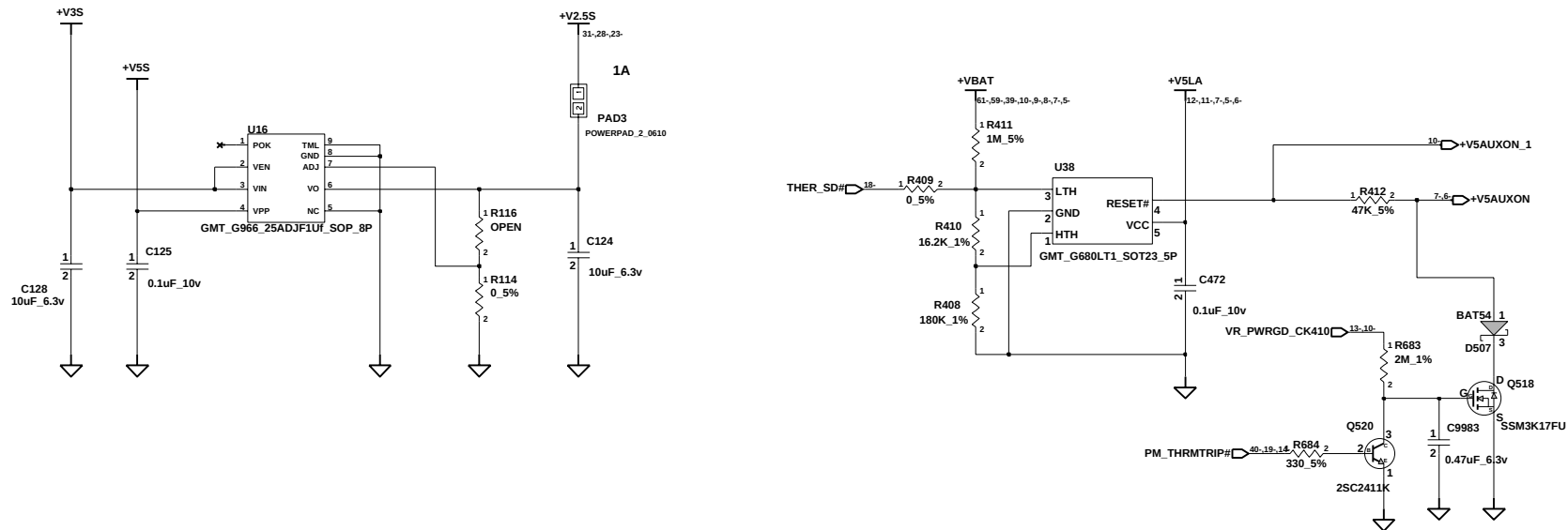
B

C

D

E

F

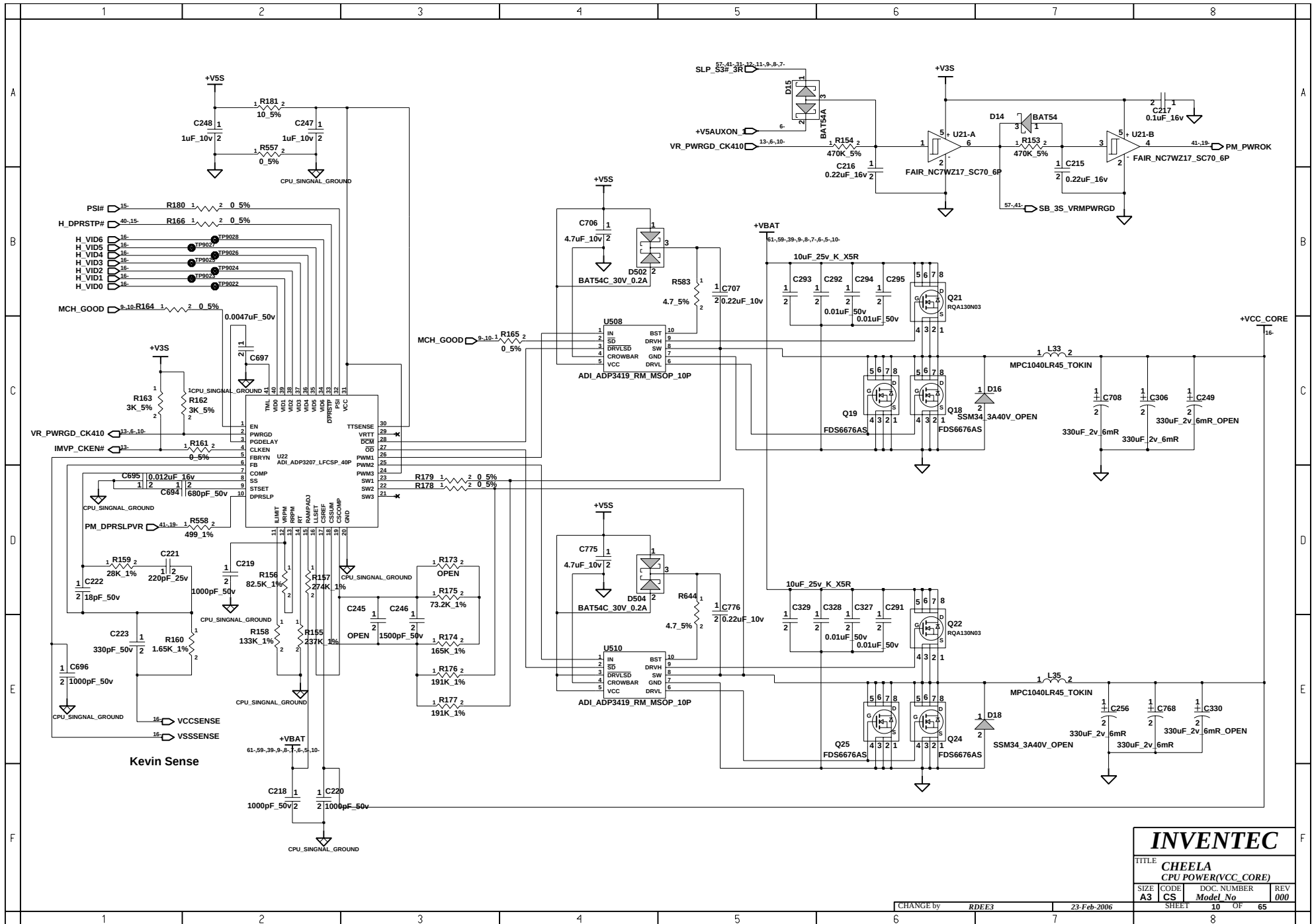


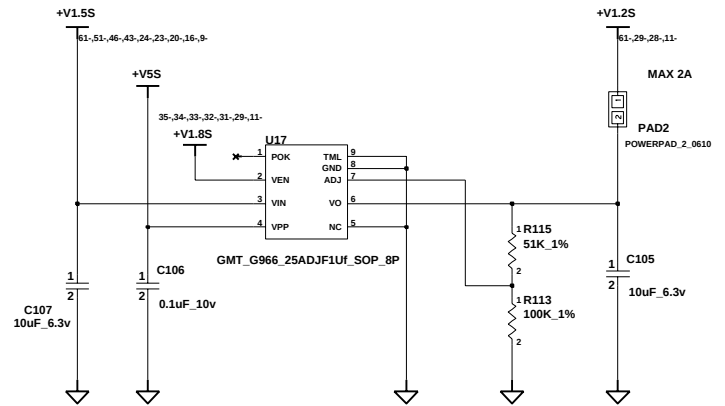
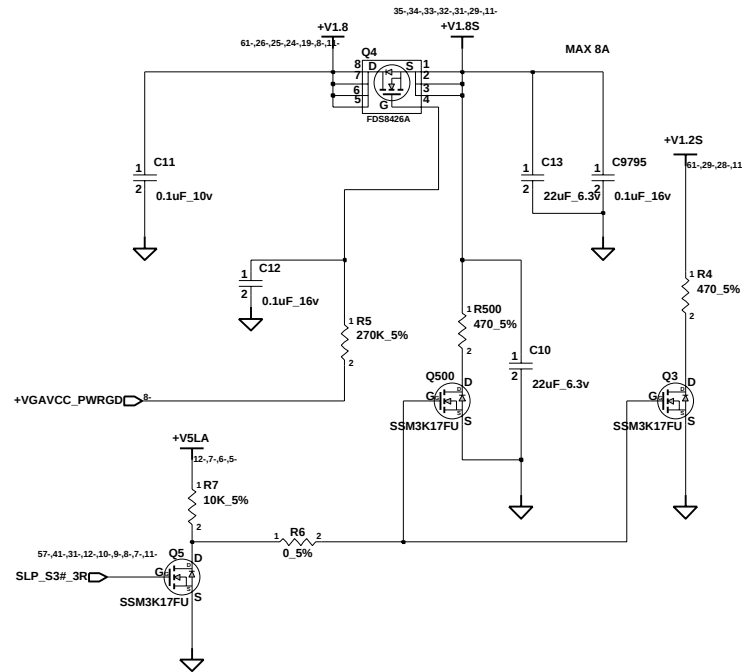
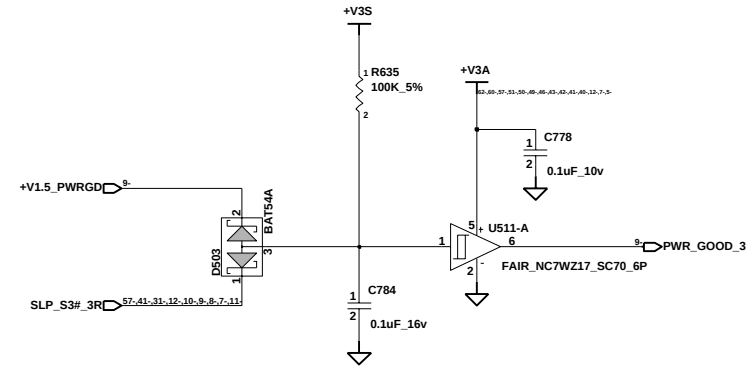
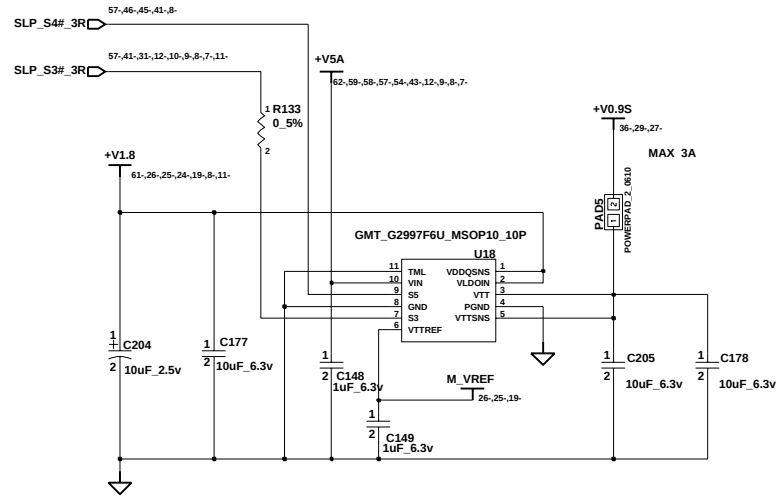
INVENTEC

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

CHANGE by RDEE3 28-Feb-2006

SHEET 6 OF 65





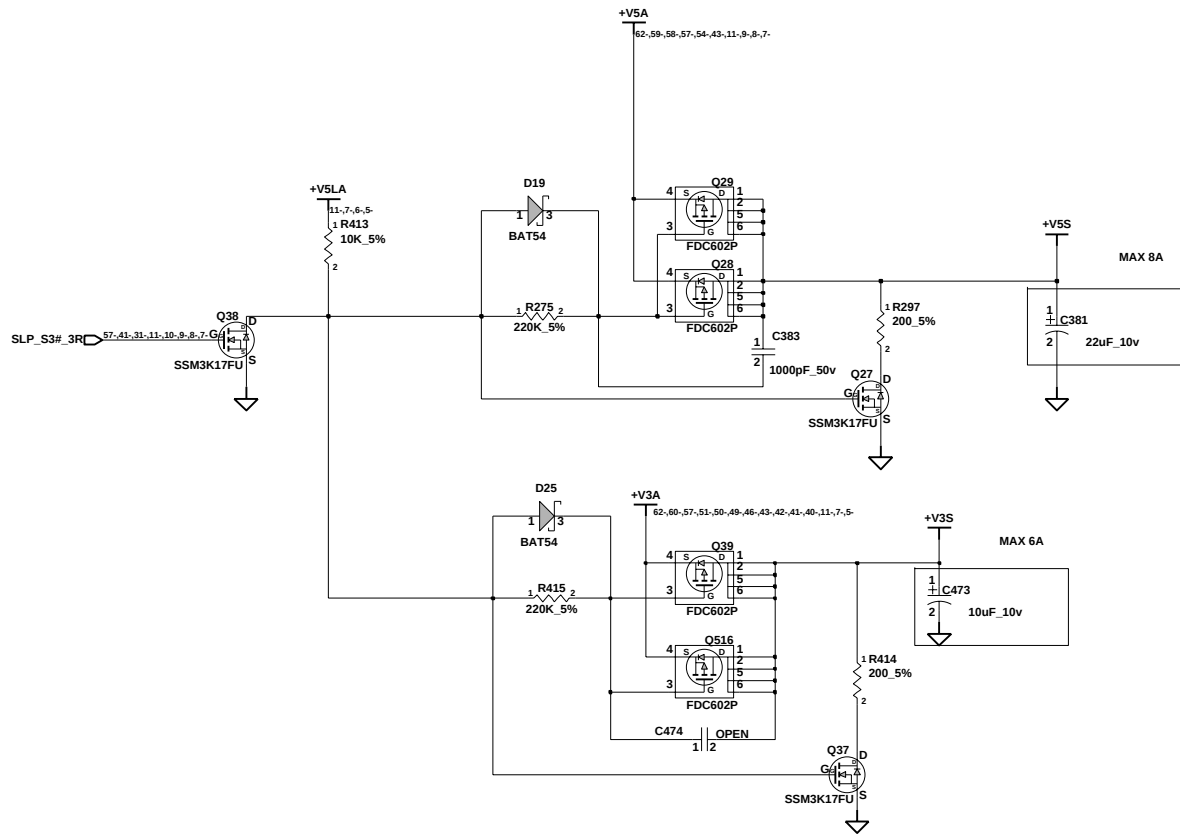
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TITLE
CHEELA
+V0.9S / POWER GOOD

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

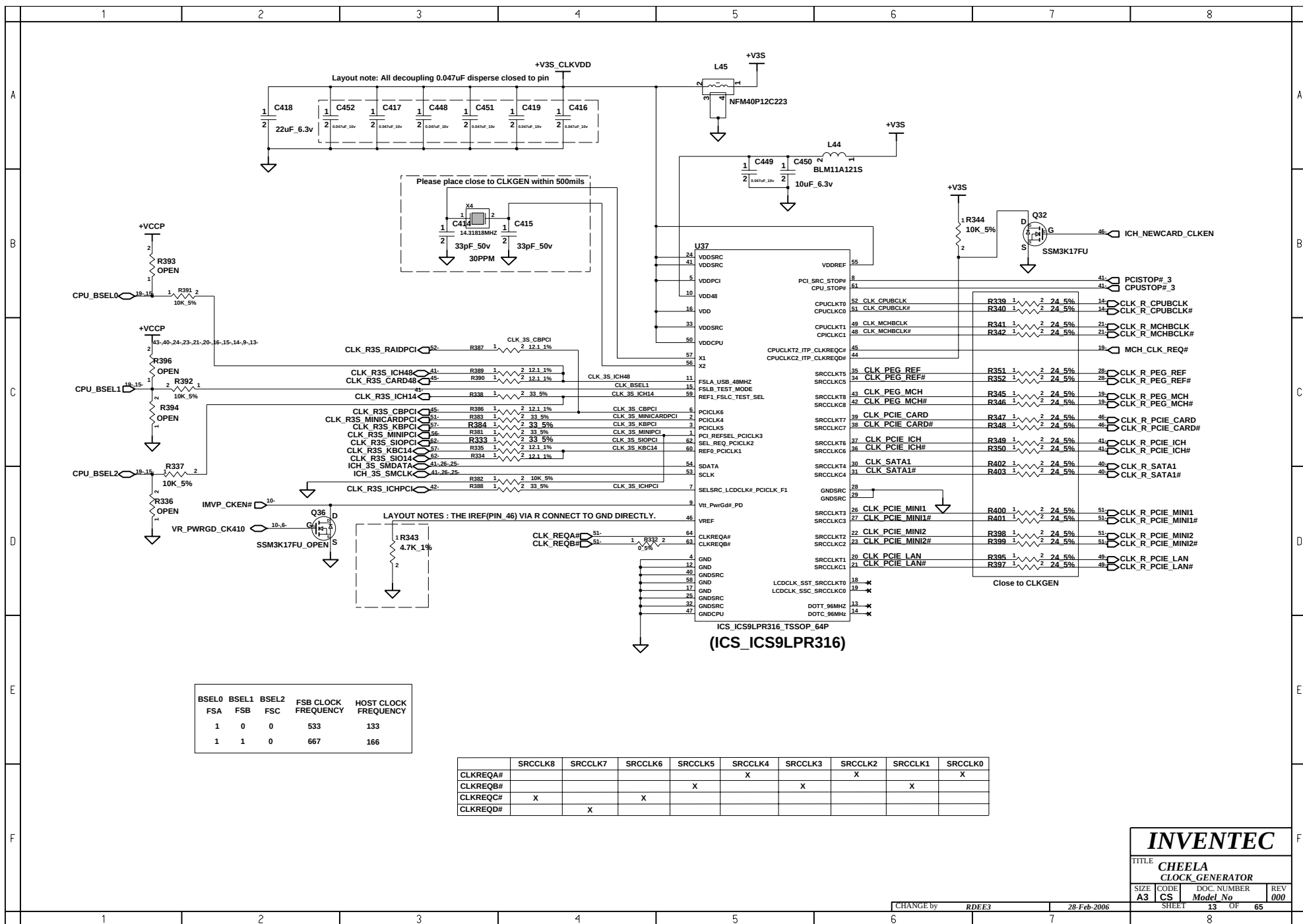
SHEET **11** OF **65**

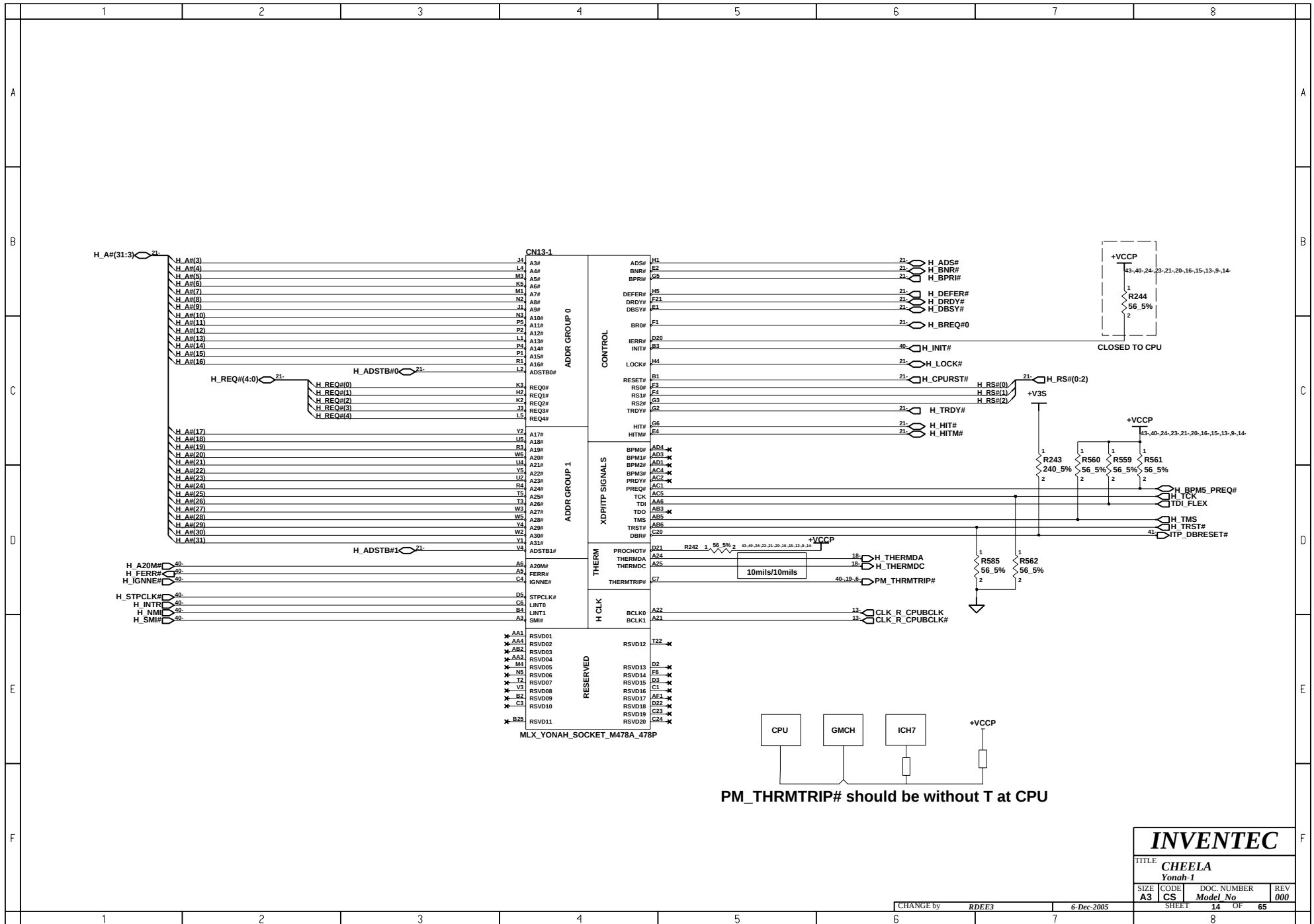


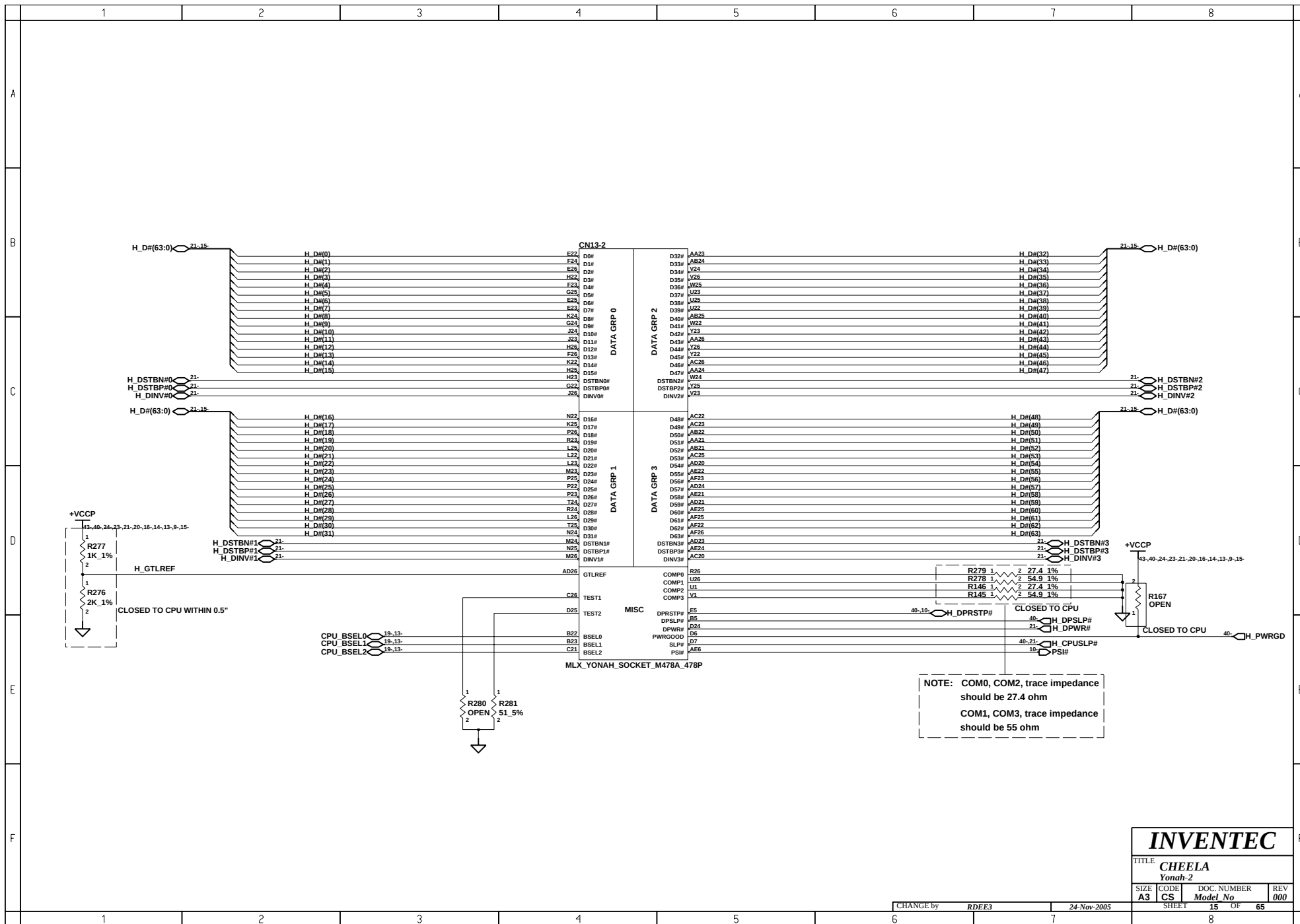
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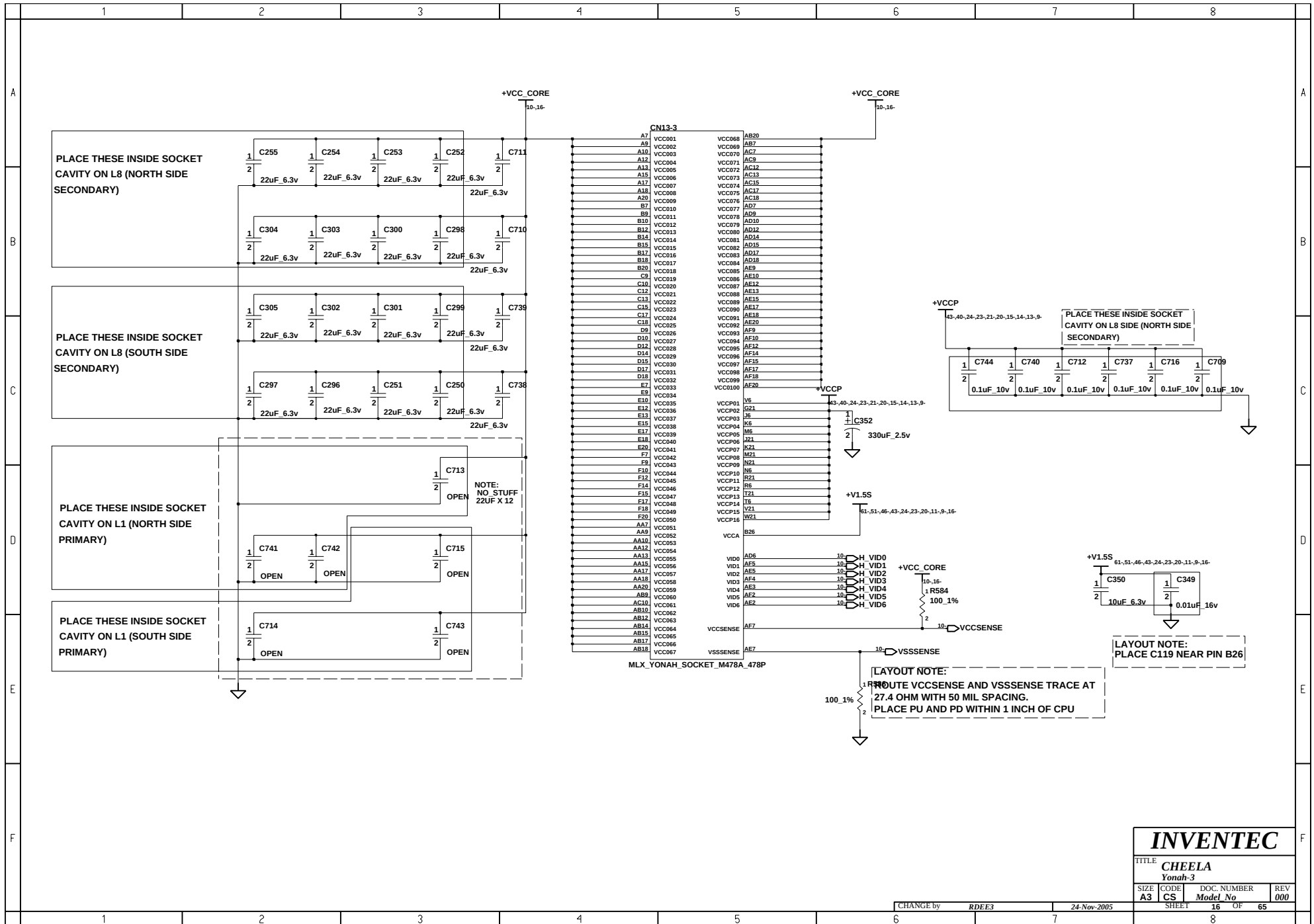
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CHEELA			
POWER(SLEEP)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000
SHEET		12	OF 65

CHANGE by RDEE3 24-Nov-2005









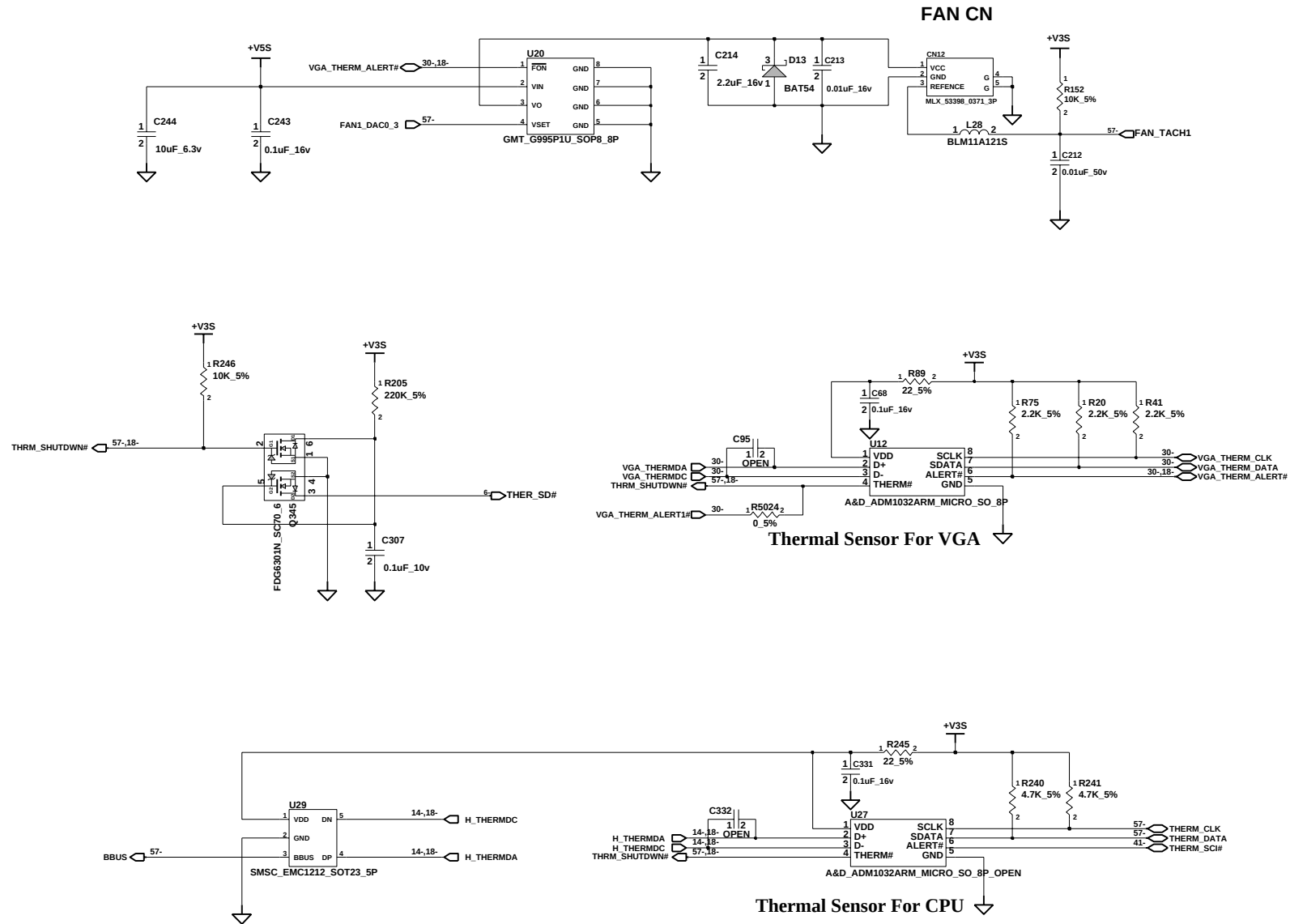
	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D
E									E
F									F

CN13-4

A4	VS5001	VS5082	P6
A5	VS5002	VS5083	P21
A11	VS5003	VS5084	P24
A14	VS5004	VS5085	R2
A15	VS5005	VS5086	R5
A16	VS5006	VS5087	R22
A23	VS5007	VS5088	R25
A26	VS5008	VS5089	T1
B6	VS5009	VS5090	T4
B8	VS5010	VS5091	T23
B11	VS5011	VS5092	T26
B14	VS5012	VS5093	U3
B16	VS5013	VS5094	U6
B18	VS5014	VS5095	U21
B21	VS5015	VS5096	U24
B24	VS5016	VS5097	V2
C3	VS5017	VS5098	V5
C8	VS5018	VS5099	V22
C11	VS5019	VS5100	V25
C14	VS5020	VS50101	W1
C16	VS5021	VS50102	W4
C19	VS5022	VS50103	W23
C2	VS5023	VS50104	W26
C22	VS5024	VS50105	Y3
C25	VS5025	VS50106	Y6
D1	VS5026	VS50107	Y21
D4	VS5027	VS50108	Y24
D6	VS5028	VS50109	AA2
D11	VS5029	VS50110	AA5
D13	VS5030	VS50111	AA8
D16	VS5031	VS50112	AA11
D18	VS5032	VS50113	AA14
D21	VS5033	VS50114	AA16
D26	VS5034	VS50115	AA18
E3	VS5035	VS50116	AA22
E6	VS5036	VS50117	AA26
E8	VS5037	VS50118	AB1
E11	VS5038	VS50119	AB4
E14	VS5039	VS50120	AB8
E16	VS5040	VS50121	AB11
E18	VS5041	VS50122	AB13
E21	VS5042	VS50123	AB16
E24	VS5043	VS50124	AB18
F3	VS5044	VS50125	AB23
F6	VS5045	VS50126	AB26
F11	VS5046	VS50127	AC3
F13	VS5047	VS50128	AC6
F16	VS5048	VS50129	AC8
F18	VS5049	VS50130	AC11
F2	VS5050	VS50131	AC14
F22	VS5051	VS50132	AC16
F25	VS5052	VS50133	AC19
G4	VS5053	VS50134	AC21
G1	VS5054	VS50135	AC24
G23	VS5055	VS50136	AD2
G26	VS5056	VS50137	AD5
H3	VS5057	VS50138	AD8
H6	VS5058	VS50139	AD11
H21	VS5059	VS50140	AD13
H24	VS5060	VS50141	AD16
J2	VS5061	VS50142	AD18
J5	VS5062	VS50143	AD22
J23	VS5063	VS50144	AD25
J25	VS5064	VS50145	AE1
K1	VS5065	VS50146	AE4
K4	VS5066	VS50147	AE8
K23	VS5067	VS50148	AE11
K26	VS5068	VS50149	AE14
L3	VS5069	VS50150	AE16
L4	VS5070	VS50151	AE18
L21	VS5071	VS50152	AE23
L24	VS5072	VS50153	AE26
M2	VS5073	VS50154	AF3
M5	VS5074	VS50155	AF6
M23	VS5075	VS50156	AF8
M25	VS5076	VS50157	AF11
N1	VS5077	VS50158	AF13
N4	VS5078	VS50159	AF18
N23	VS5079	VS50160	AF19
N26	VS5080	VS50161	AF21
P3	VS5081	VS50162	AE24

MLX YONAH SOCKET M478A 478P

INVENTEC			
TITLE <i>CHEELA</i> <i>Yonah-4</i>			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV <i>000</i>
CHANGE by <i>RDEE3</i>		24-Nov-2005	
SHEET 17		OF 65	

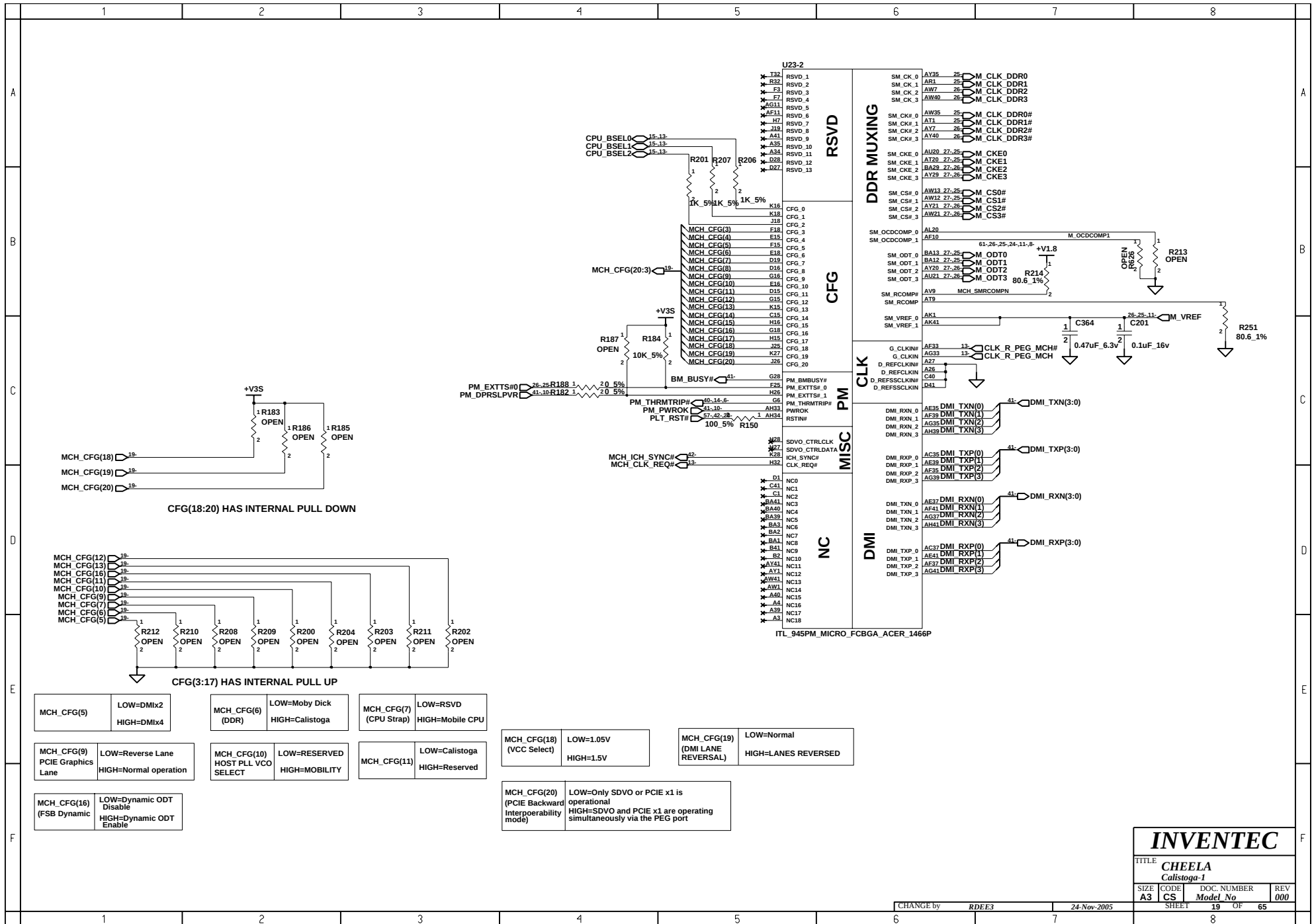


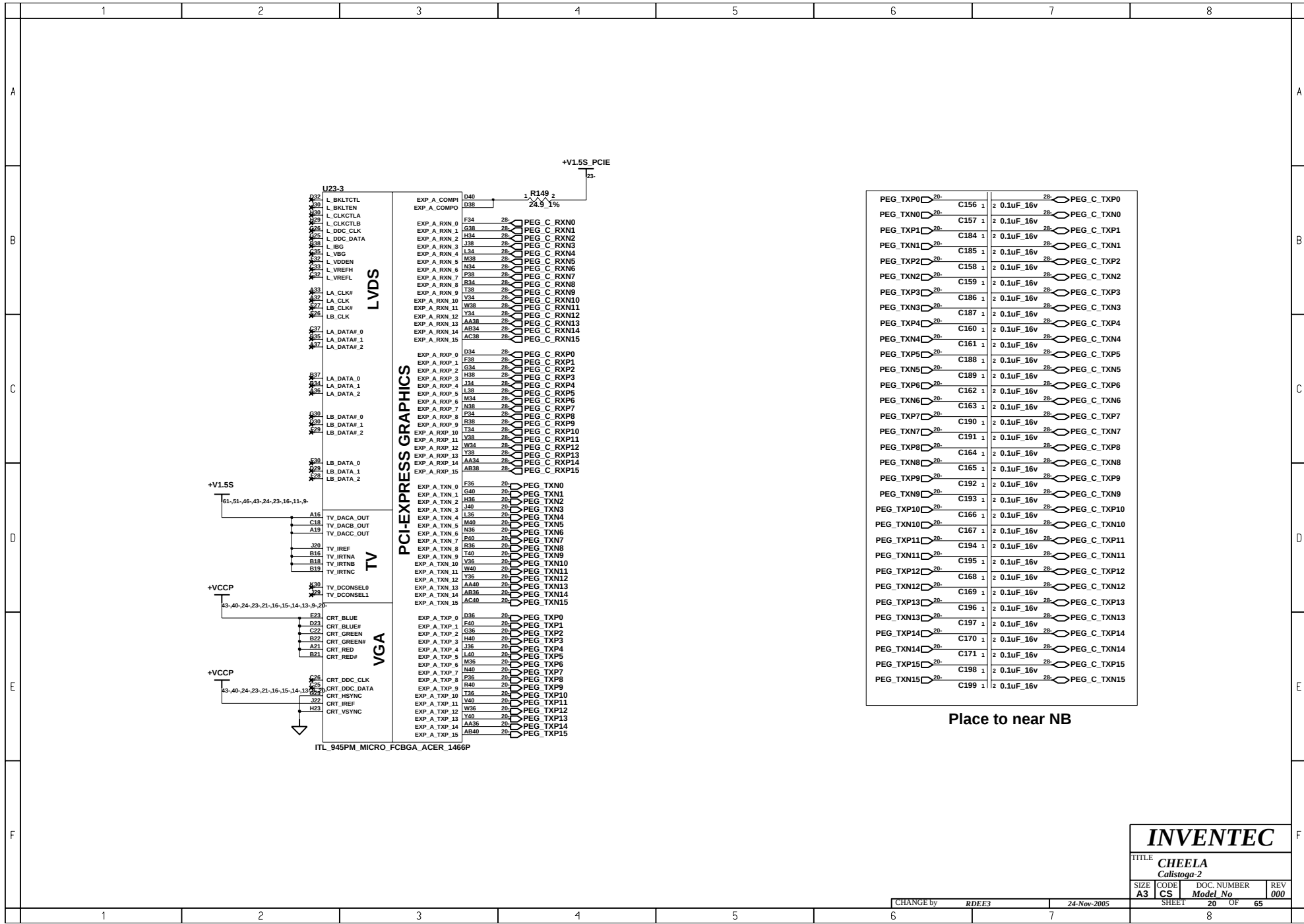
INVENTEC

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

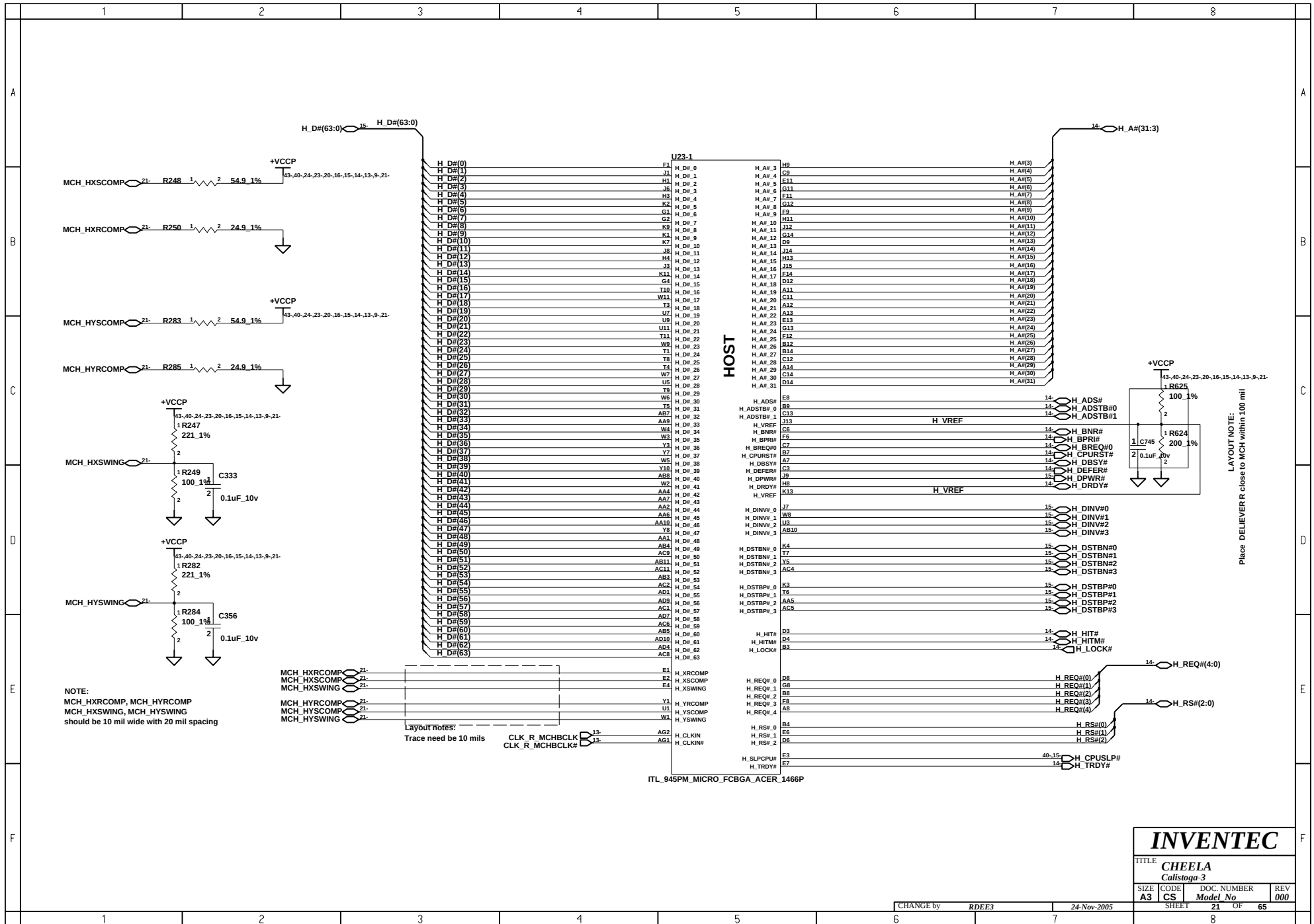
INVENTEC

TITLE
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**



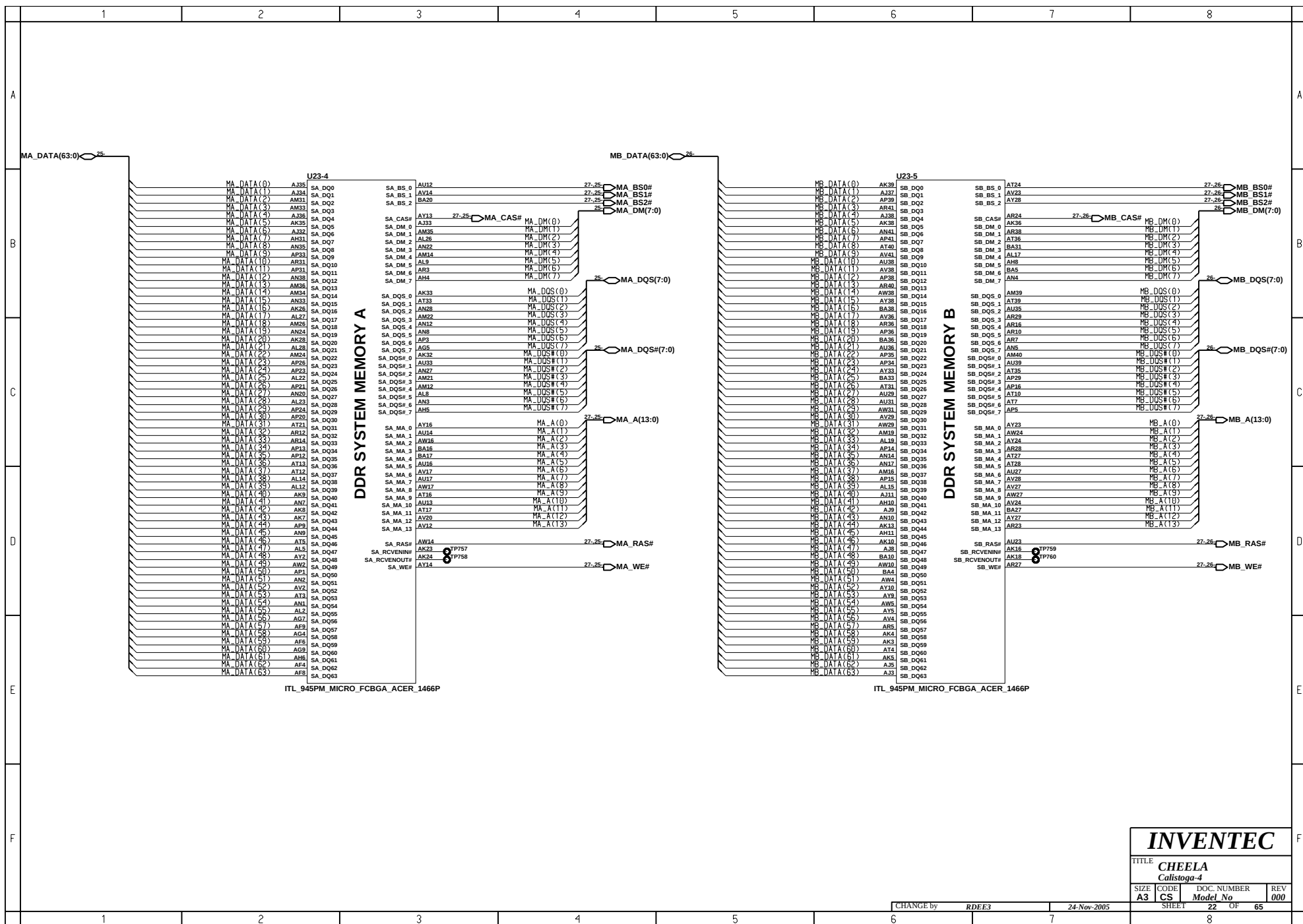
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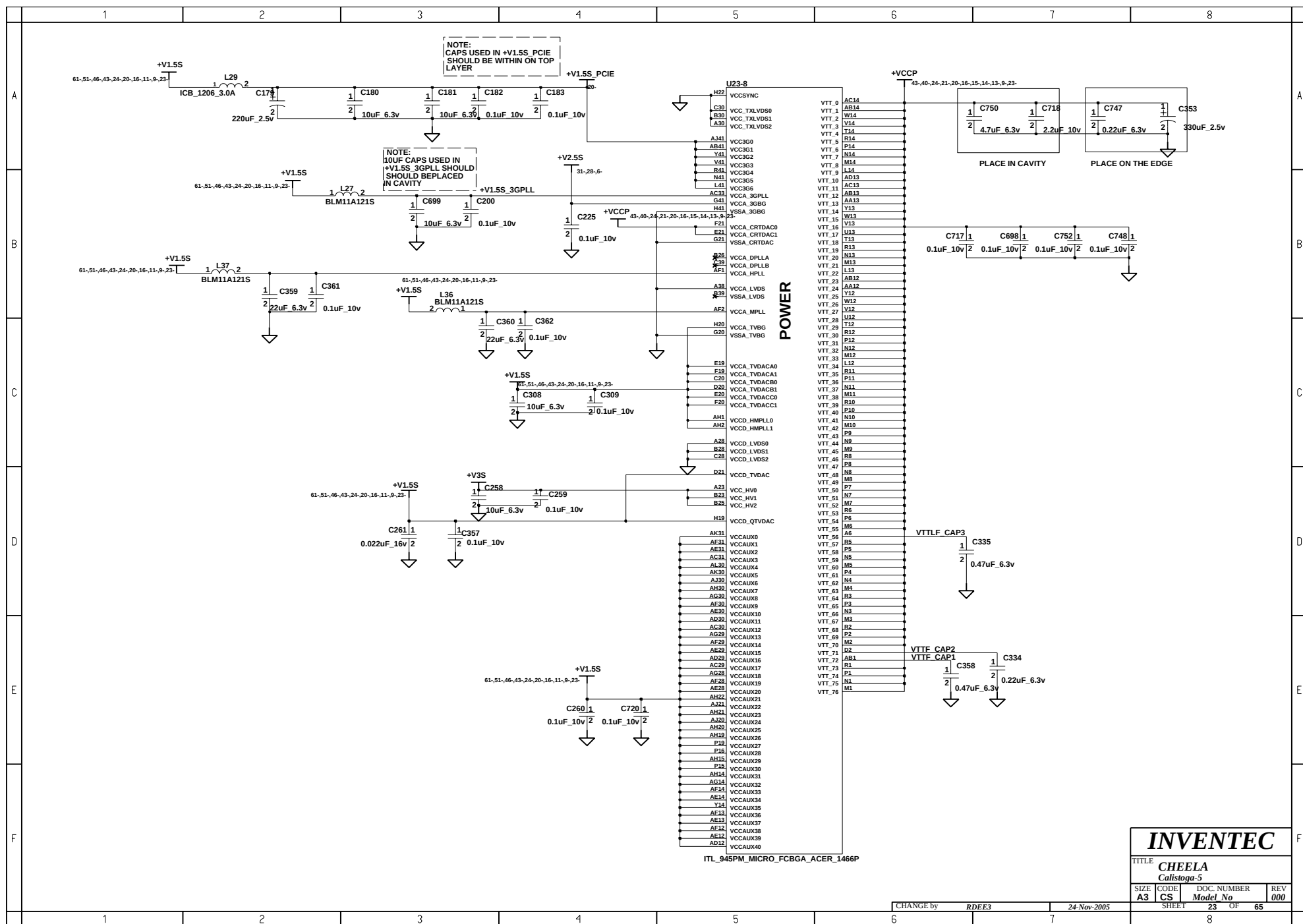
TITLE
CHEELA
Calistoga-3

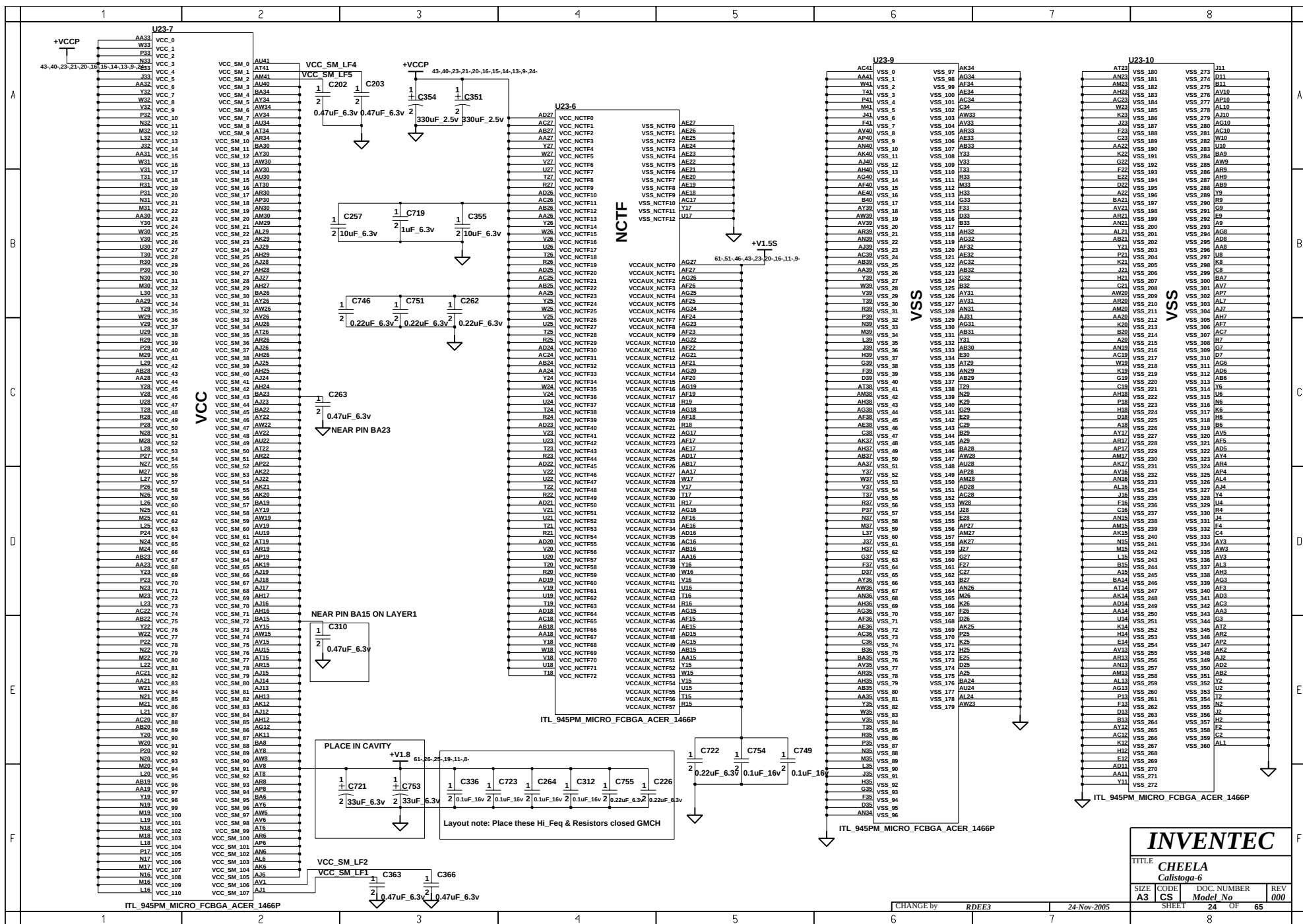
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

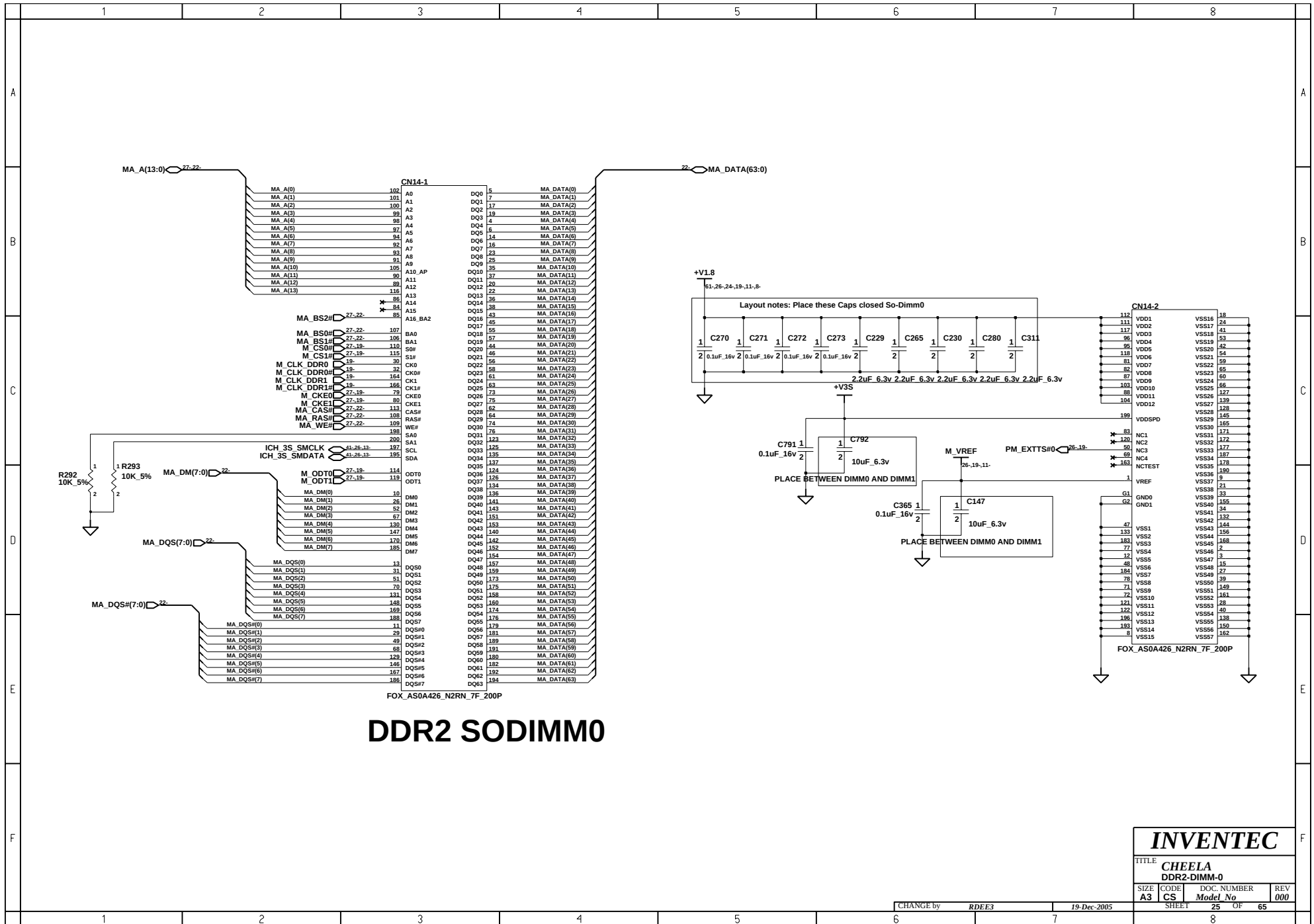
CHANGE by RDEE3 24-Nov-2005

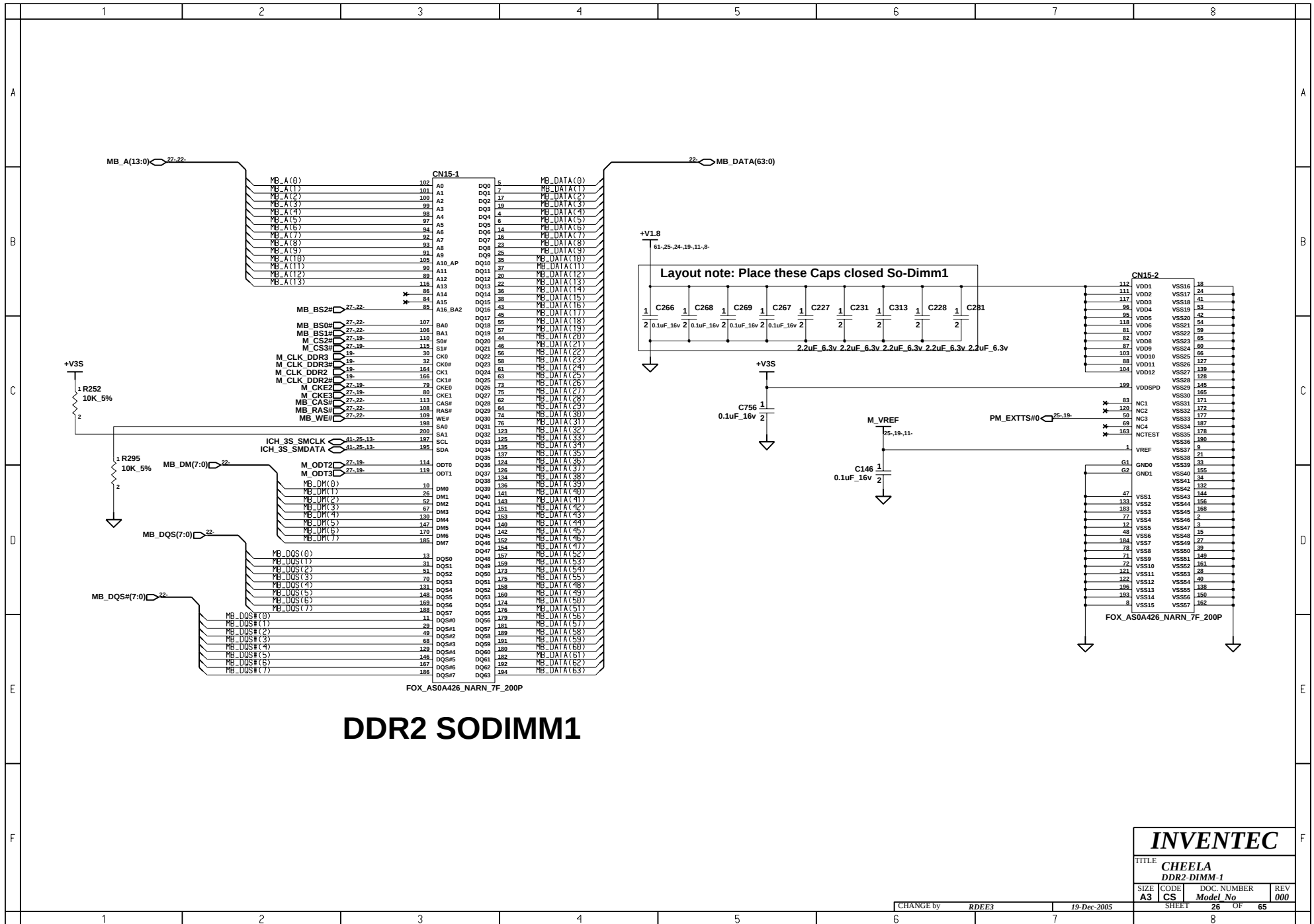
SHEET 21 OF 65

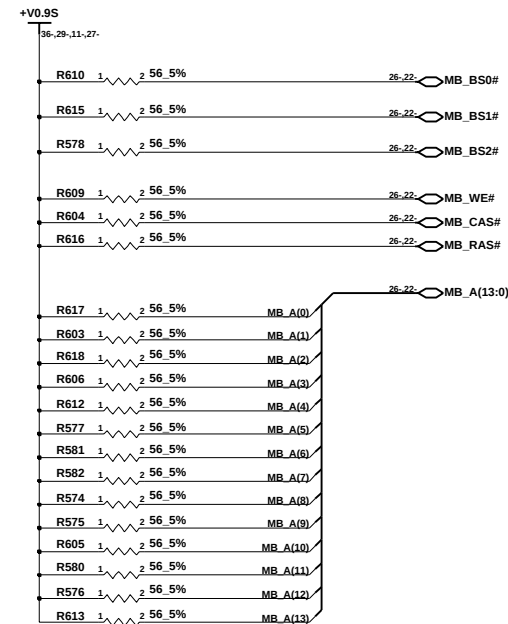




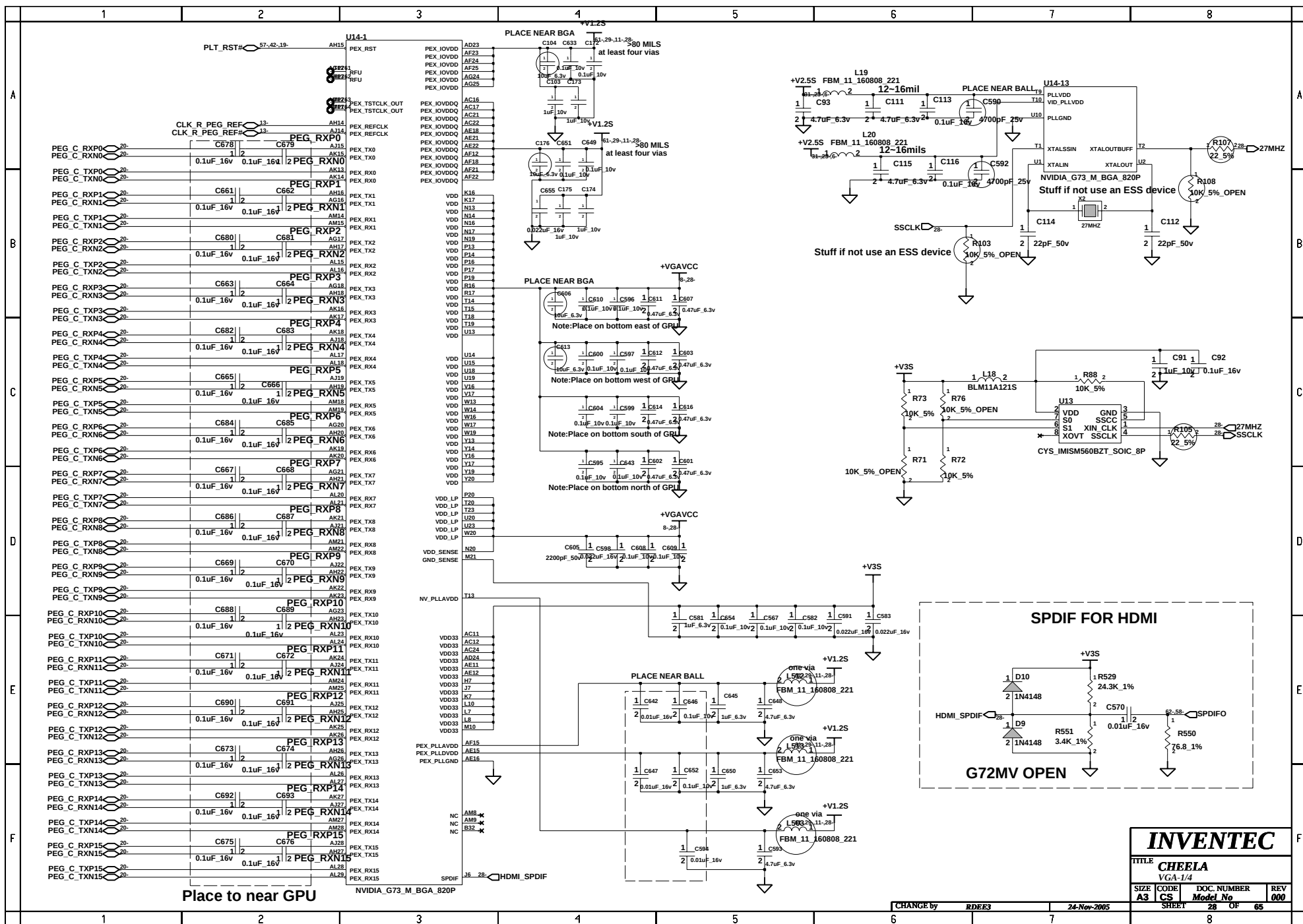


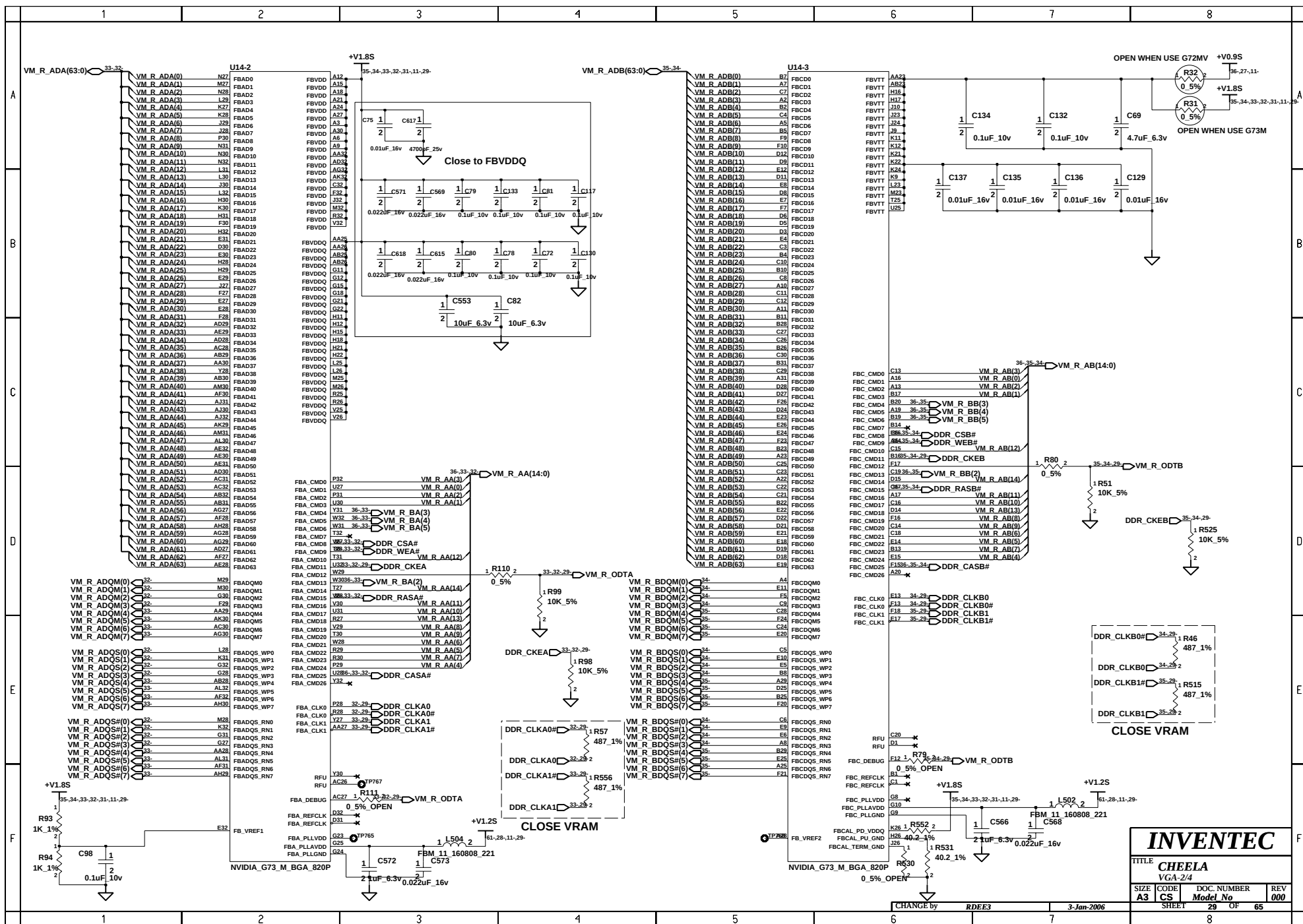


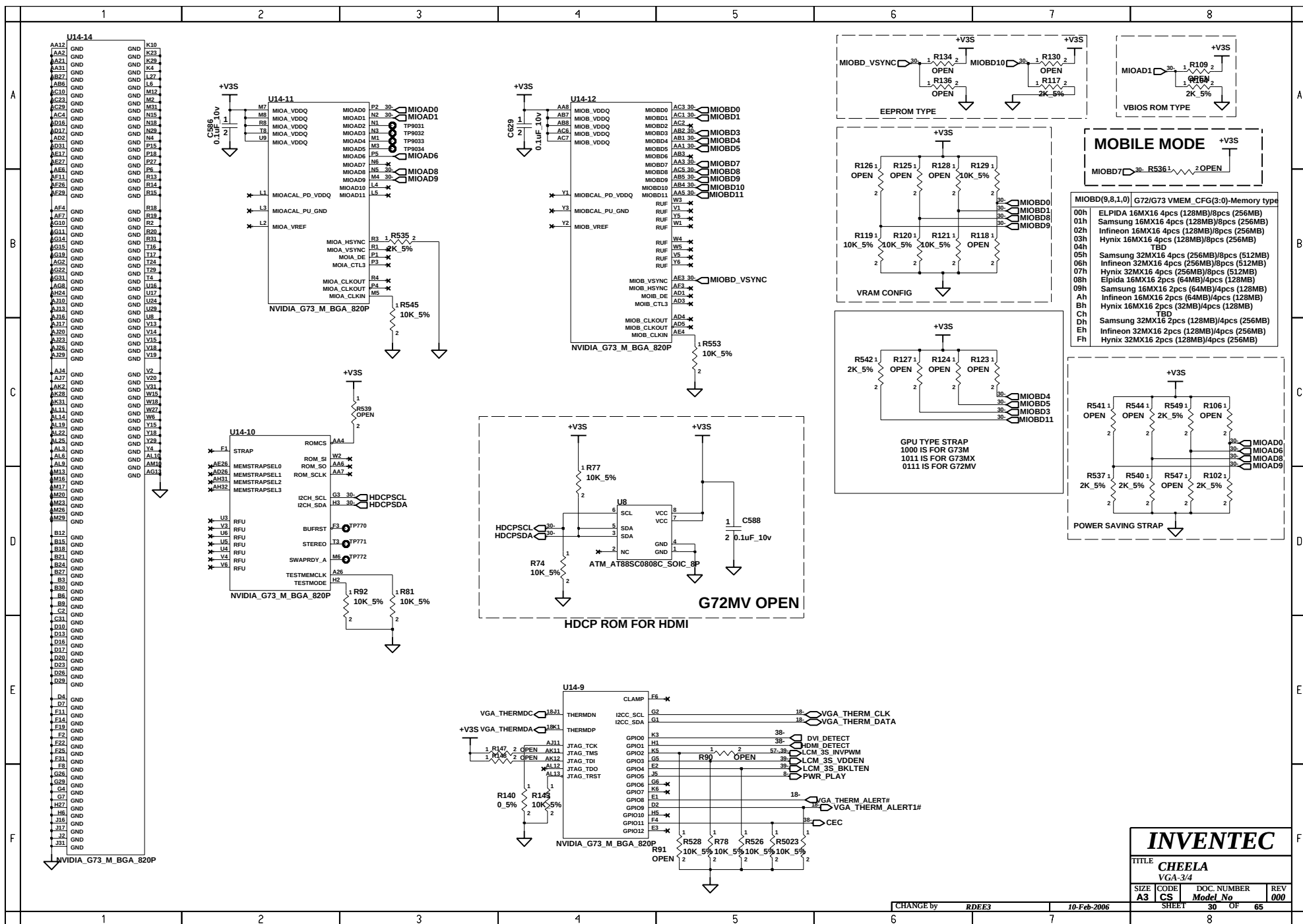


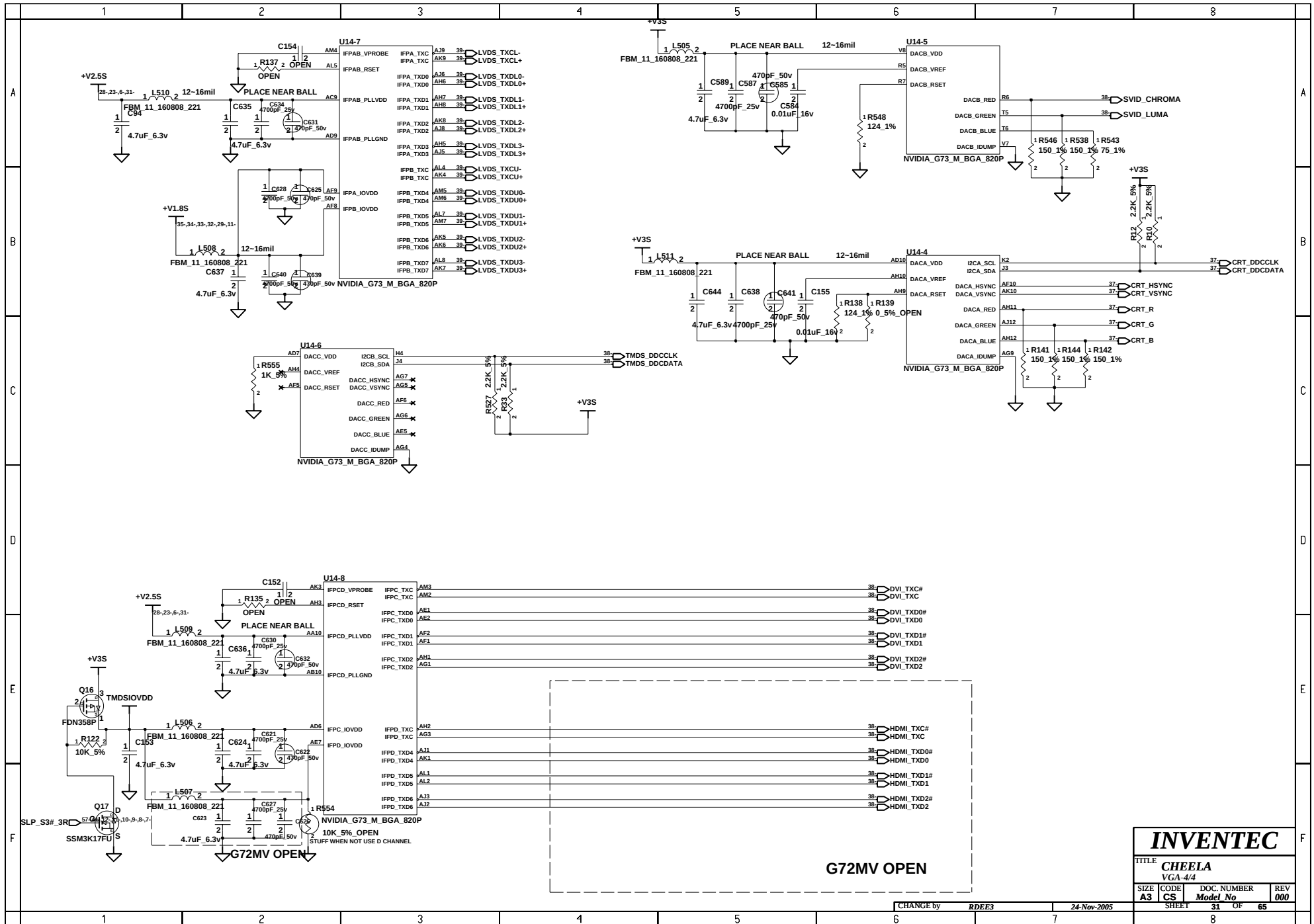


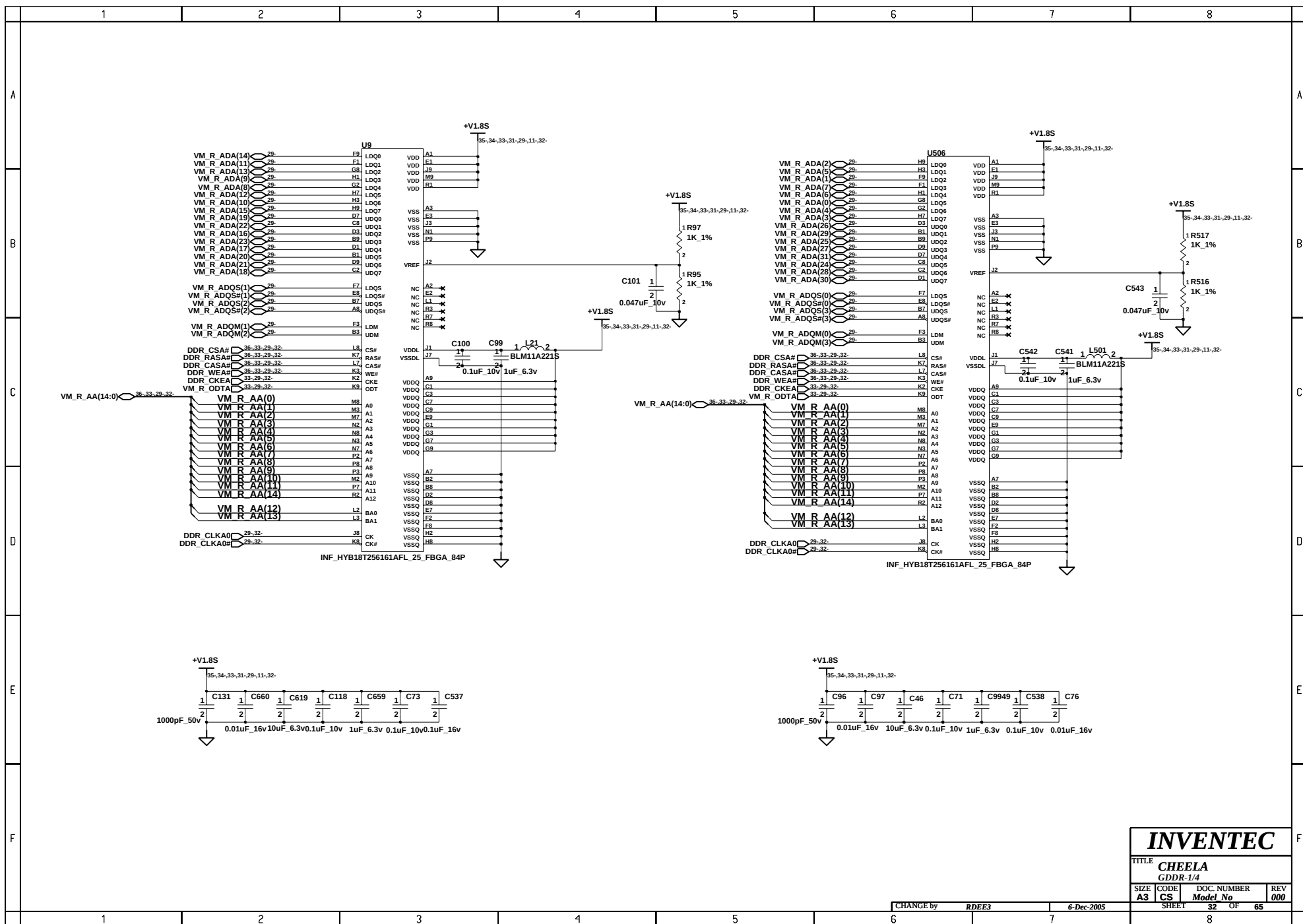
TITLE			
CHEELA DDR2-DAMPING			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

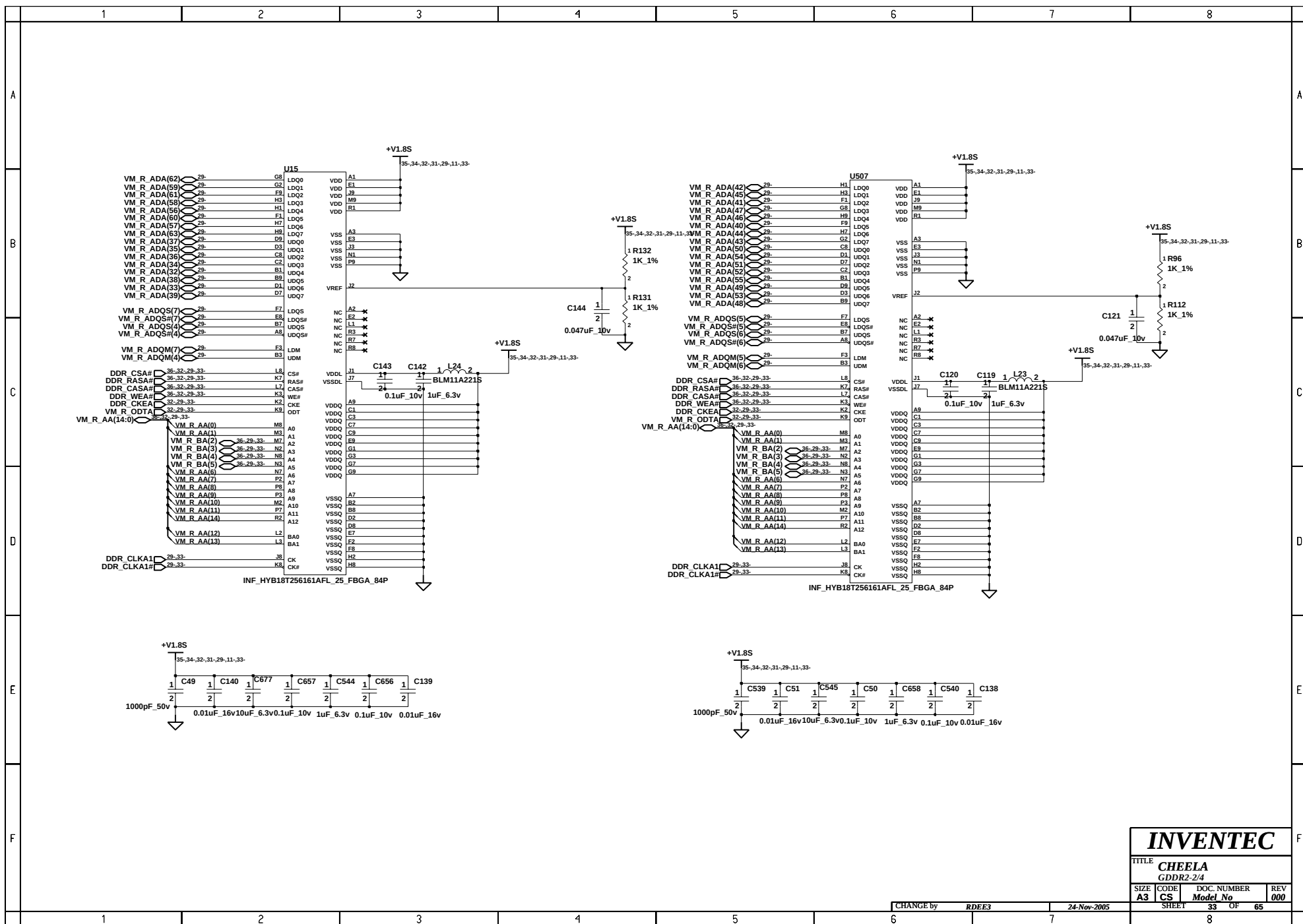


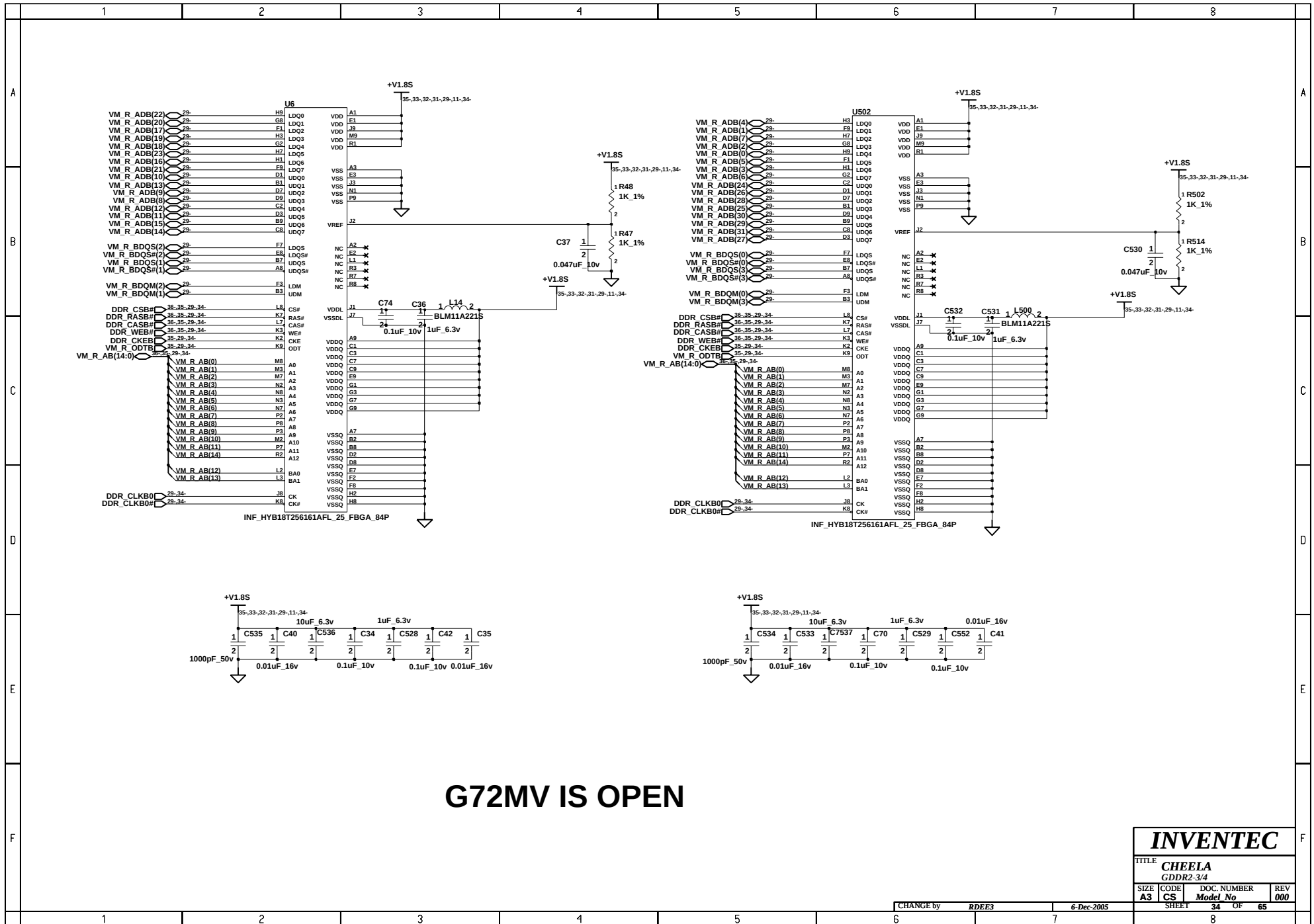


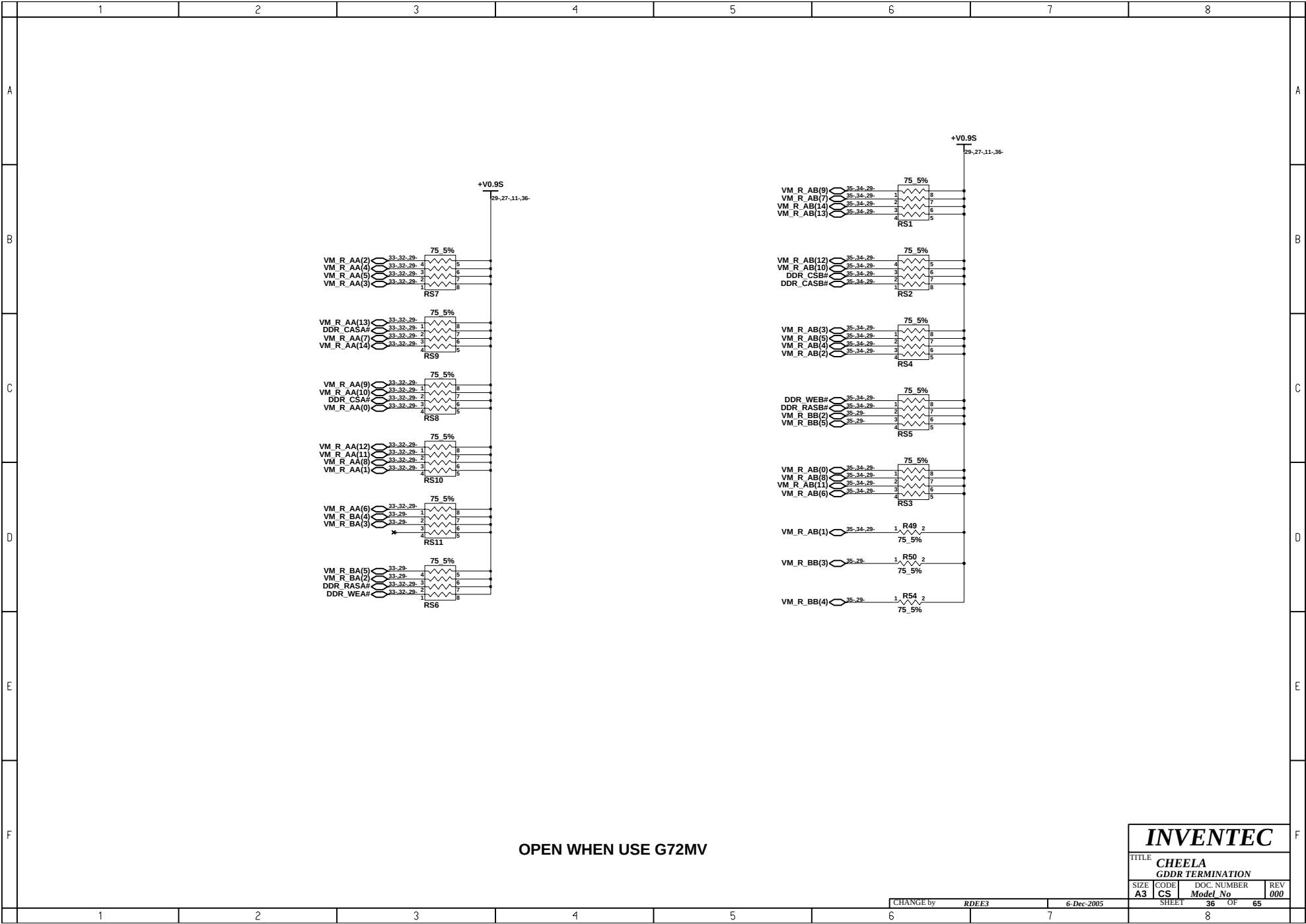










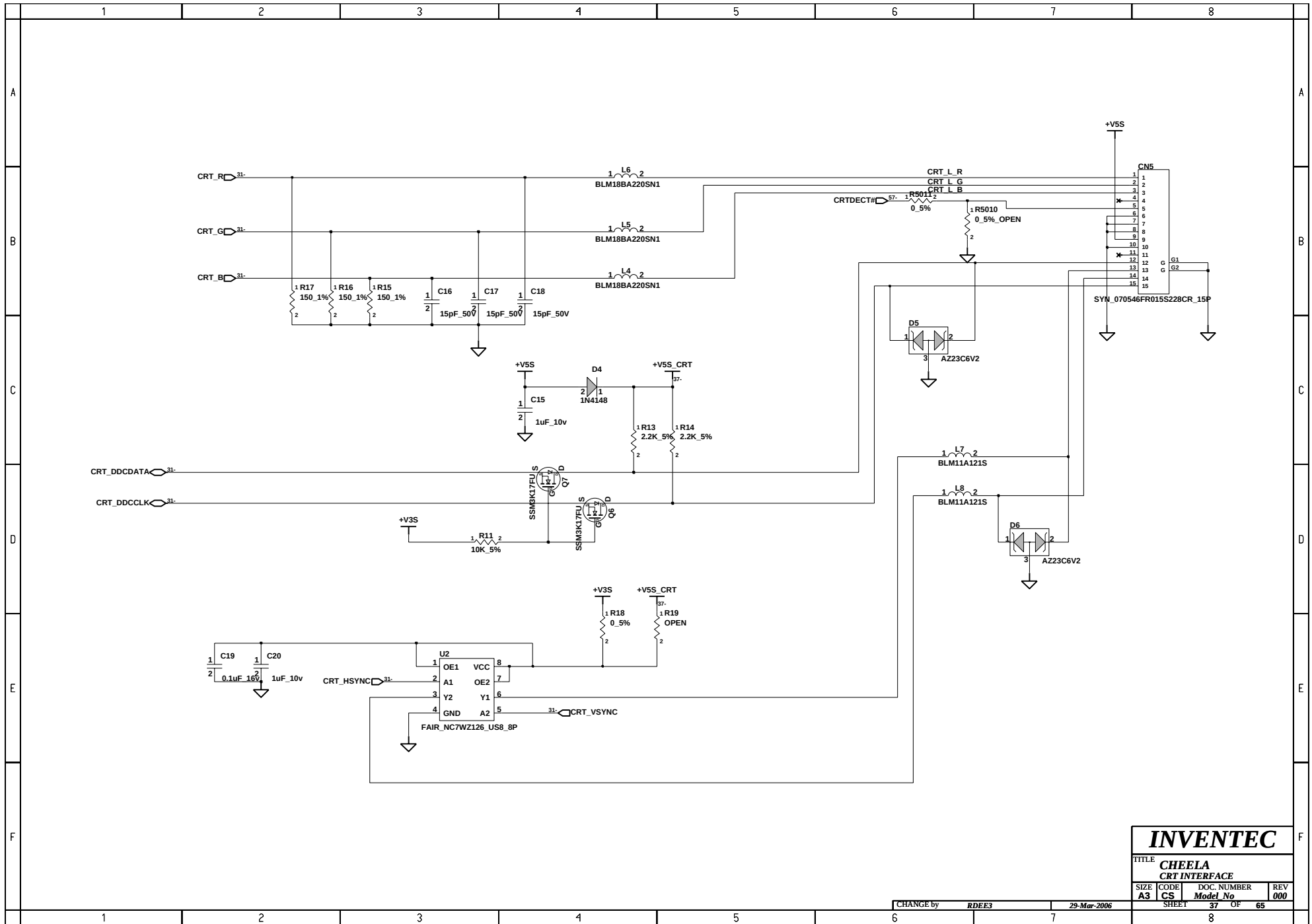


INVENTEC

TITLE
CHEELA
GDDR TERMINATION

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

CHANGE by	RDEE3	6-Dec-2005	SHEET 36 OF 65
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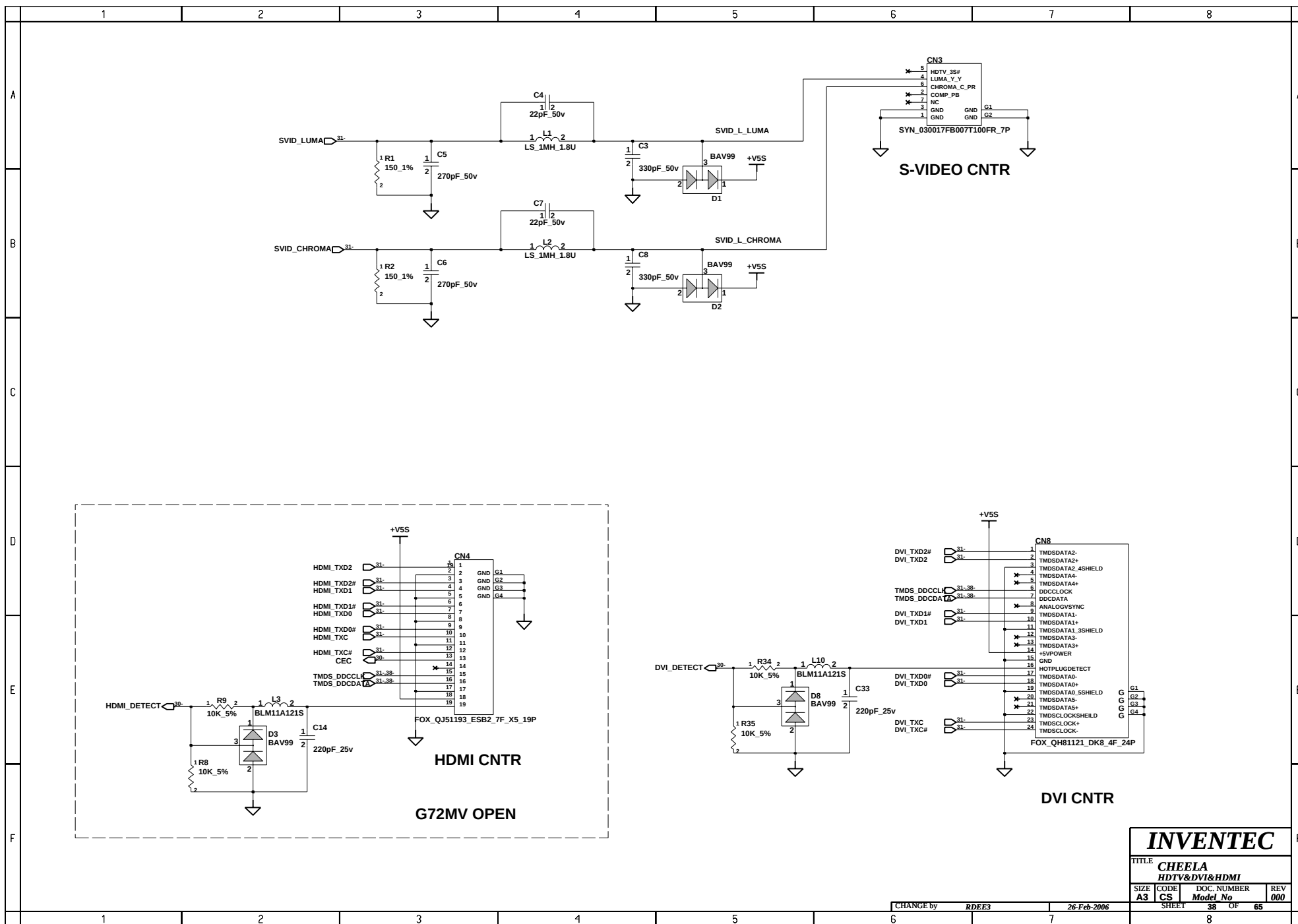


INVENTEC

TITLE CHEELA CRT INTERFACE			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000
SHEET 37		OF 65	

CHANGE by **RDEE3** 29-Mar-2006

8

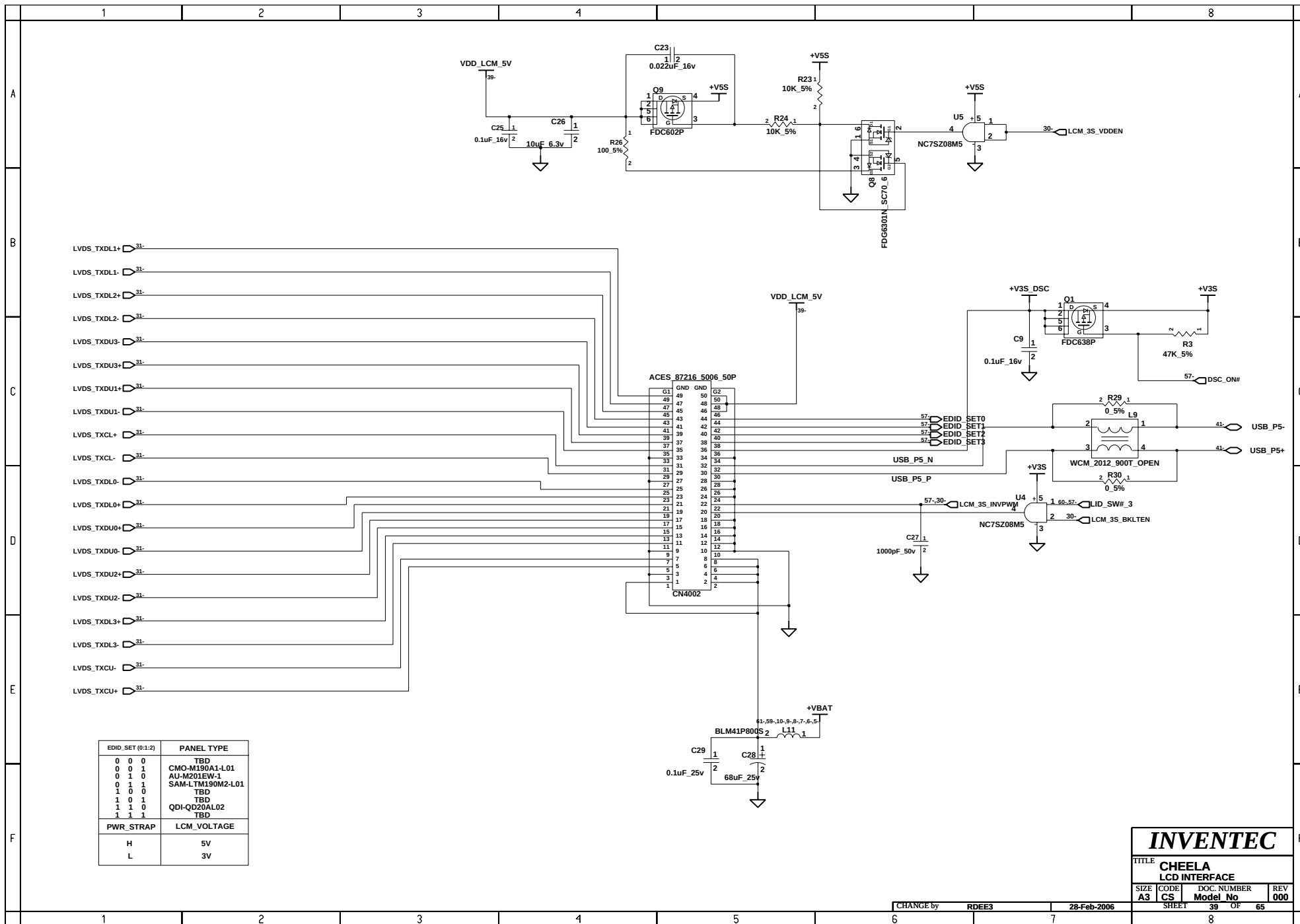


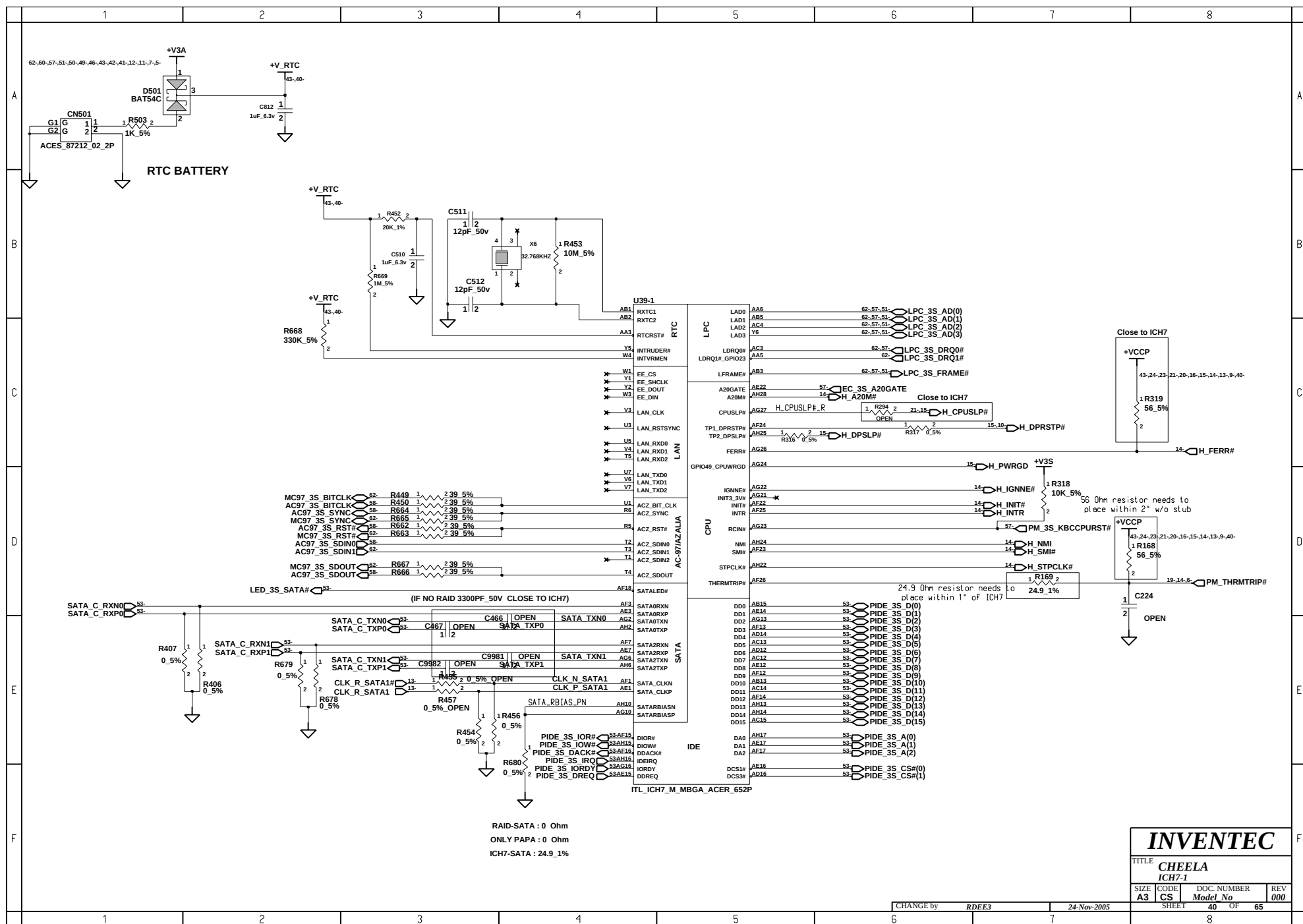
INVENTEC

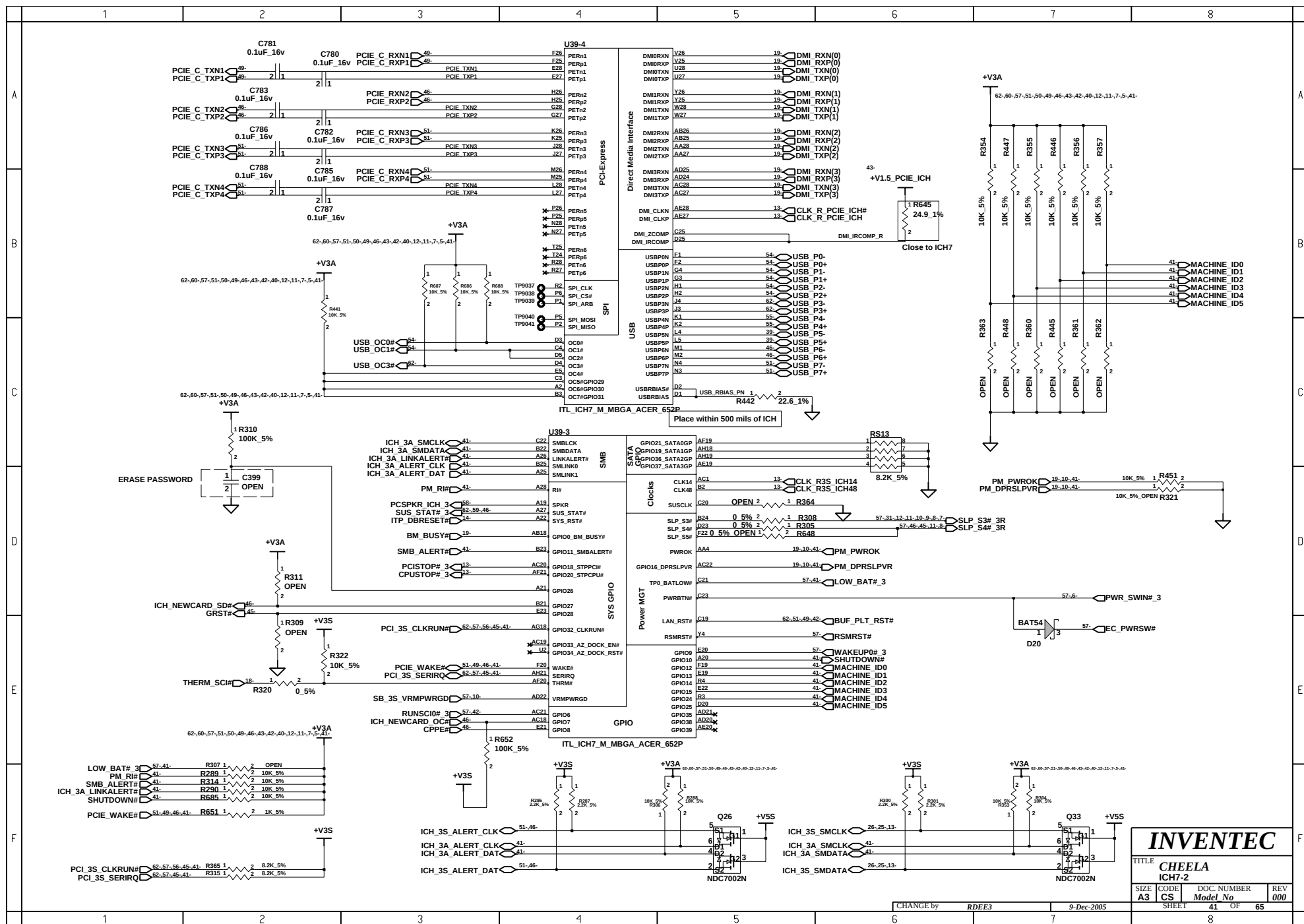
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SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000

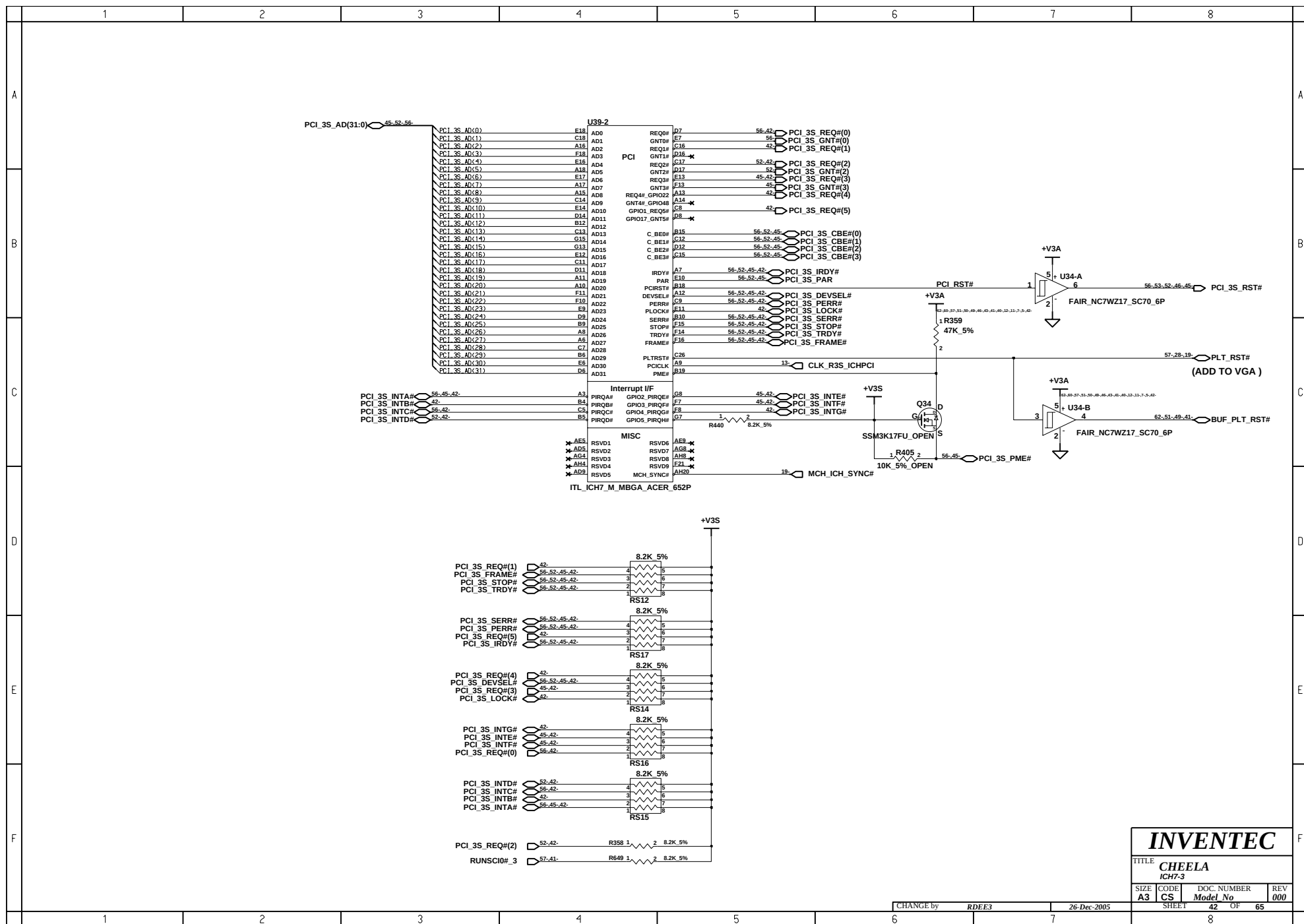
CHANGE by **RDEE3** 26-Feb-2006

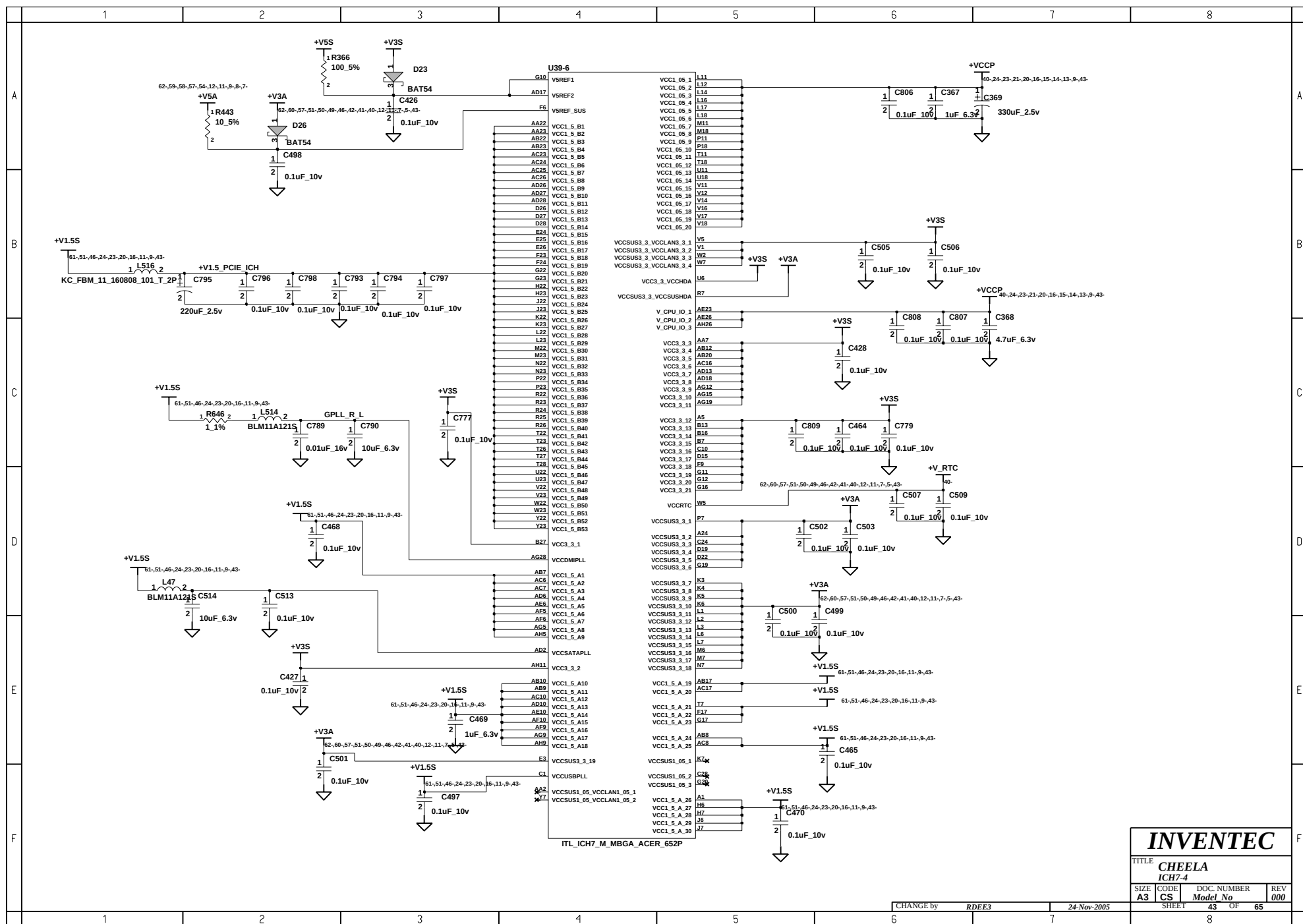
SHEET **38** OF **65**











	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
J24	VSS49	VSS146
J25	VSS50	VSS147
J26	VSS51	VSS148
K24	VSS52	VSS149
K27	VSS53	VSS150
K28	VSS54	VSS151
L13	VSS55	VSS152
L15	VSS56	VSS153
L24	VSS57	VSS154
L25	VSS58	VSS155
L26	VSS59	VSS156
L28	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
N28	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

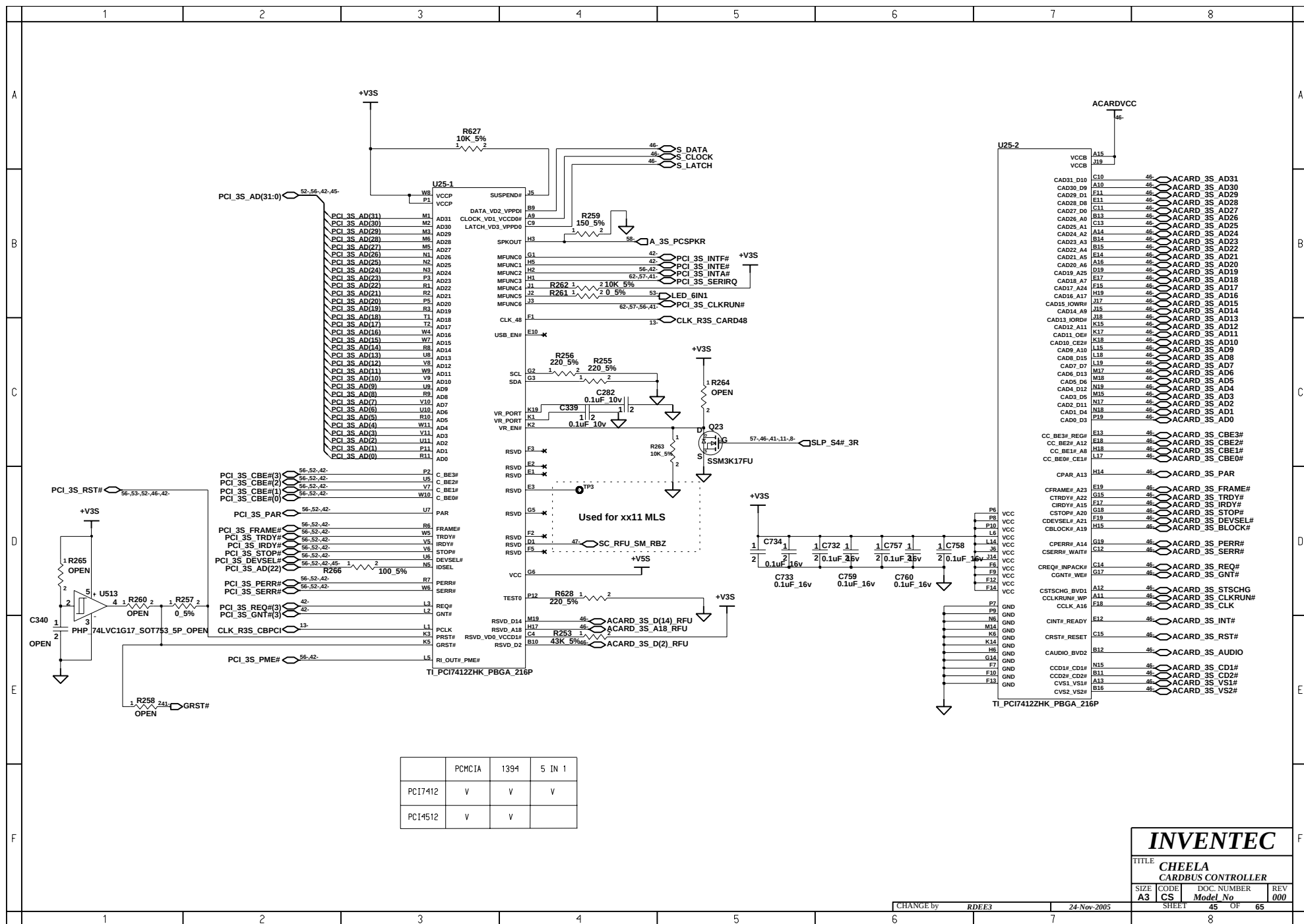
SIZE
A3

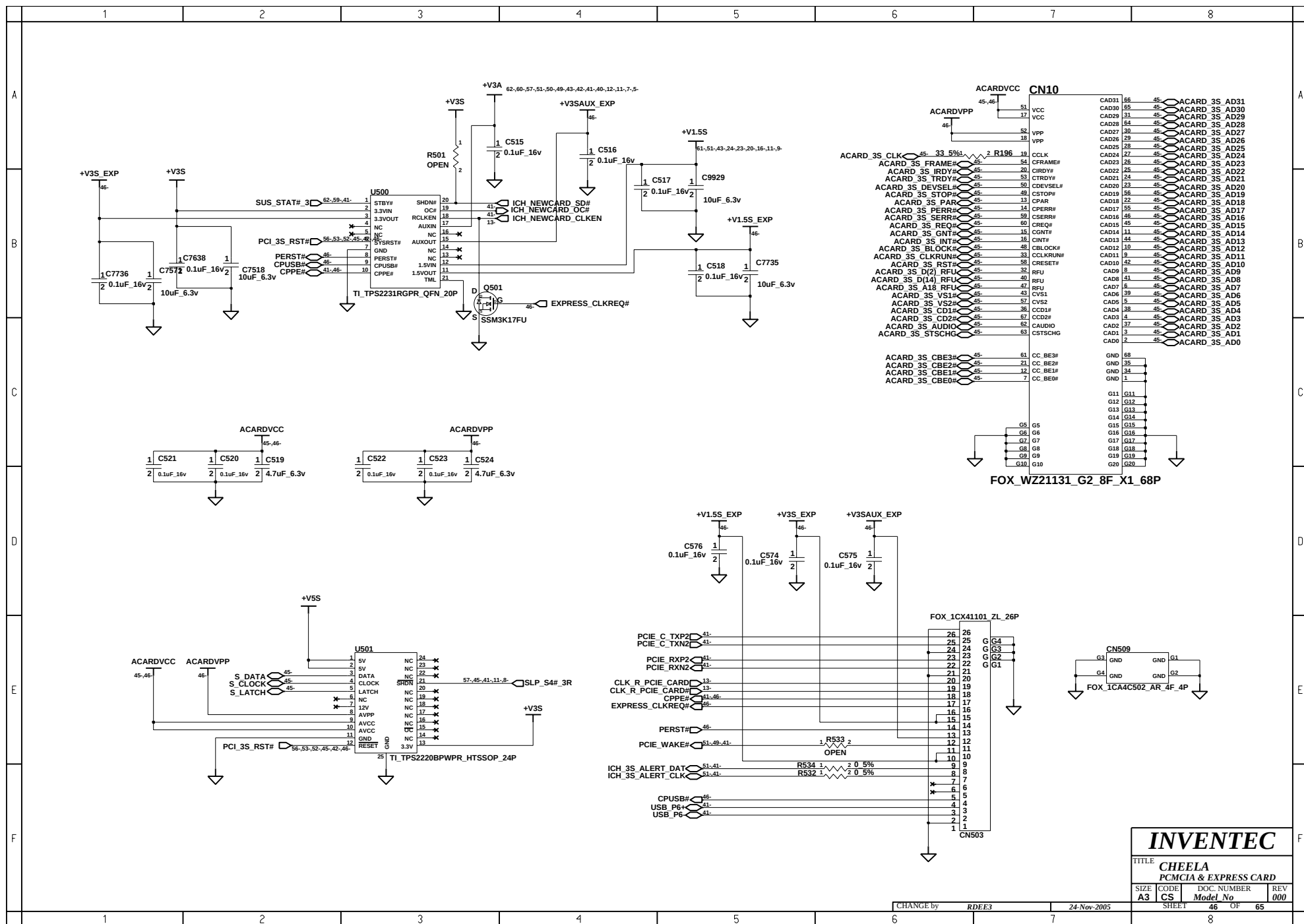
CODE
CS

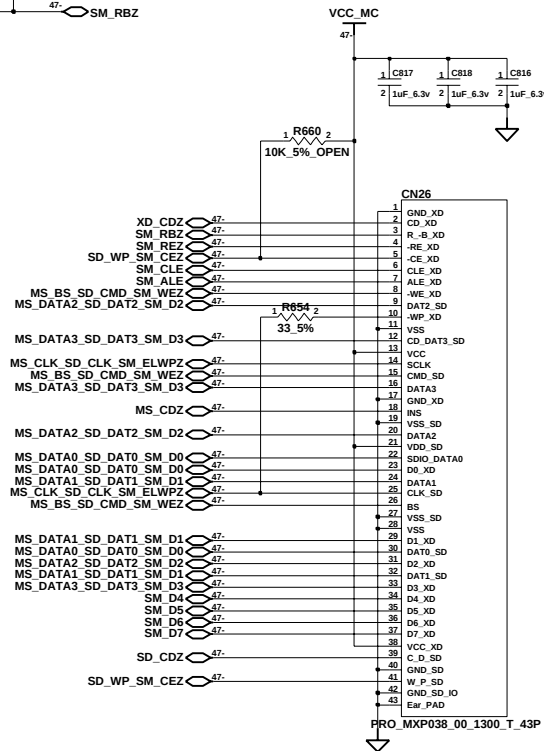
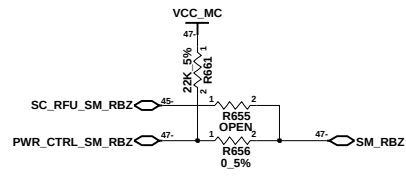
DOC. NUMBER
Model No

REV
000

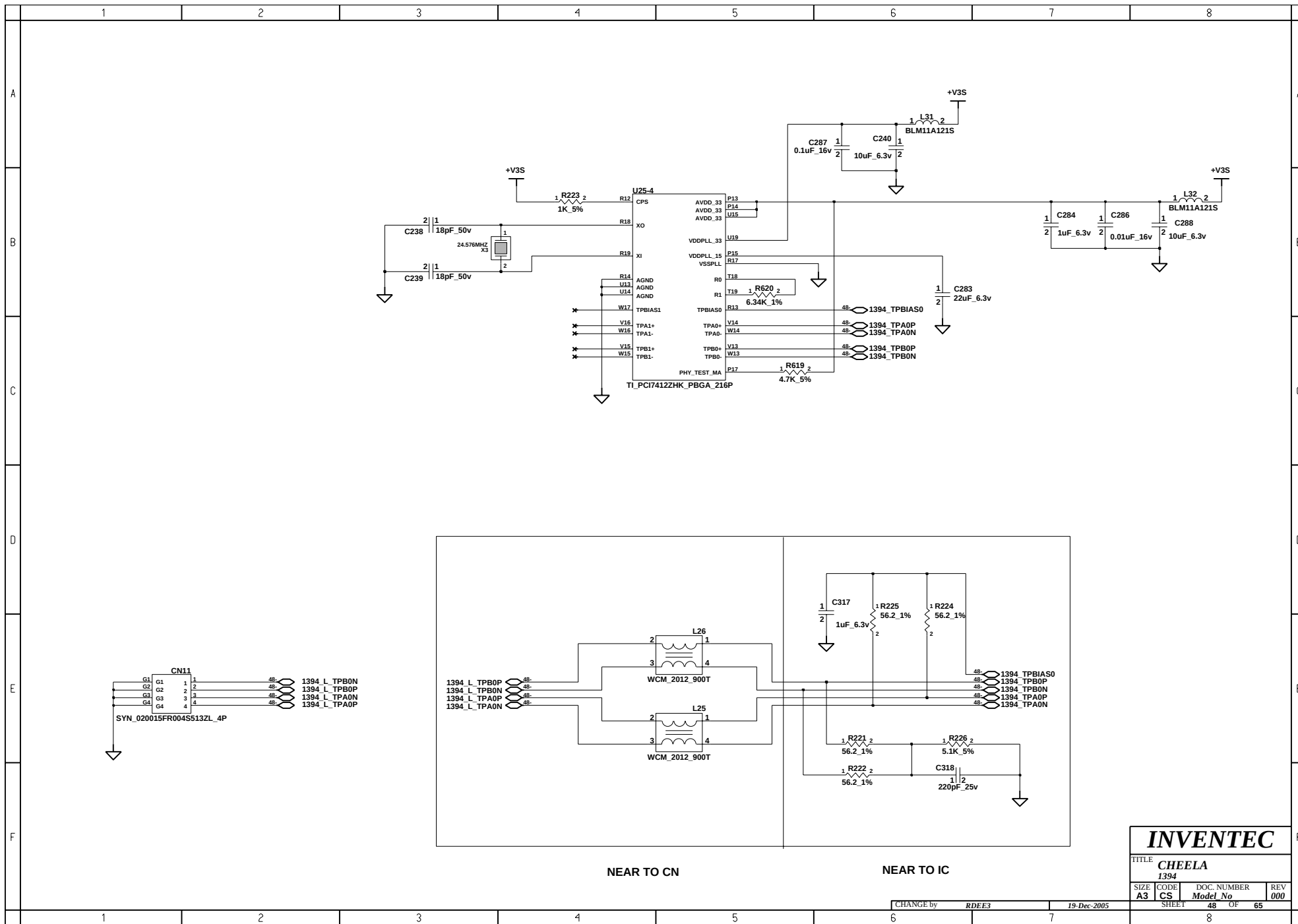
SHEET 44 OF 65



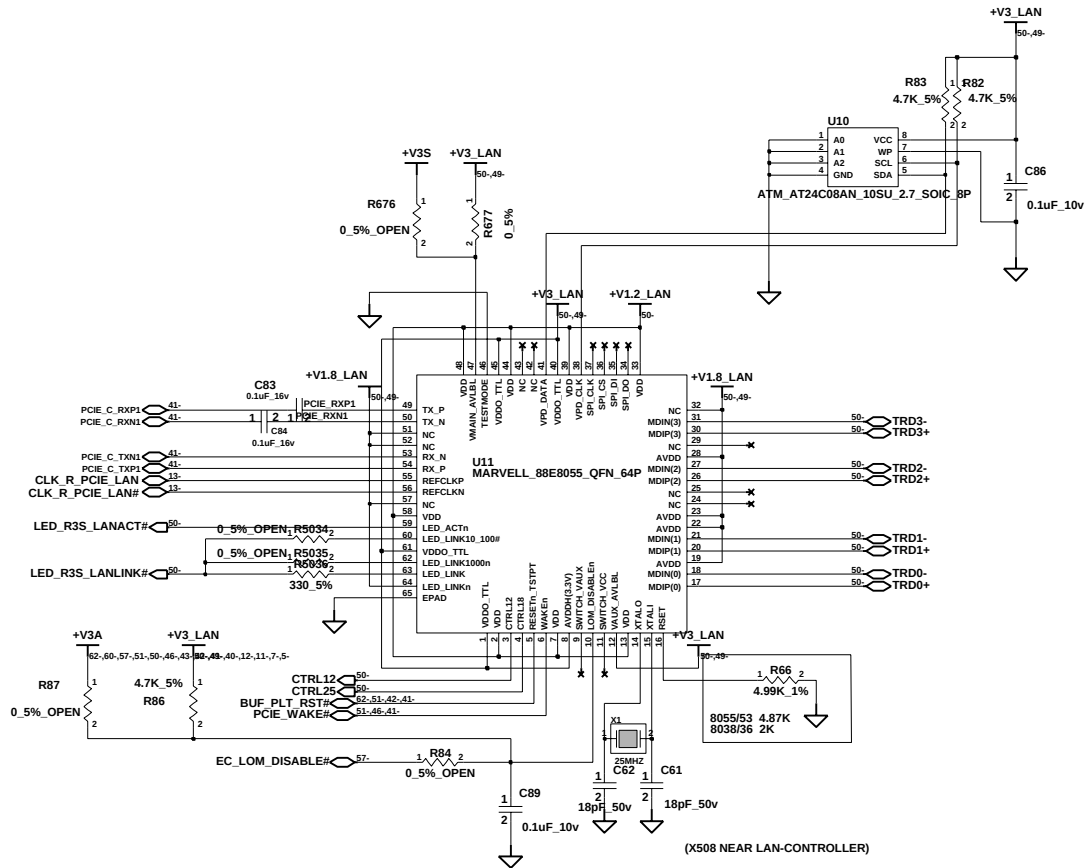




CHANGE by	<i>RDEE3</i>	24-Nov-2005
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INVENTEC			
TITLE CHEELA			
1394			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000
CHANGE by RDEE3		19-Dec-2005	
SHEET 48		OF 65	

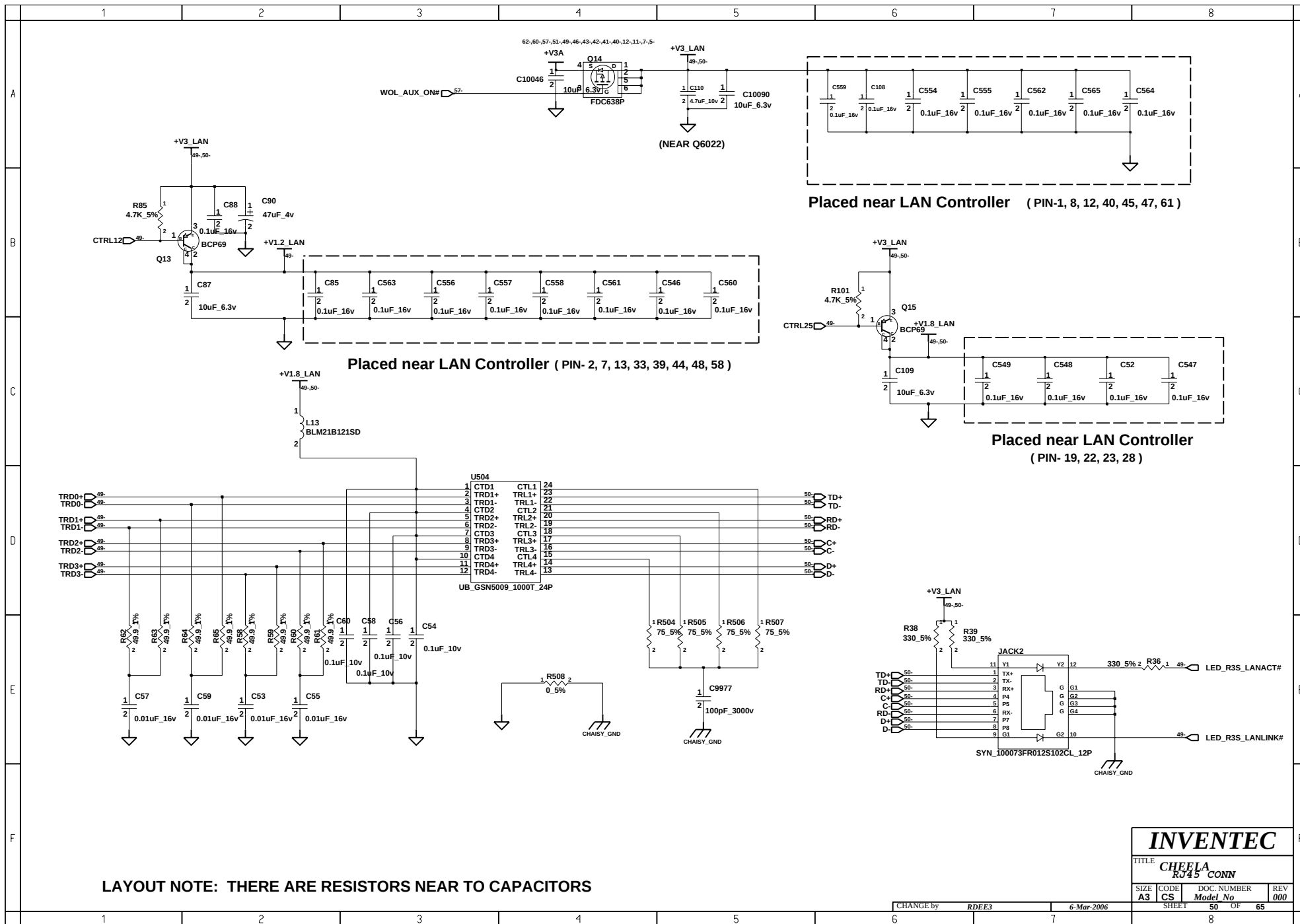


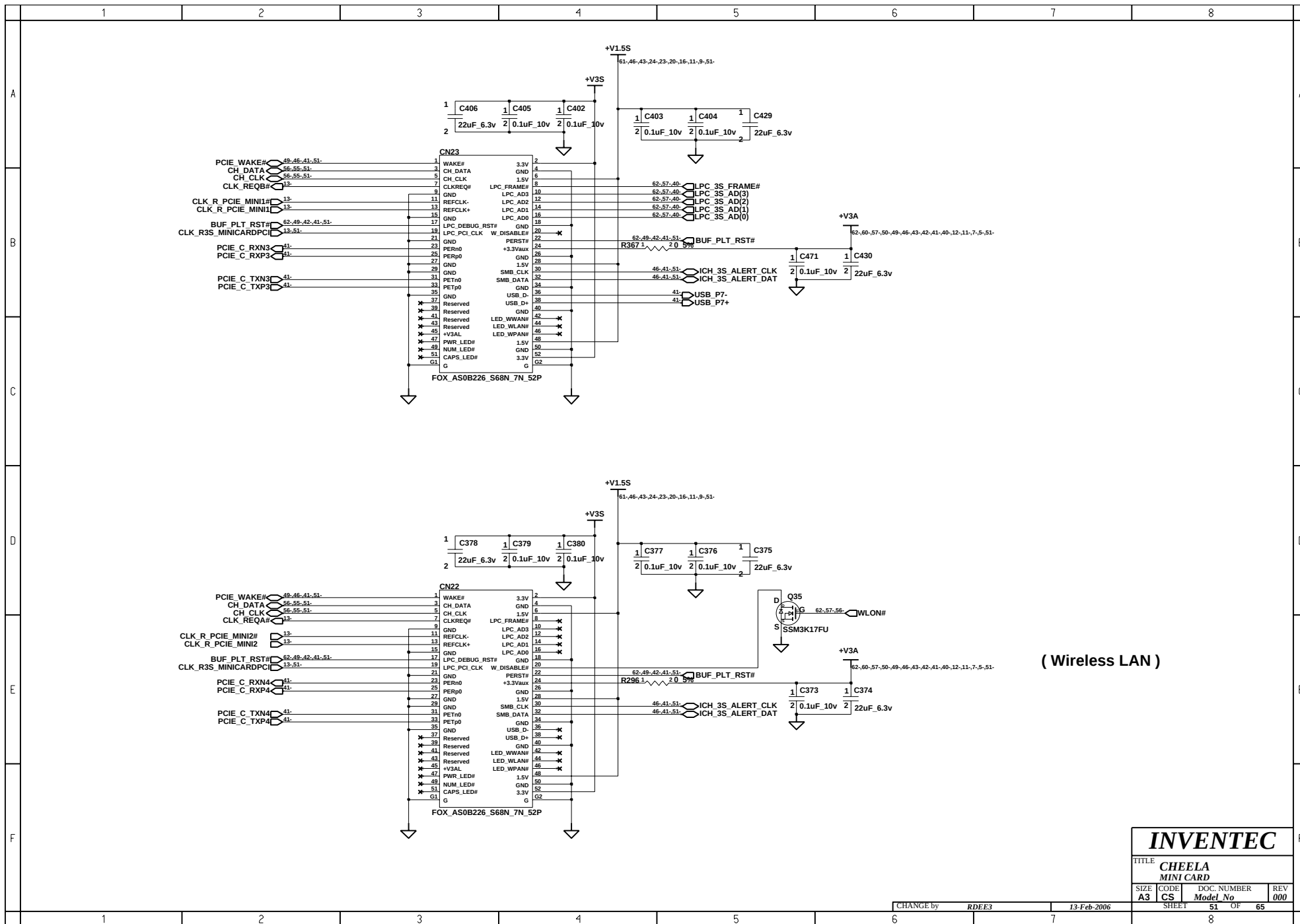
INVENTEC

TITLE			
CHEELA			
LAN CONTROLLER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

CHANGE by RDEE3 24-Nov-2005

SHEET 49 OF 65





(Wireless LAN)

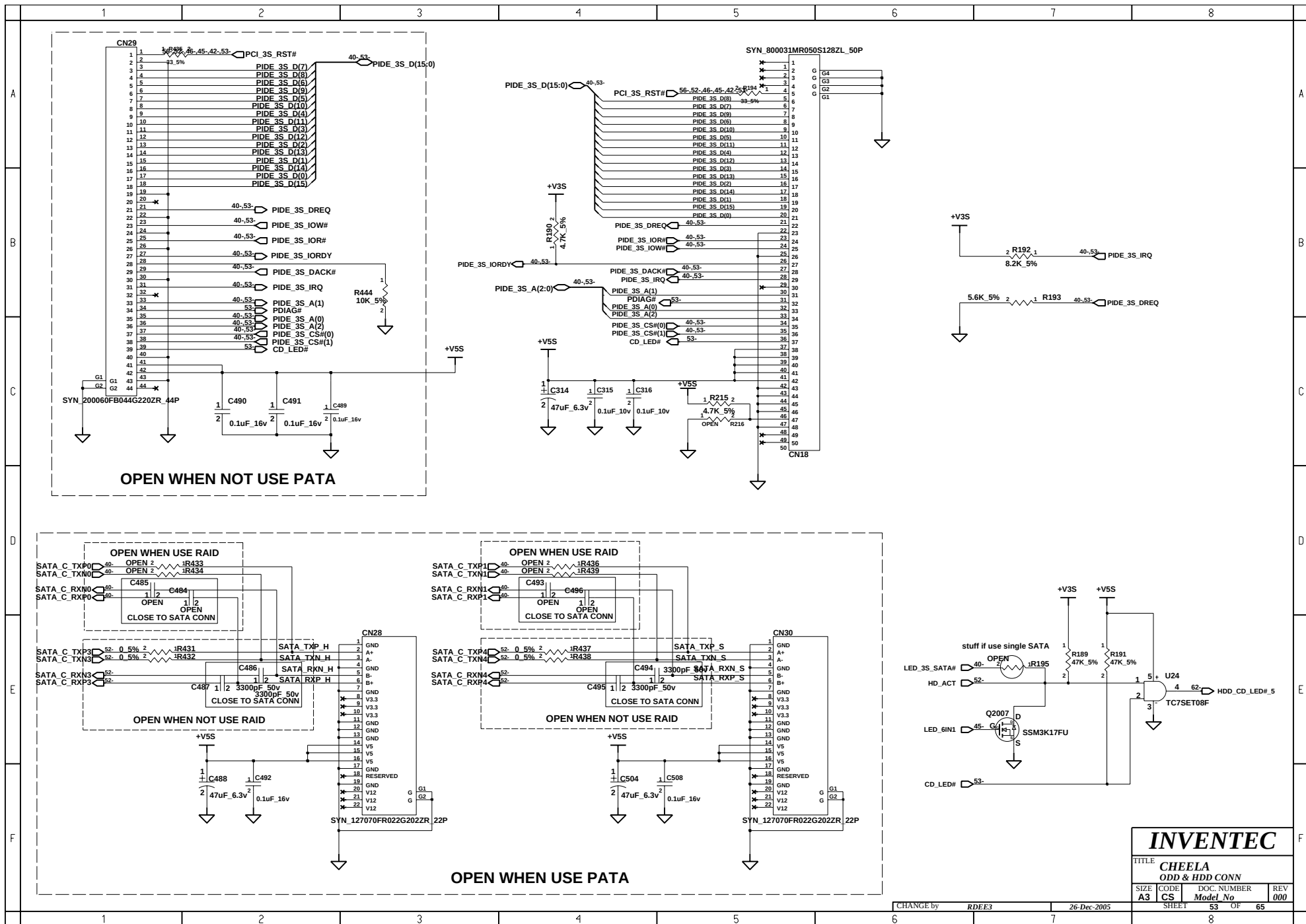
INVENTEC

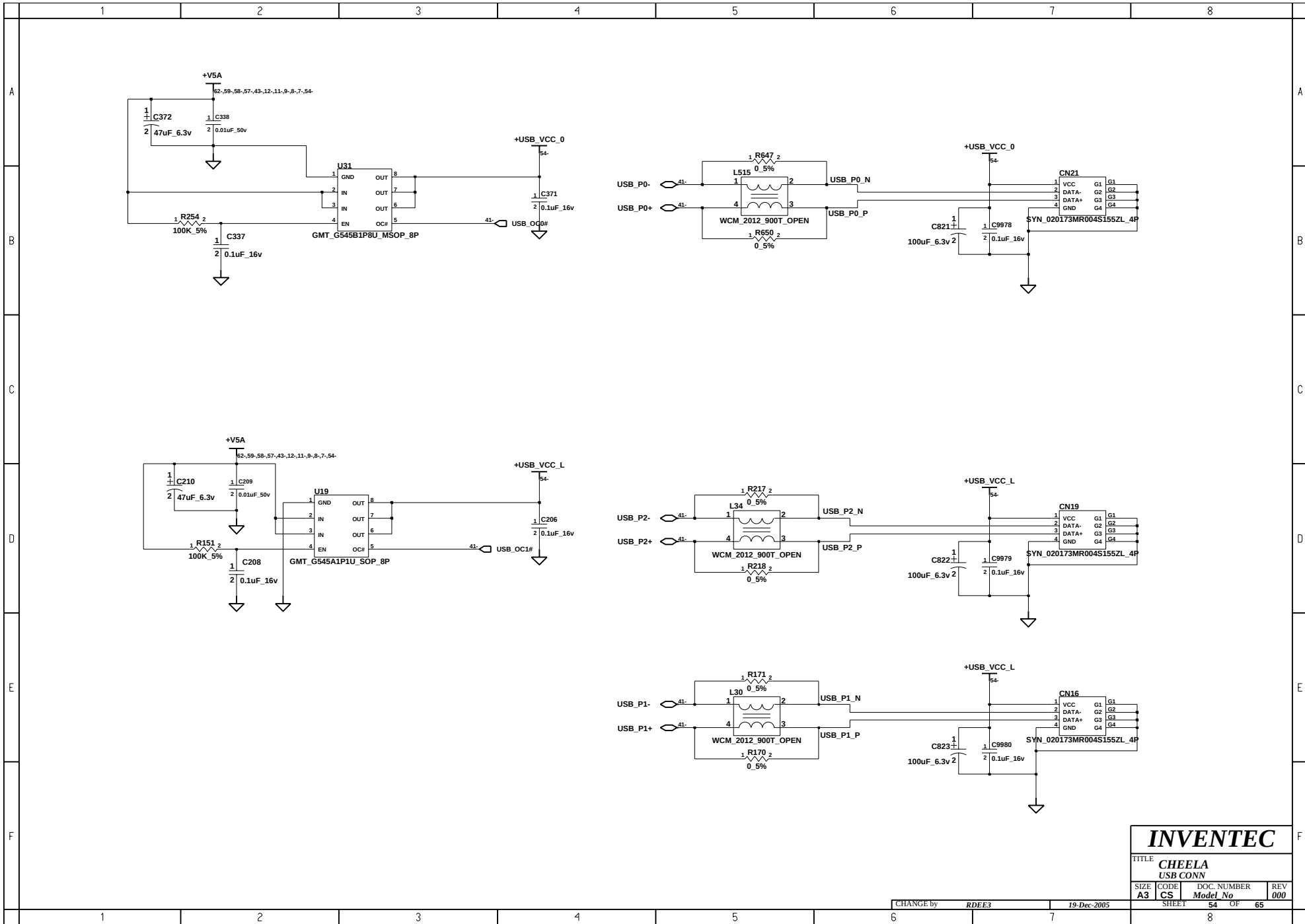
TITLE
**CHEELA
MINI CARD**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

CHANGE by **RDEE3** 13-Feb-2006

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





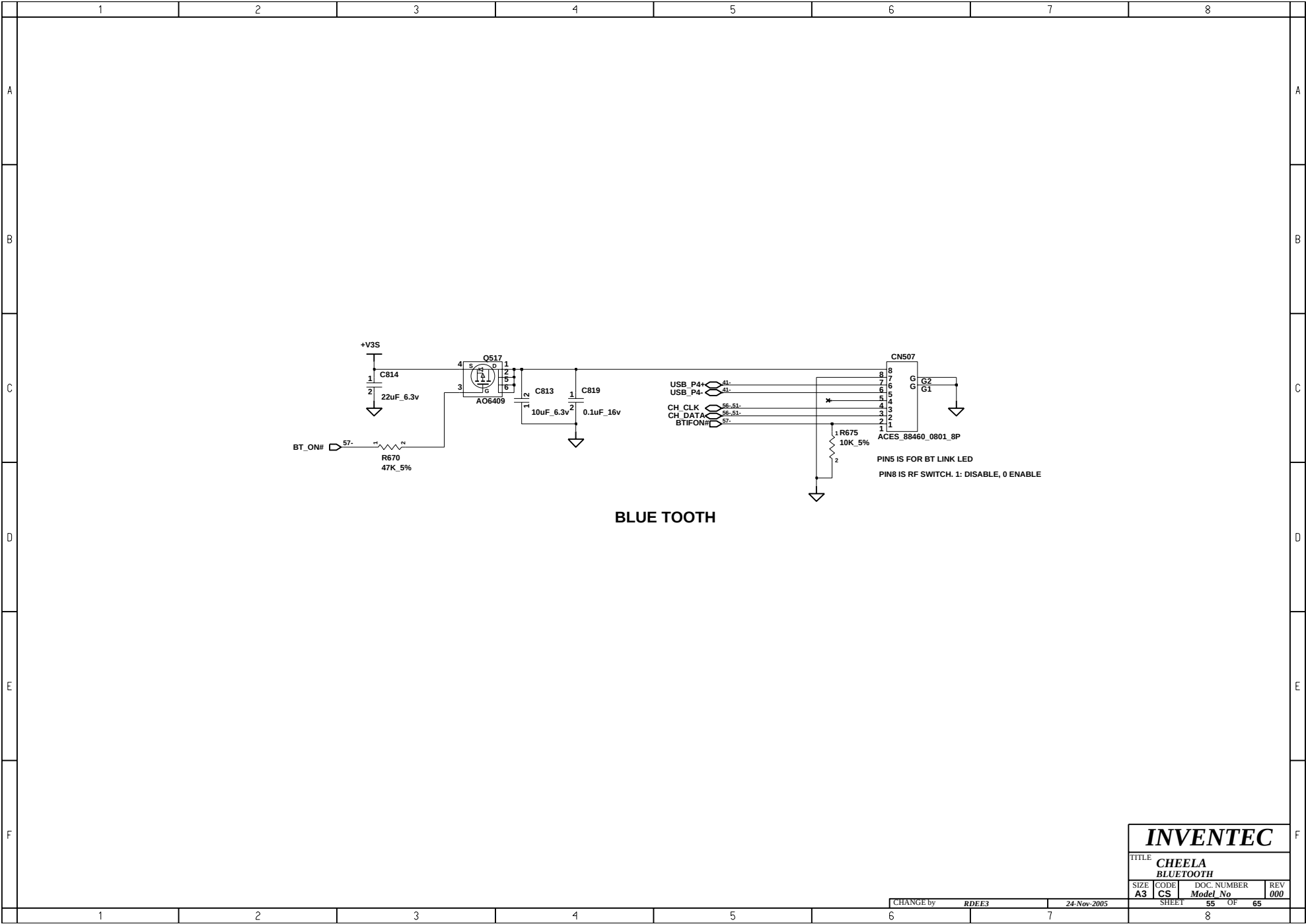
INVENTEC

TITLE
CHEELA
USB CONN

SIZE CODE DOC. NUMBER REV
A3 CS Model No 000

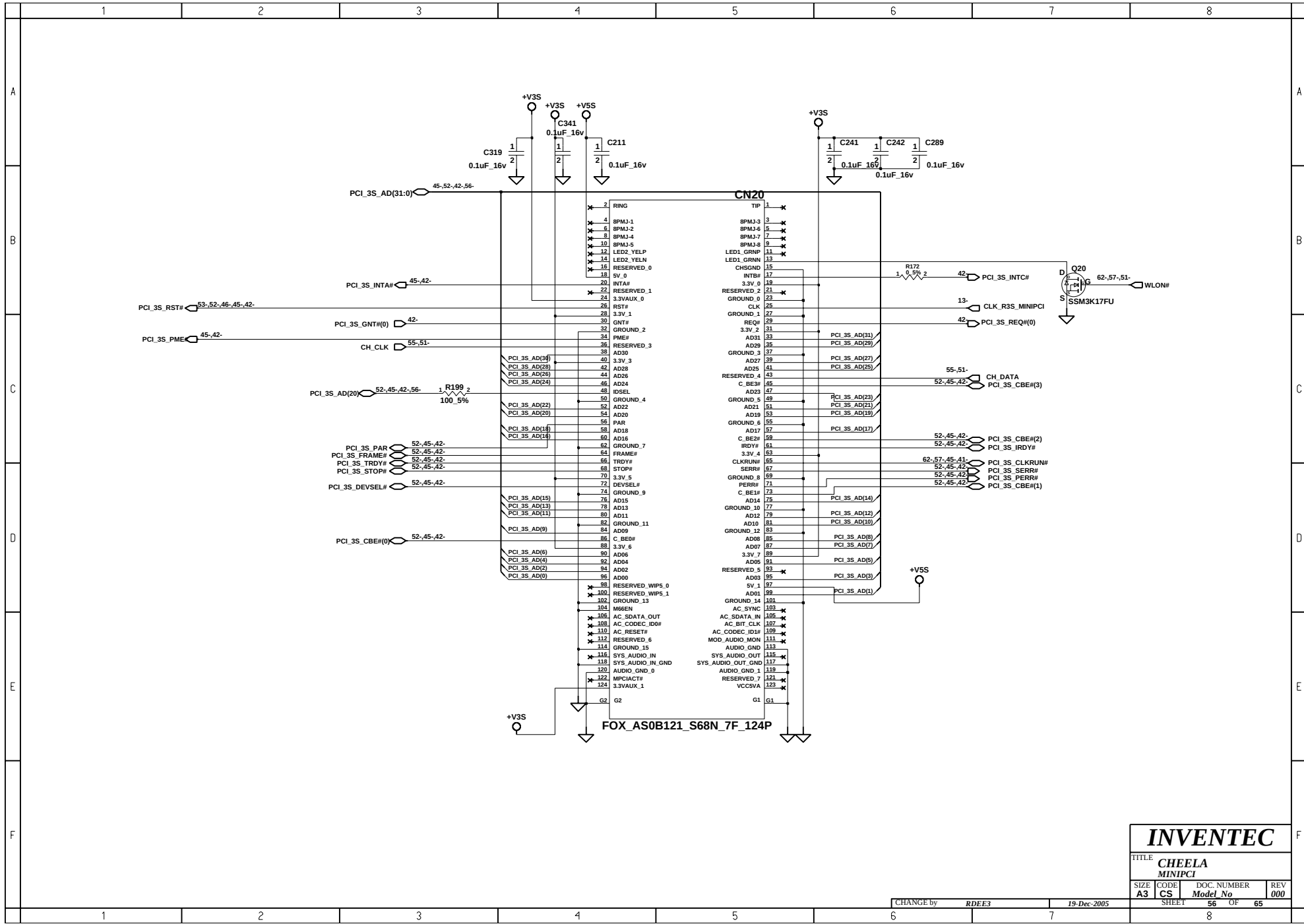
CHANGE by **RDEE3** 19-Dec-2005

SHEET 54 OF 65



INVENTEC

TITLE			
CHEELA			
BLUETOOTH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000
SHEET	55	OF	65

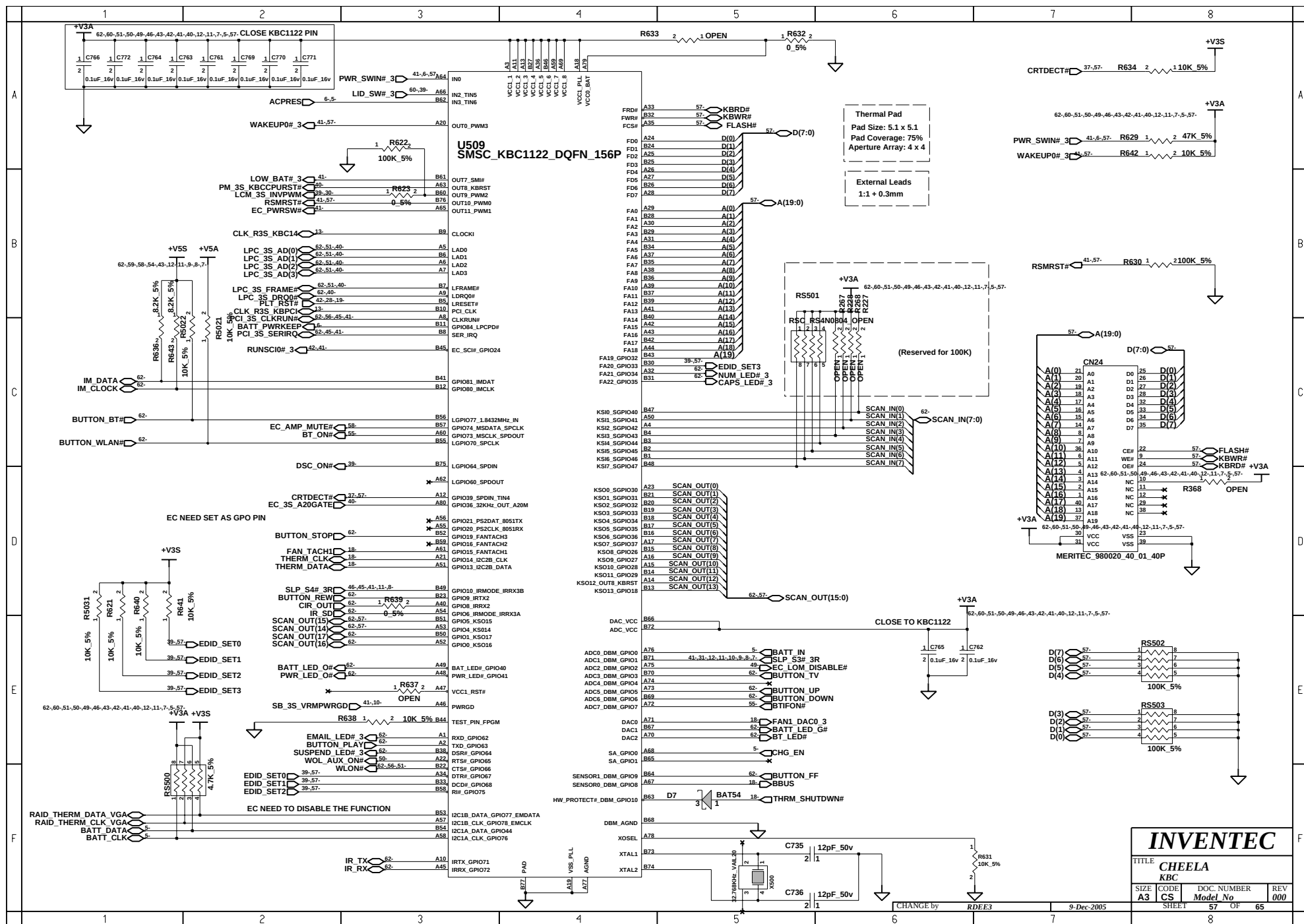


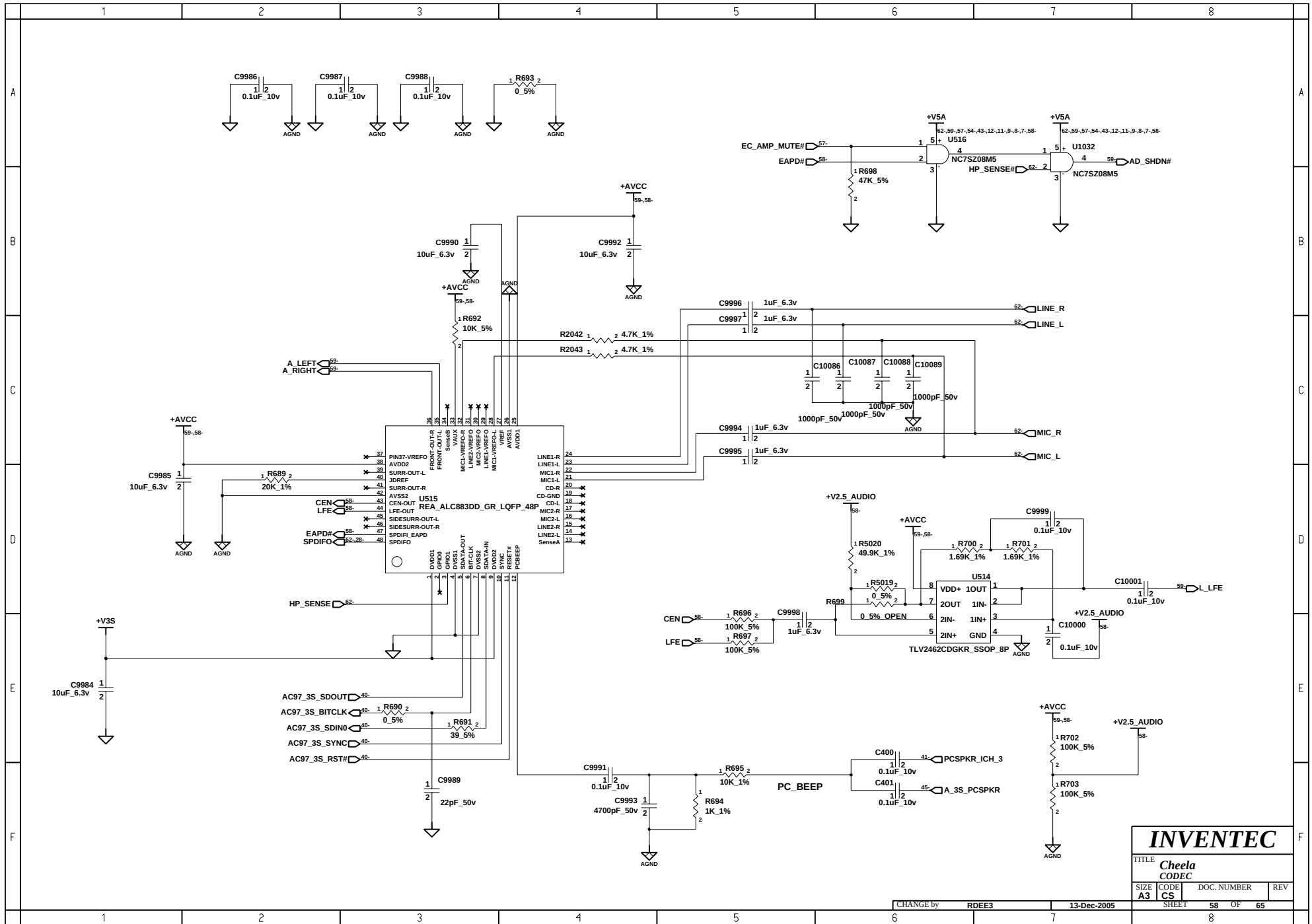
INVENTEC

TITLE			
CHEELA			
MINIPCI			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

CHANGE by RDEE3 19-Dec-2005

SHEET 56 OF 65

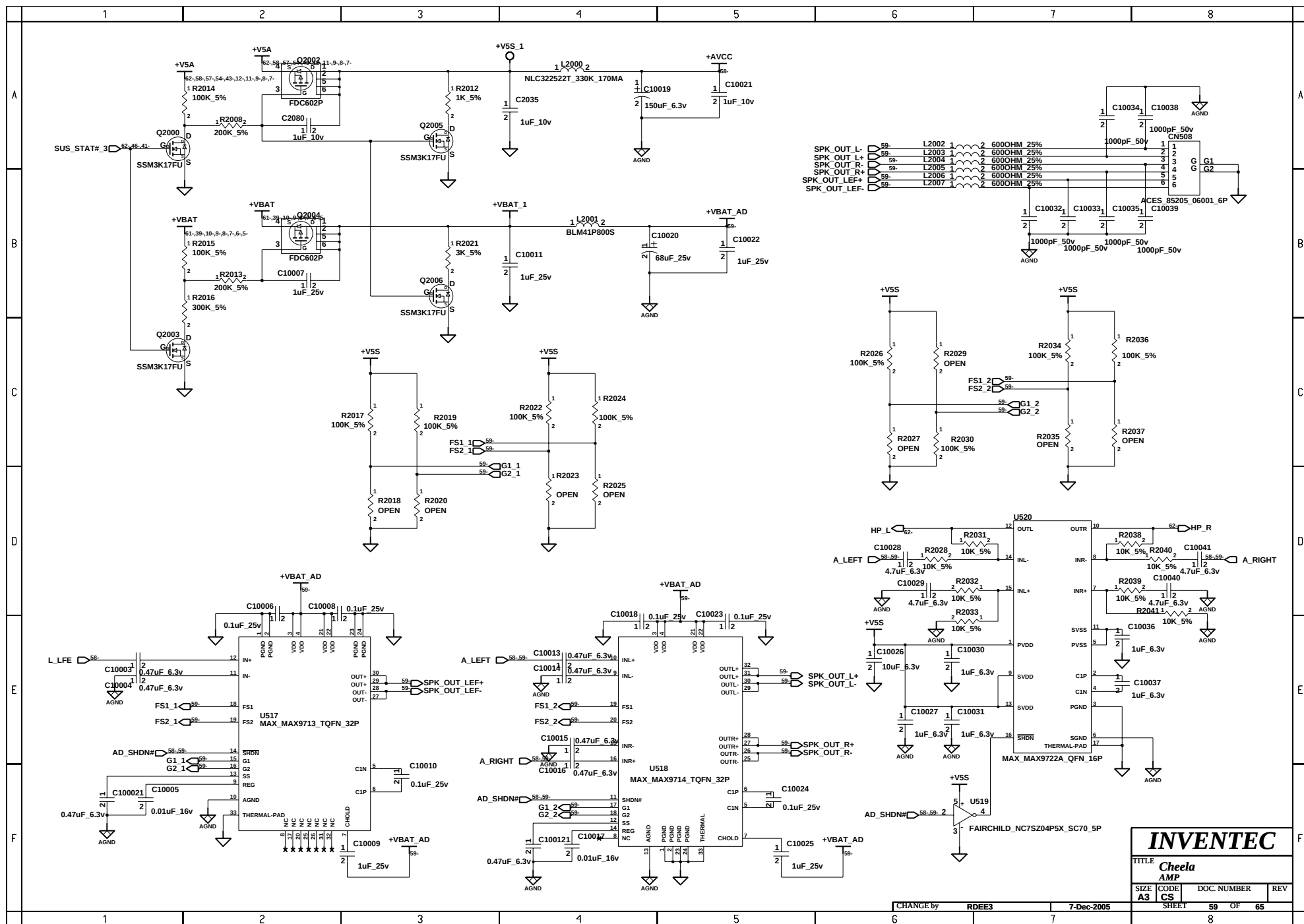


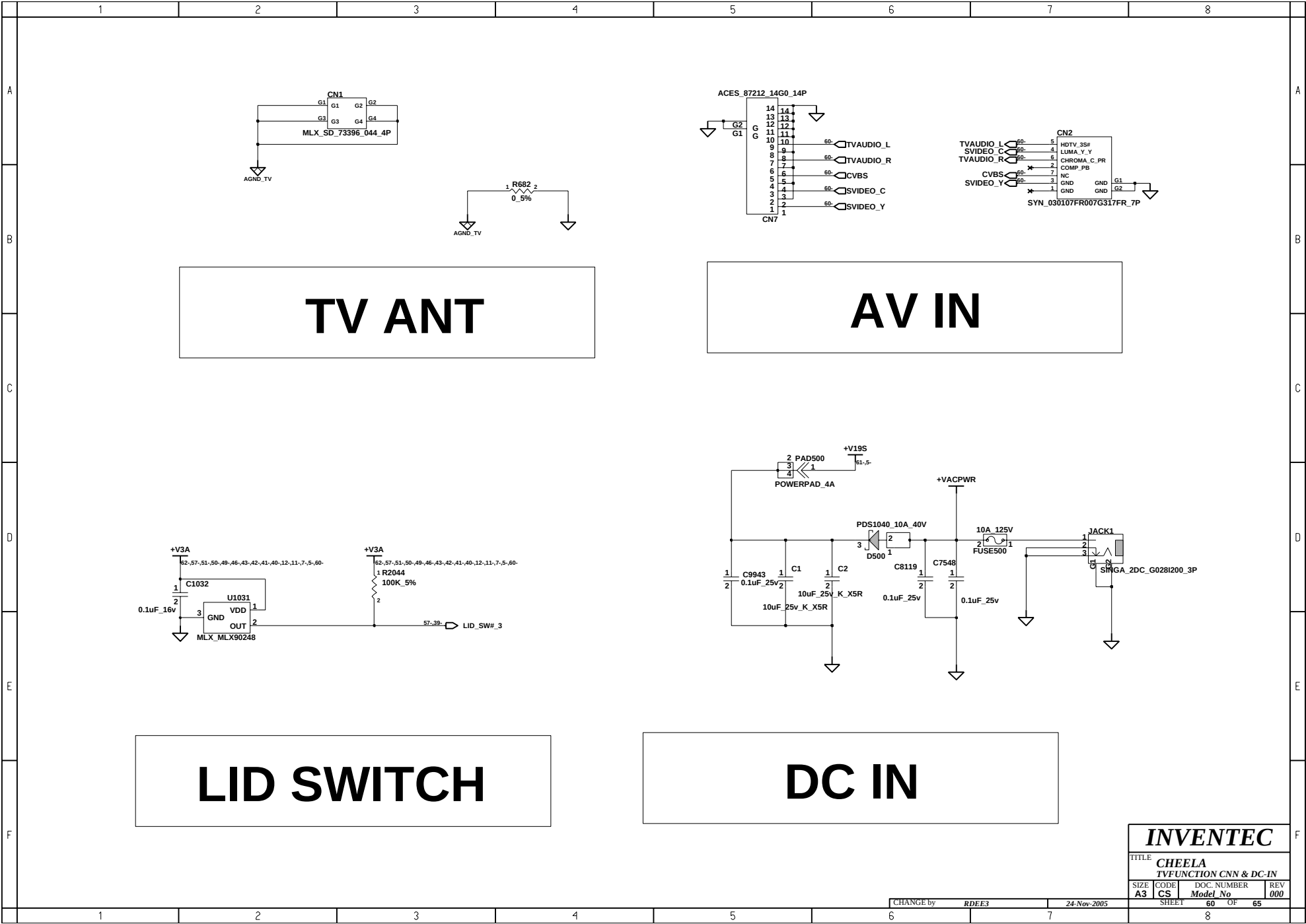


INVENTEC

TITLE Cheela CODEC			
SIZE A3	CODE CS	DOC. NUMBER SHEET 58 OF 65	REV

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



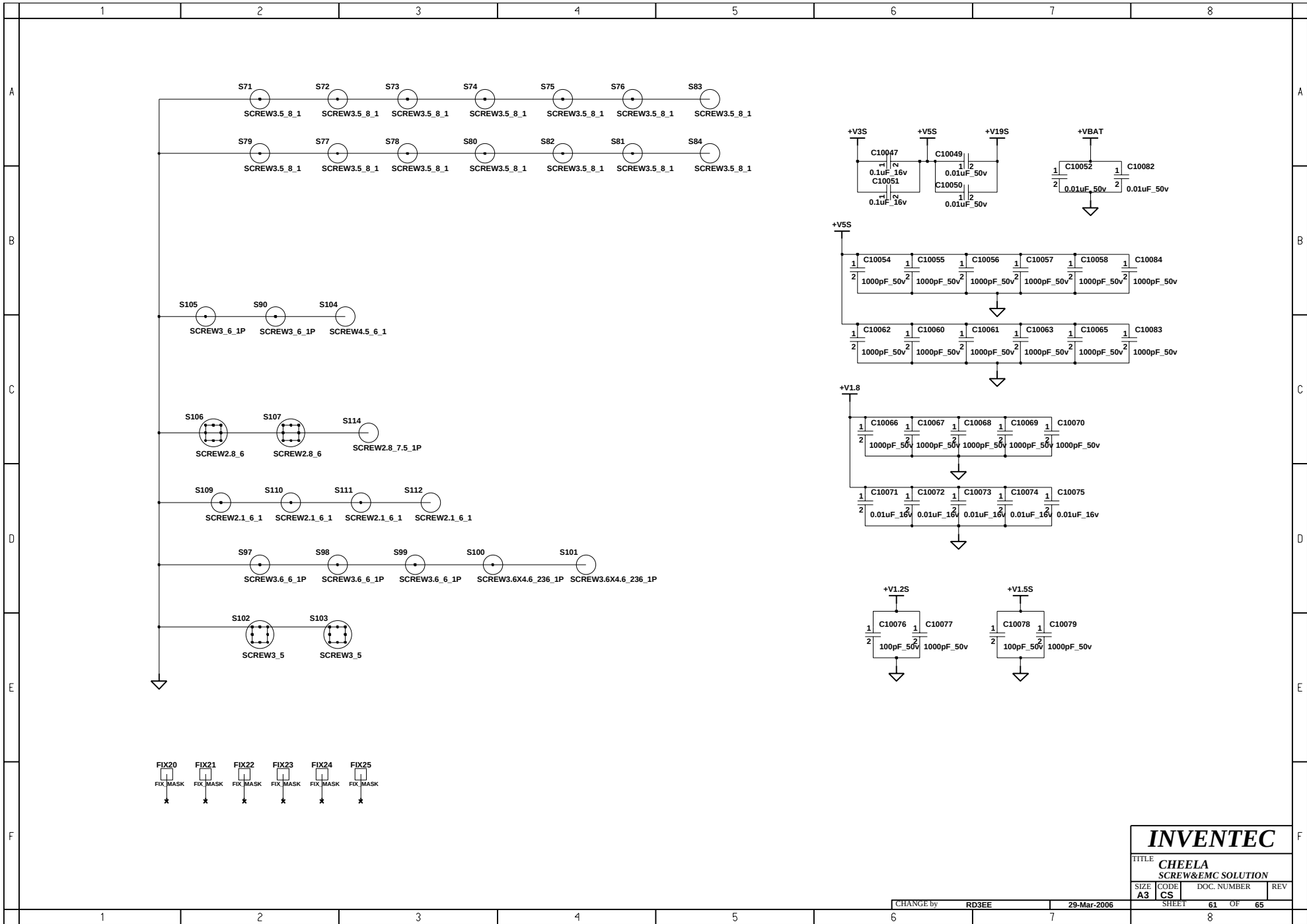


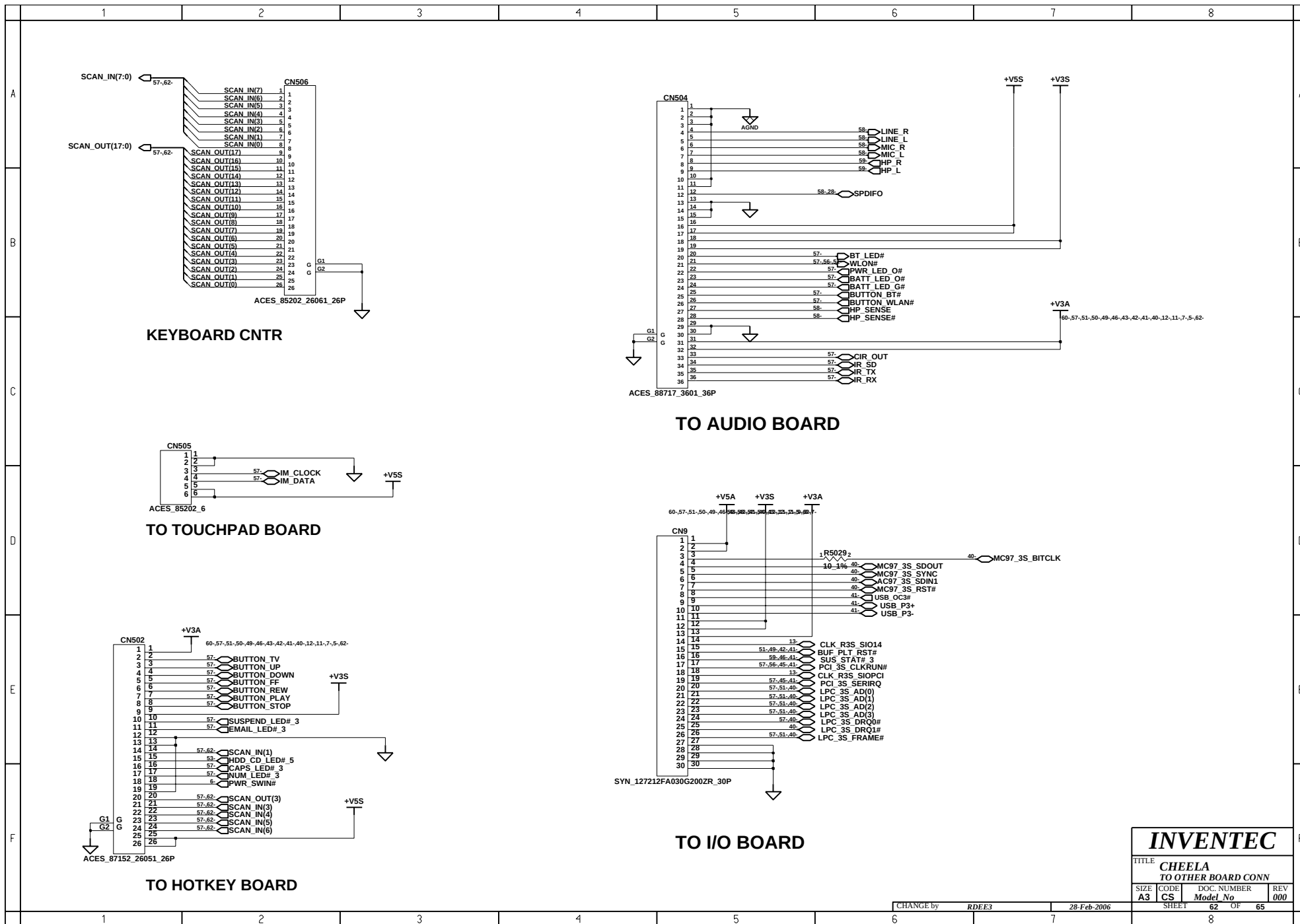
INVENTEC

TITLE			
CHEELA			
TVFUNCTION CNN & DC-IN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

CHANGE by RDEE3 24-Nov-2005

SHEET 60 OF 65





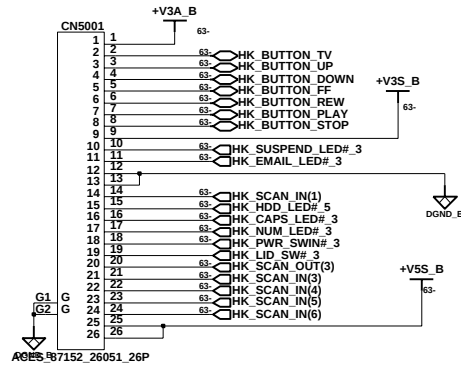
INVENTEC

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

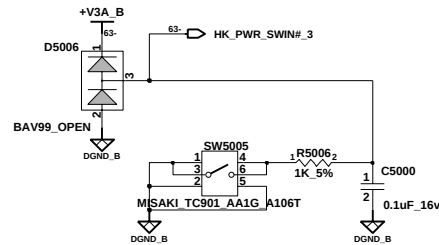
CHANGE by RDEE3 28-Feb-2006

SHEET 62 OF 65

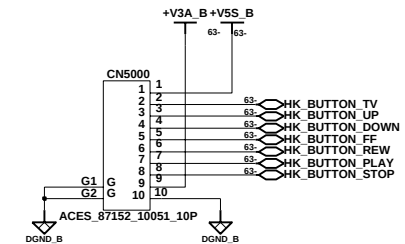
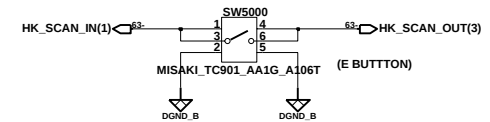
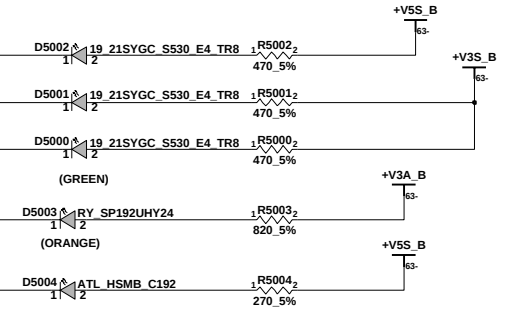
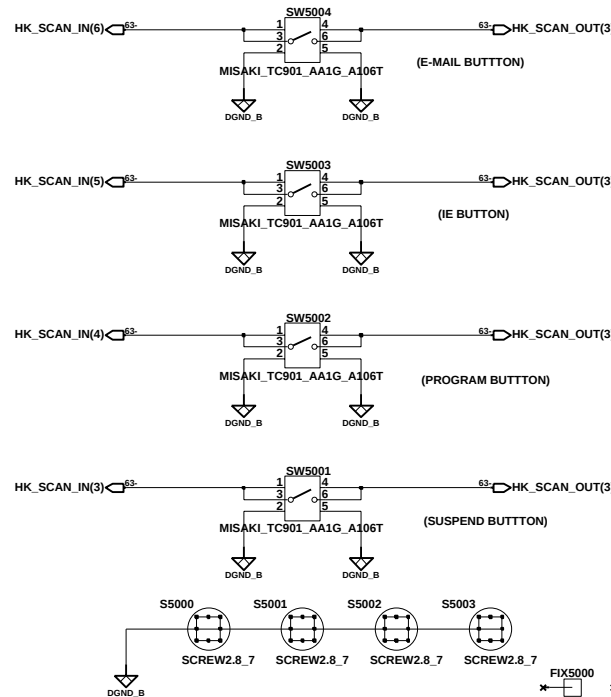
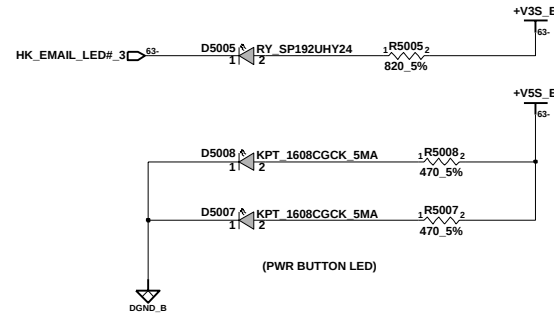
Hotkey Board



TO MB PAGE61



PWR SWITCH



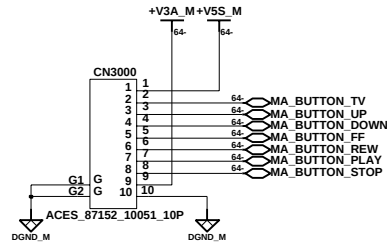
TO MEDIA BOARD



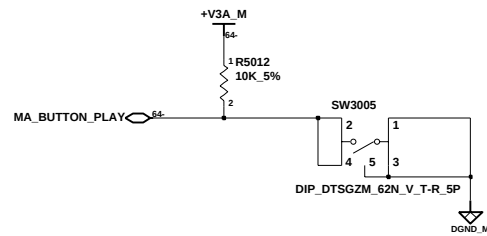
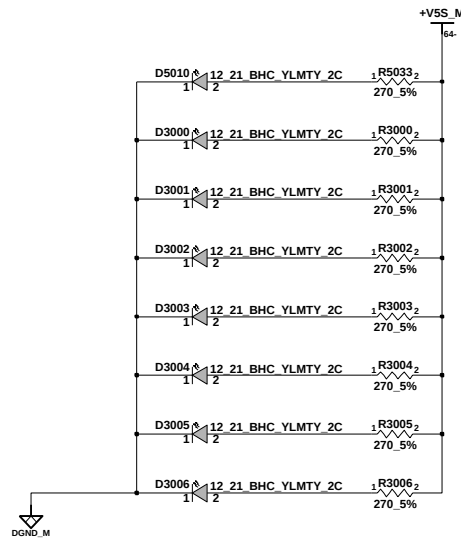
INVENTEC			
TITLE CHEELA HOTKEY BOARD			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET 63		OF 65	

CHANGE by RDEE3 1-Mar-2006

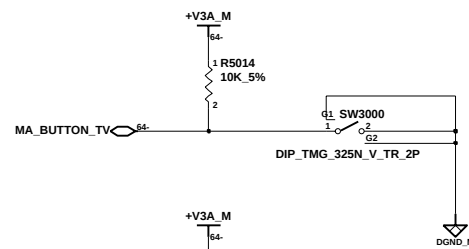
MEDIA Board



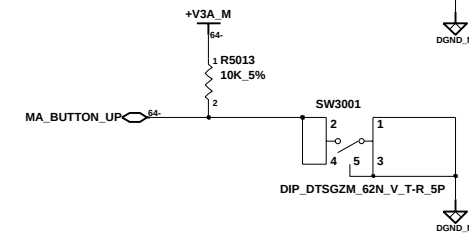
TO HOTKEY BOARD



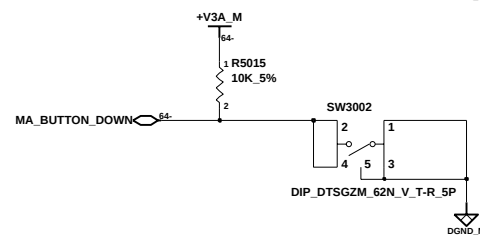
PLAY/PAUSE



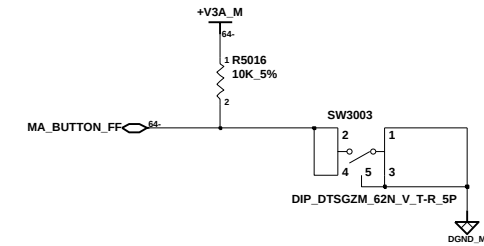
TV



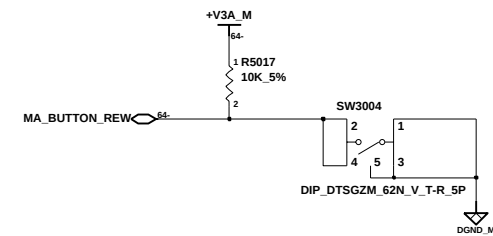
VOL UP



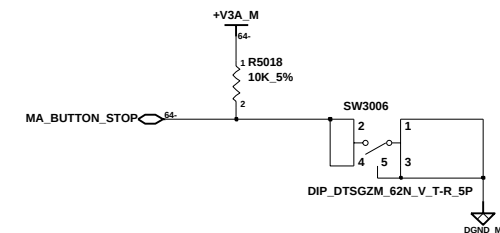
VOL DOWN



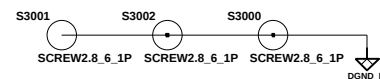
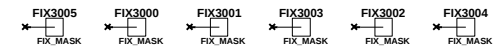
FF



REW



STOP

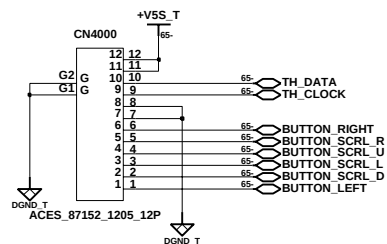


INVENTEC

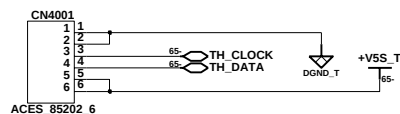
TITLE CHEELA			
MEDIA			
SIZE A3	CODE CS	DOC. NUMBER	REV
SHEET		64 OF	65

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

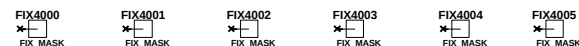
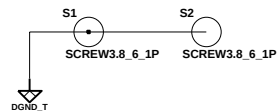
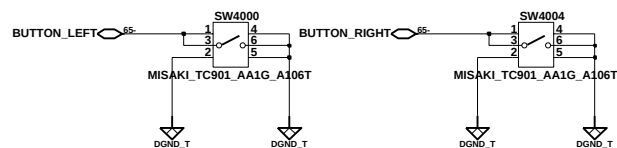
TOUCH PAD BUTTON BOARD



TO TOUCH PAD



TO MB PAGE 60



INVENTEC

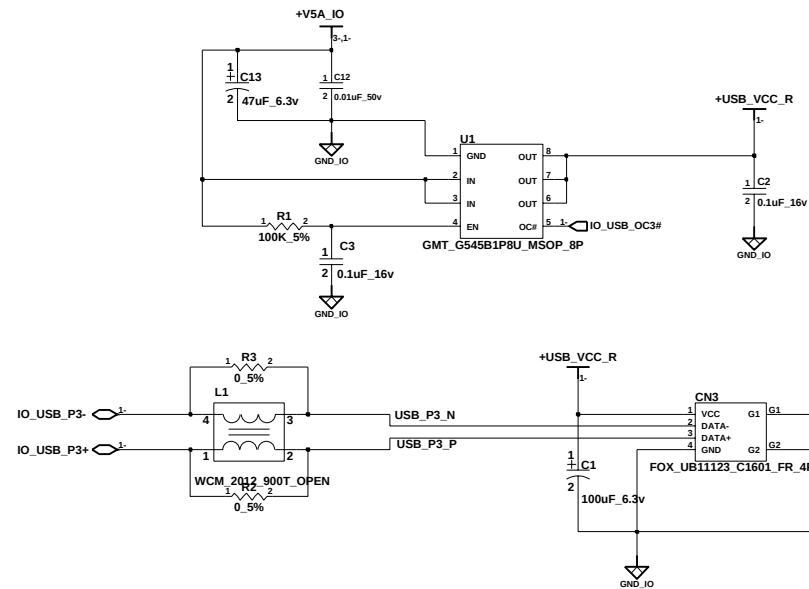
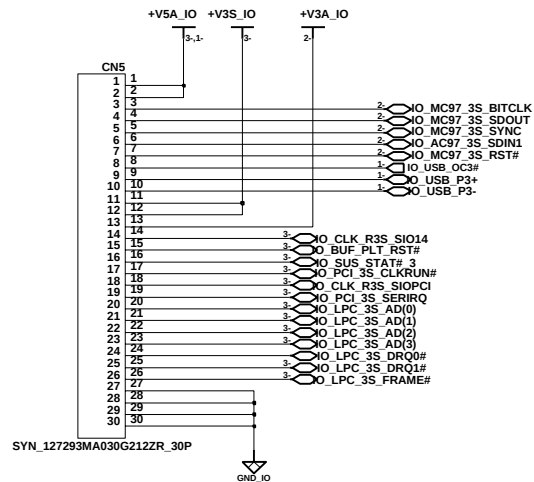
TITLE
CHEELA
TH BUTTON

SIZE CODE DOC. NUMBER REV

A3 CS SHEET 65 OF 65

CHANGE by RDEE3 3-Jan-2006

I/O BOARD 1/3

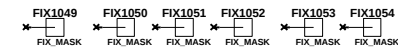
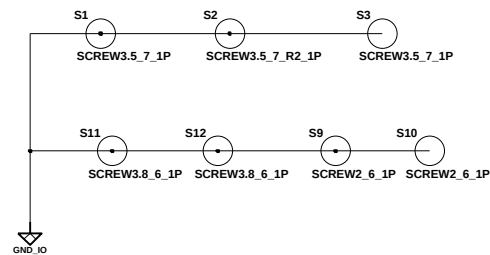
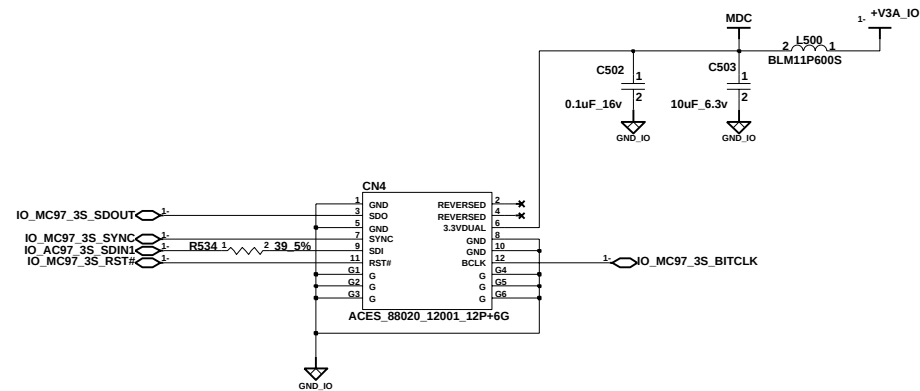


INVENTEC

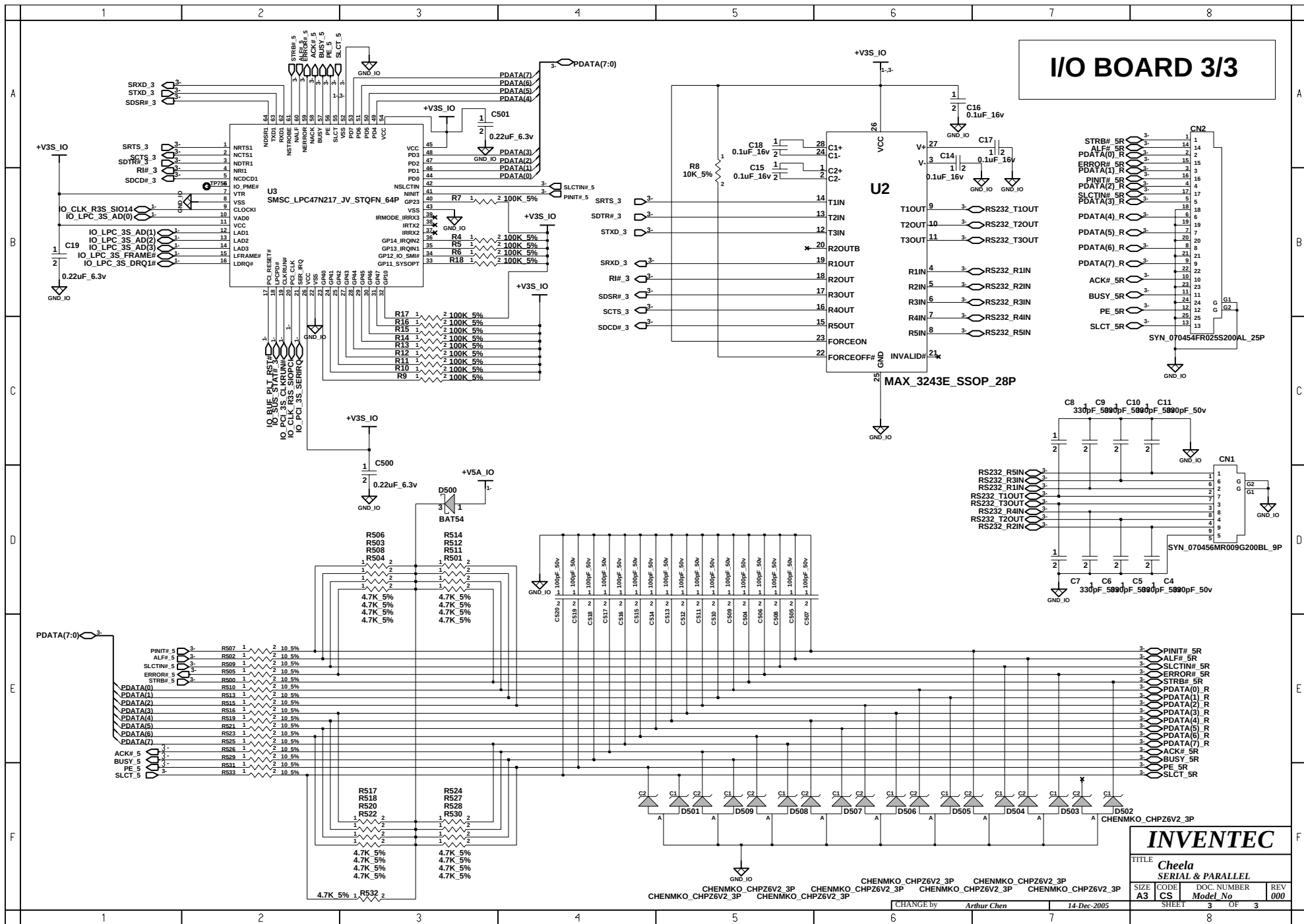
TITLE			
Cheela			
IO-USB CNTR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000
SHEET		1	OF 3

CHANGE by Arthur Chen 10-Feb-2006

I/O BOARD 2/3



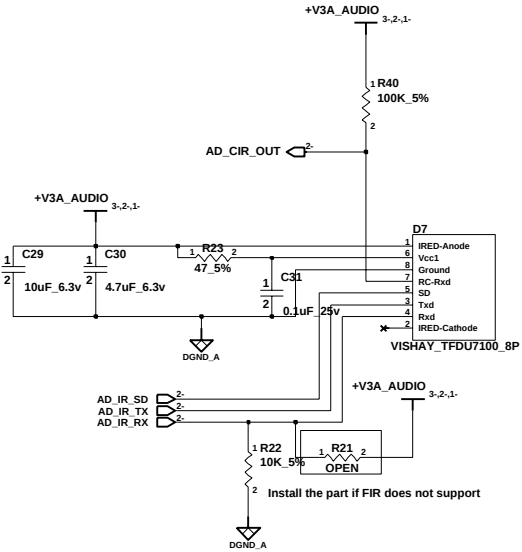
INVENTEC			
TITLE			
Cheela			
MDC1.5			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000
CHANGE by		14-Dec-2005	
SHEET		2	OF 3



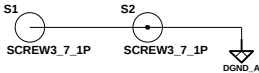
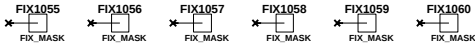
I/O BOARD 3/3

INVENTEC				
TITLE				
Cheela				
SERIAL & PARALLEL				
SIZE	CODE	DOC. NUMBER	REV	
A3	CS	Model No	000	
CHANGE by		Arthur Chen	14-Dec-2005	
SHEET		3	OF 3	

AUDIO BOARD 1/3



CIR/FIR COMB

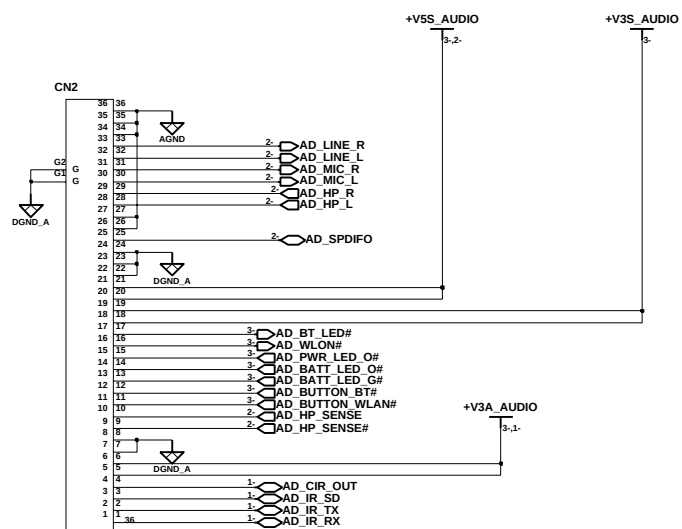


INVENTEC

TITLE			
<i>Cheela</i>			
<i>CIR & FIR</i>			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	<i>Model No</i>	<i>000</i>

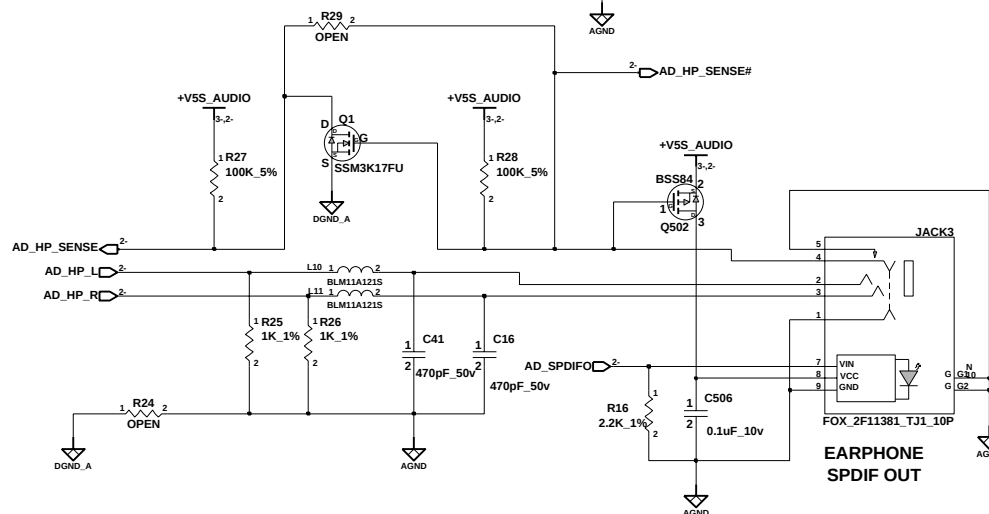
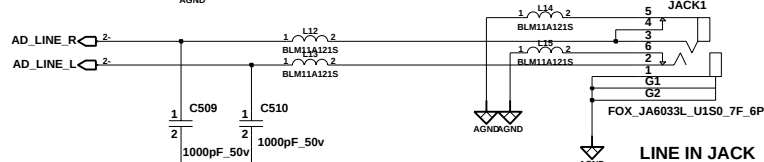
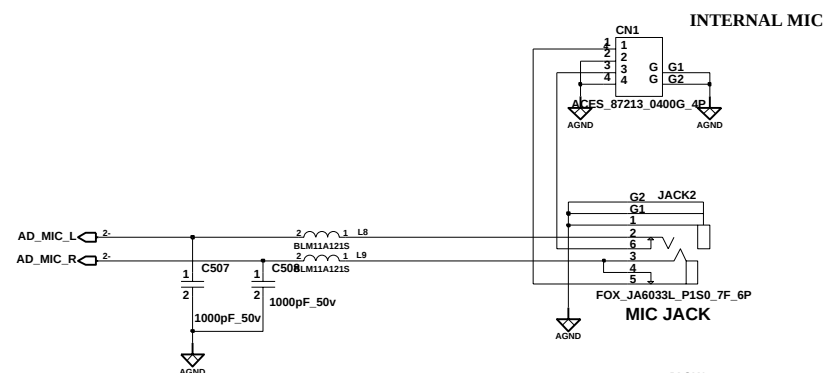
CHANGE by	<i>Arthur Chen</i>	<i>16-Nov-2005</i>
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AUDIO BOARD 2/3



ACES_88717_3601_36P

TO MAIN BOARD



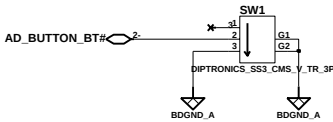
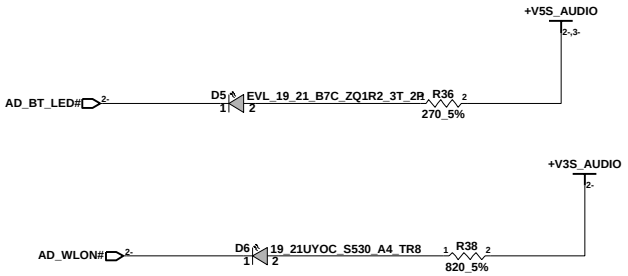
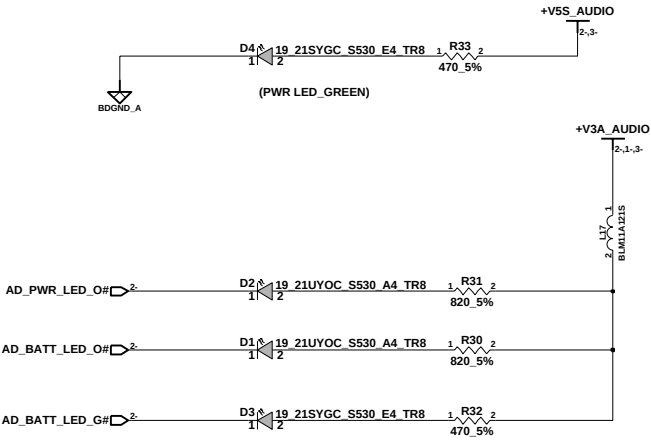
EARPHONE
SPDIF OUT

INVENTEC

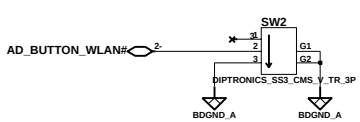
TITLE			
Cheela			
AMP & MIC & HP			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000
SHEET		2	OF 3

CHANGE by Arthur Chen 21-Nov-2005

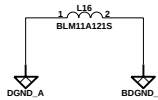
AUDIO BOARD 3/3



BT SWITCH



WLAN SWITCH



INVENTEC

TITLE			
Cheela BT/WLAN SW			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

CHANGE by	Arthur Chen	16-Mar-2006
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