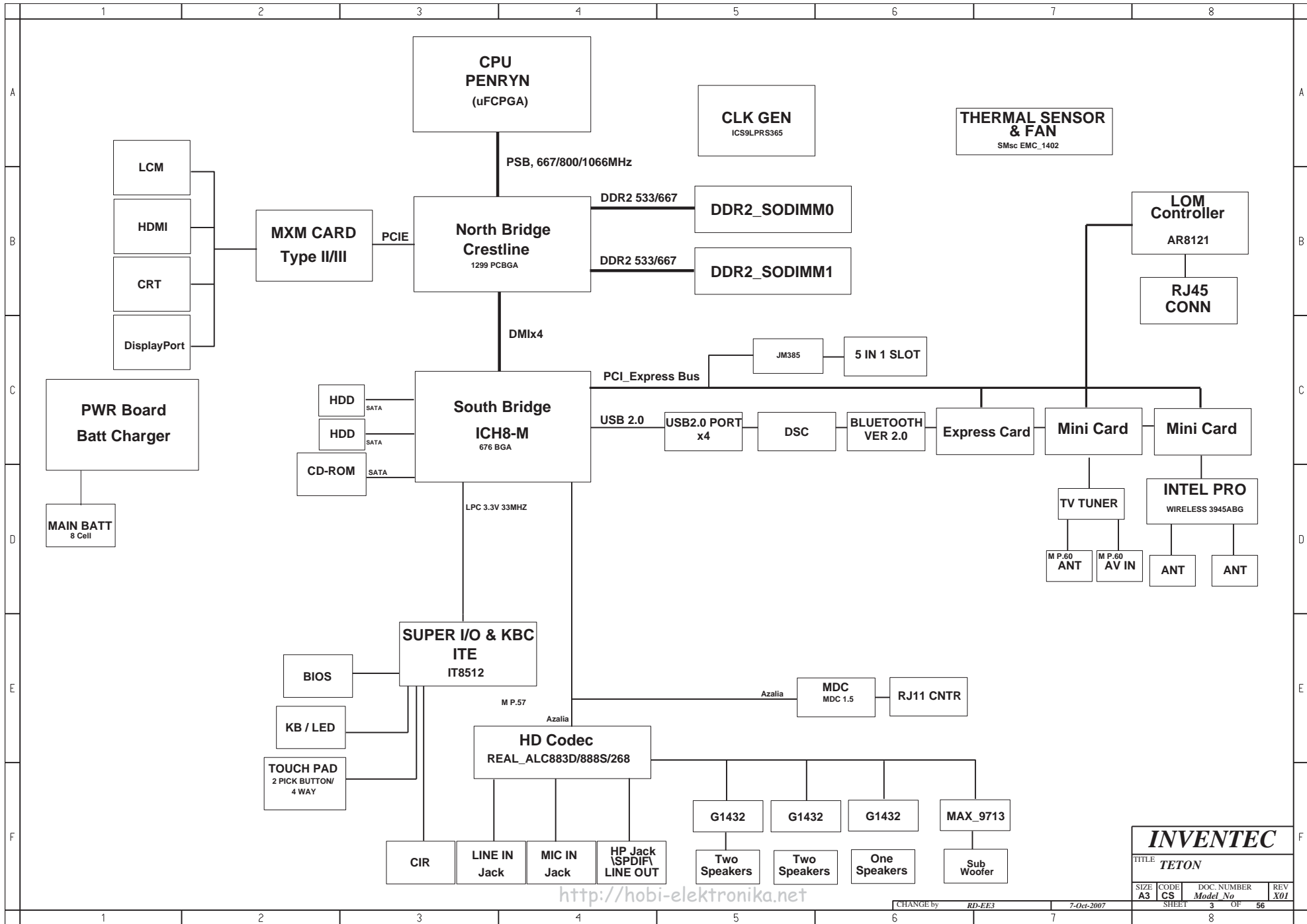


TABLE OF CONTENTS

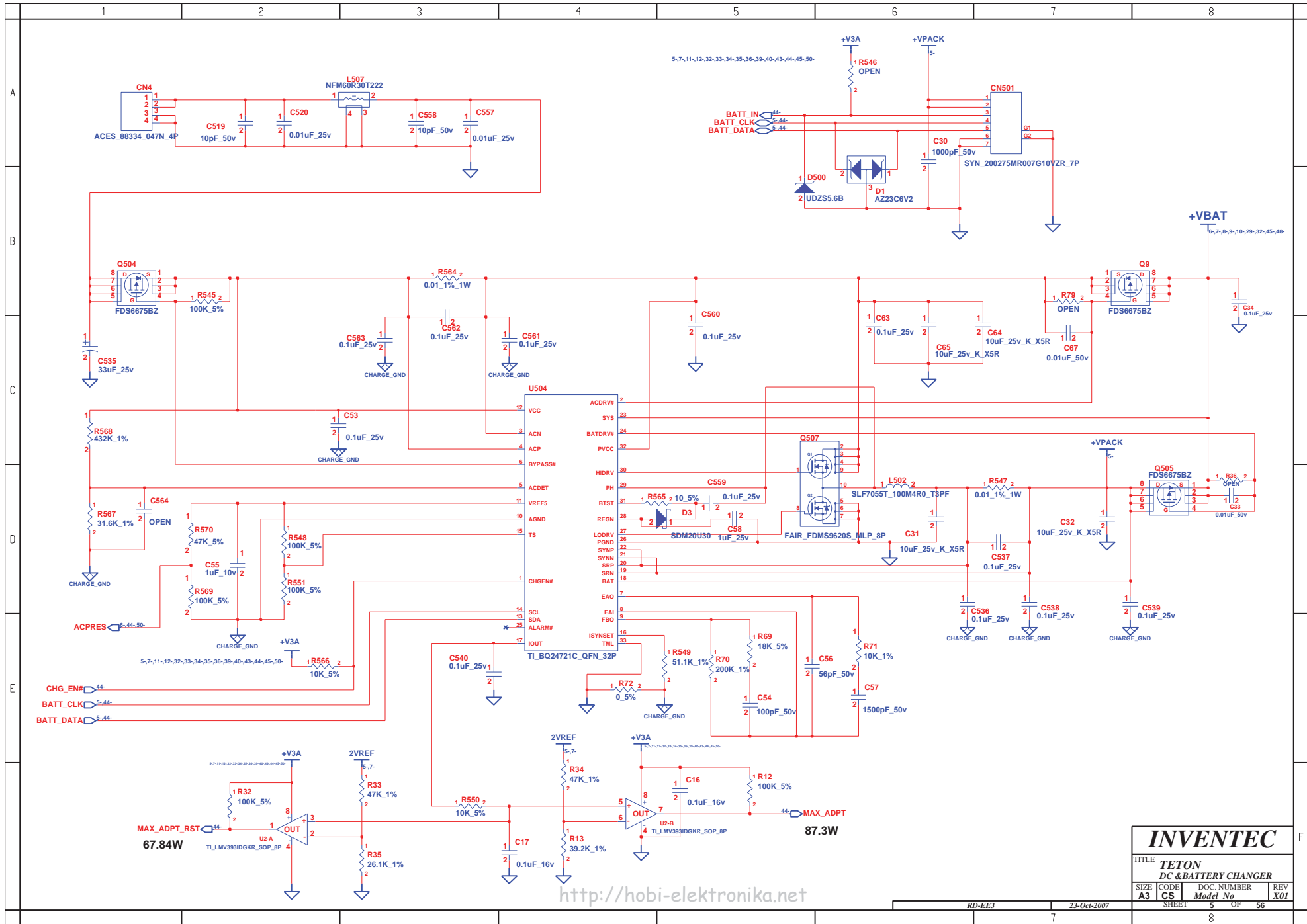
PAGE	PAGE	PAGE
MAINBOARD		I/O BOARD
1.COVER PAGE	41.SATA HDD&ODD	1.EXPRESS CARD CONN
2.INDEX	42.USB CONN	2.CARD READER CONTROLLER
3.BLOCK DIAGRAM	43.BLUE TOOTH & MDC CONN	
4.POWER SEQUENCE BLOCK	44.KBC	HOTKEY BOARD
5-12.SYSTEM POWER	45.AUDIO CODEC	1.HOTKEY BOARD
13.CLOCK GENERATOR	46.AUDIO JACK	
14-17.CPU Merom	47.AUDIO AMP	
18.FAN & THERMAL CONTROLLER	48.AUDIO AMP & SPK CONN	
19-25.N/B Crestline	49.SCREW	
26.DDR2 DIMM0	50.MB TO OTHER B CONN	
27.DDR2 DIMM1	51.USB BOARD	
28.DDR DAMPING	52.POWER BUTTON BOARD	
29.MXM CONN	53.TP BUTTON BOARD	
30.CRT CONN	54.LED1 BOARD	
31.HDMI & DP CONN	55.LED2 BOARD	
32.LCD CONN	56.E KEY BOARD	
33-37.S/B ICH8M		
38.LAN CONTROLLER		
39.RJ45 CONN		
40.MINI CARD		



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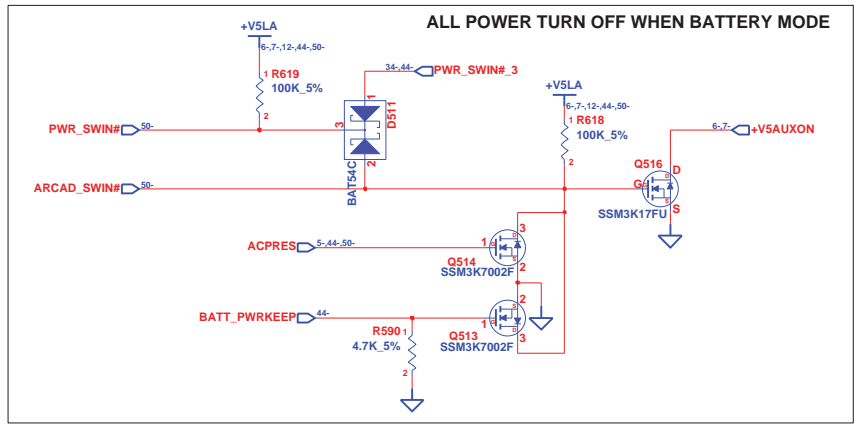
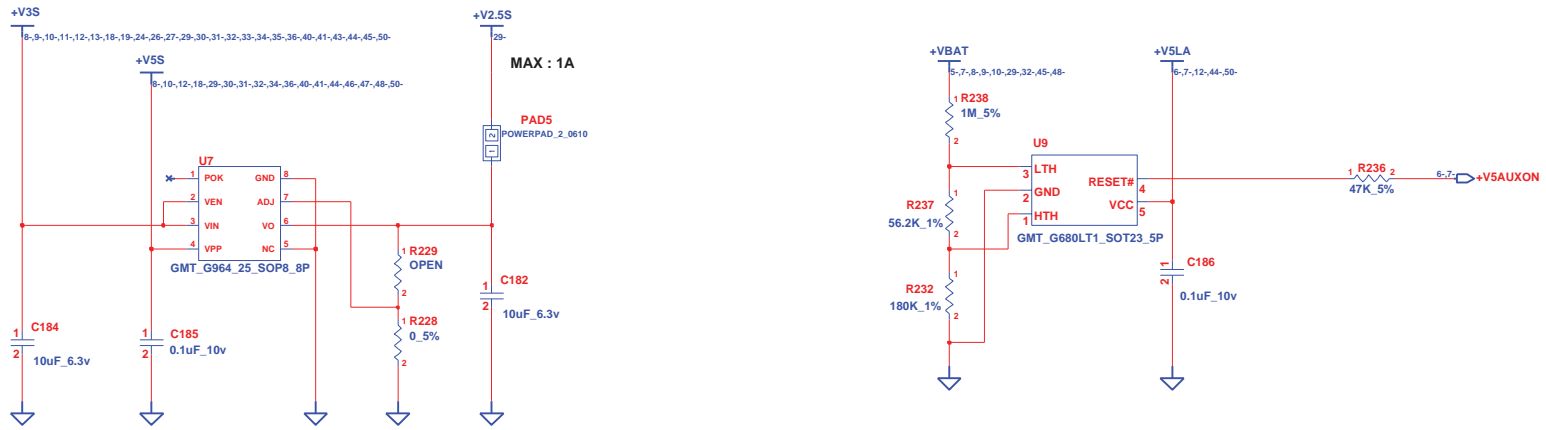
INVENTEC			
TITLE TETON			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
SHEET		OF	
3		56	

CHANGE by **RD-EE3** 7-Oct-2007



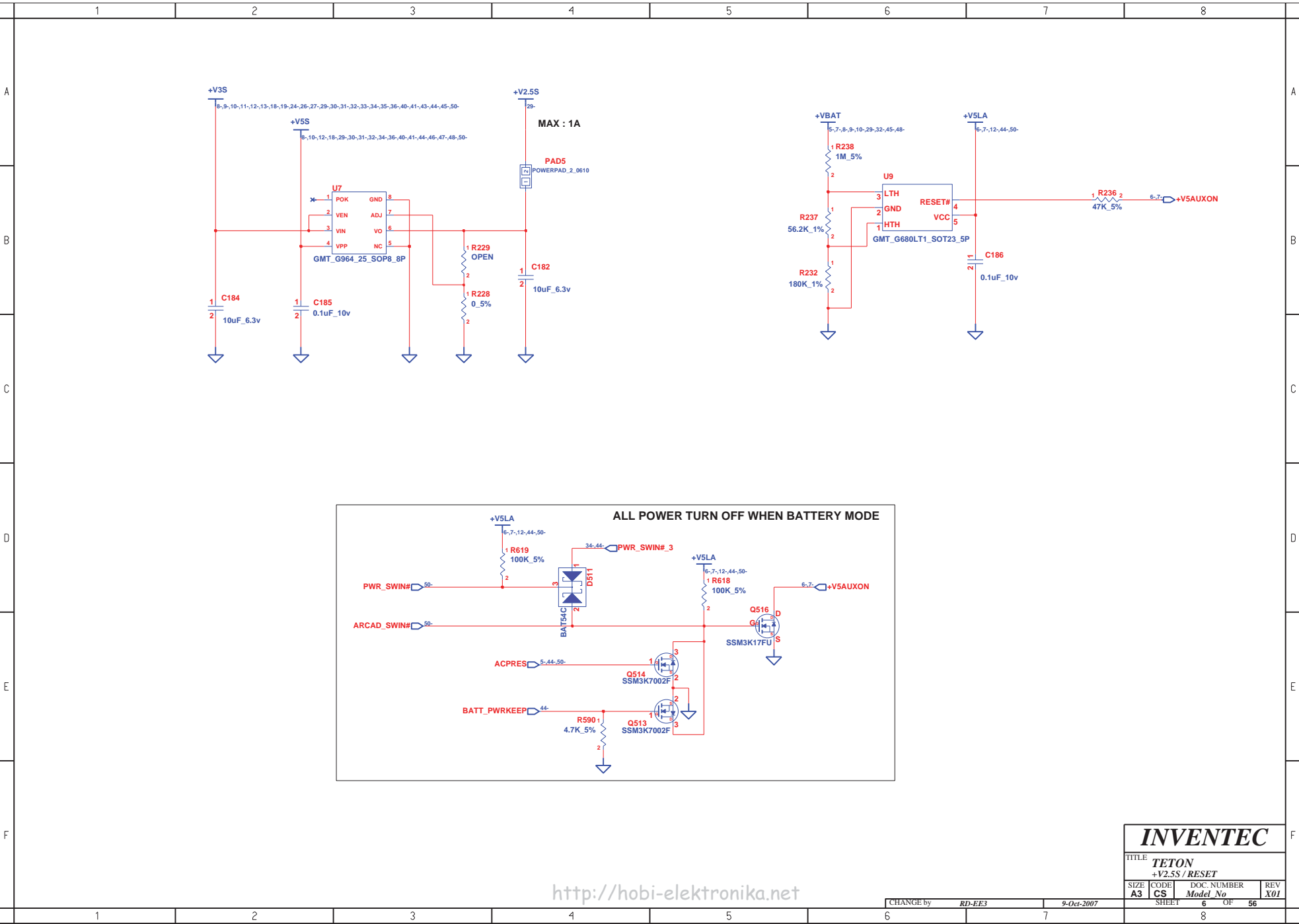
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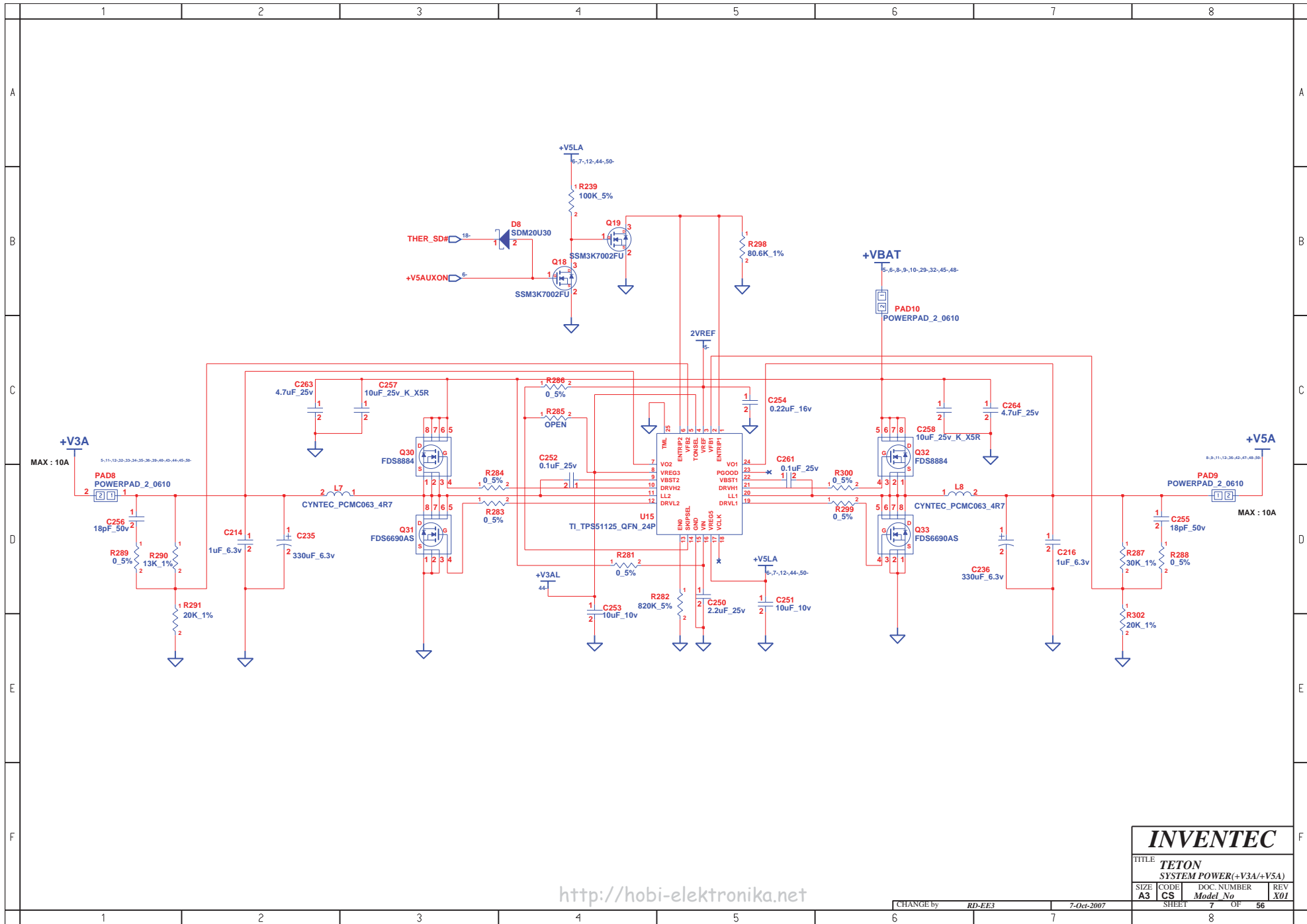
INVENTEC			
TITLE TETON DC & BATTERY CHARGER			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
RD-EE3		23-Oct-2007	SHEET 5 OF 56
			7
			8



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INVENTEC			
TITLE TETON +V2.5S / RESET			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
CHANGE by RD-EE3		9-Oct-2007	
SHEET 6		OF 56	



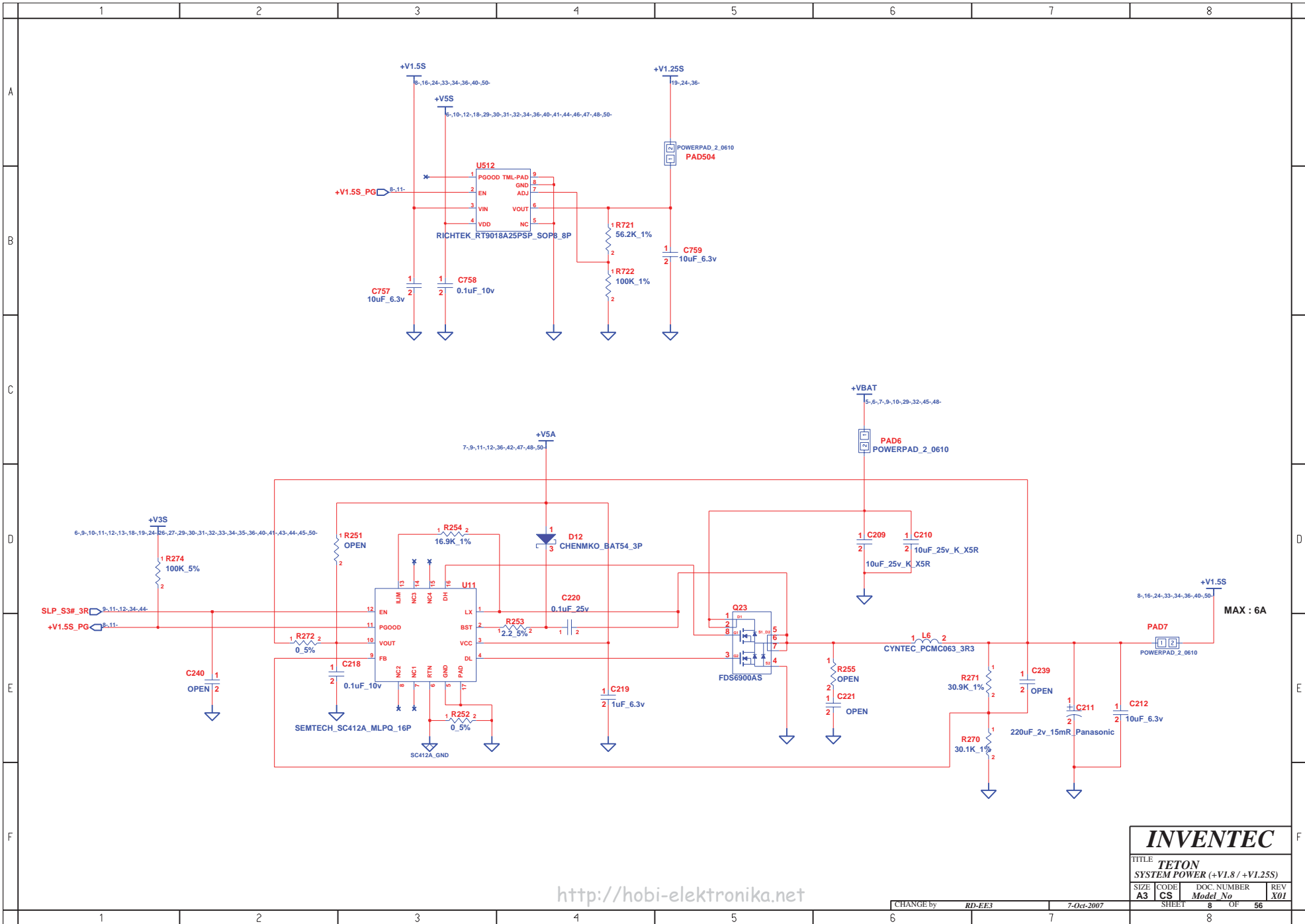


<http://hobi-elektronika.net>

INVENTEC

TITLE			
TETON SYSTEM POWER(+V3A/+V5A)			
SIZE	CODE	DOC NUMBER	REV
A3	CS	Model No	X01

CHANGE by	RD-EE3	7-Oct-2007	SHEET	7	OF	56
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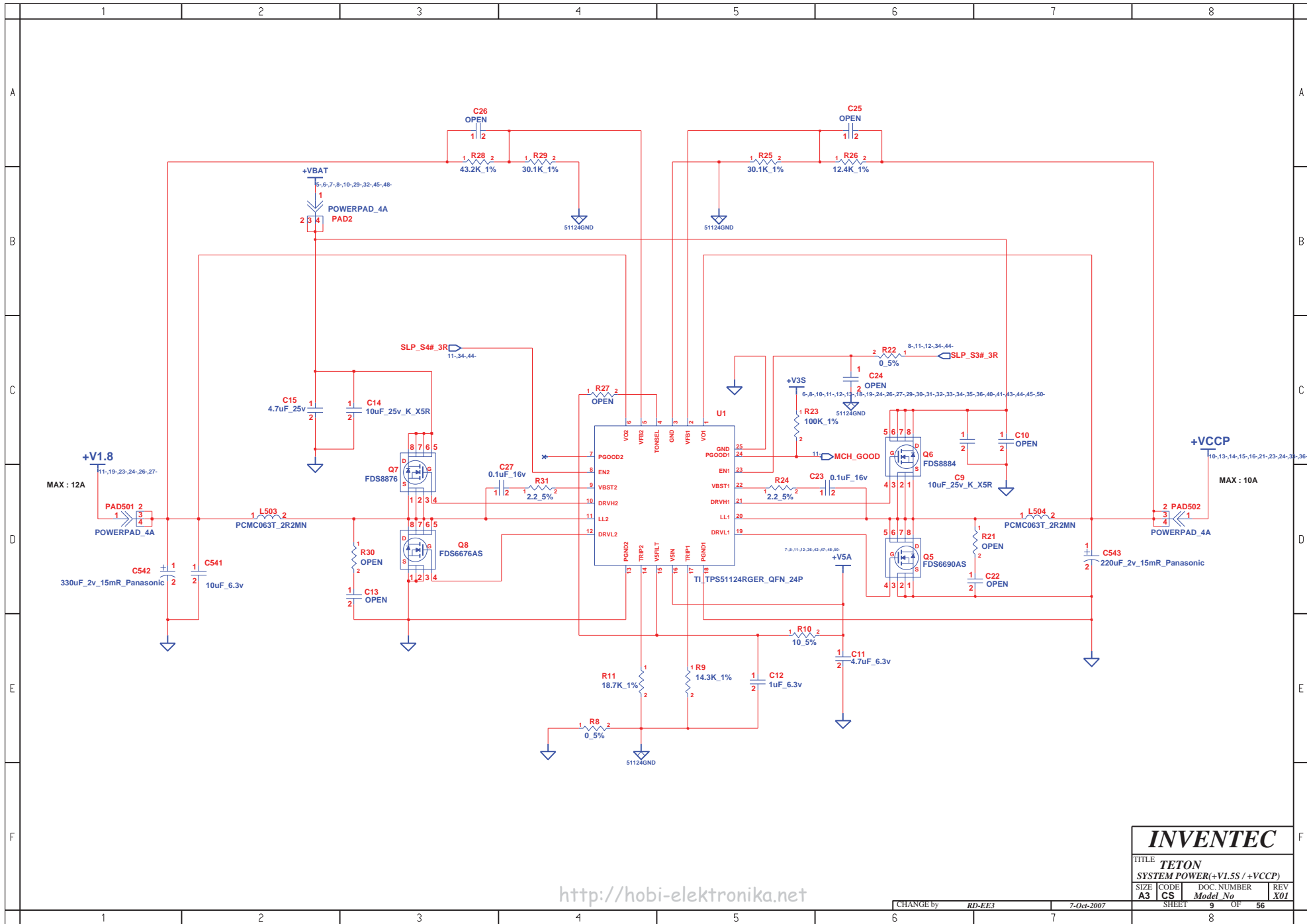
<http://hobi-elektronika.net>

INVENTEC

TITLE			
TETON			
SYSTEM POWER (+V1.8 / +V1.25S)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01

CHANGE by RD-EE3 7-Oct-2007

SHEET	OF	
8	56	



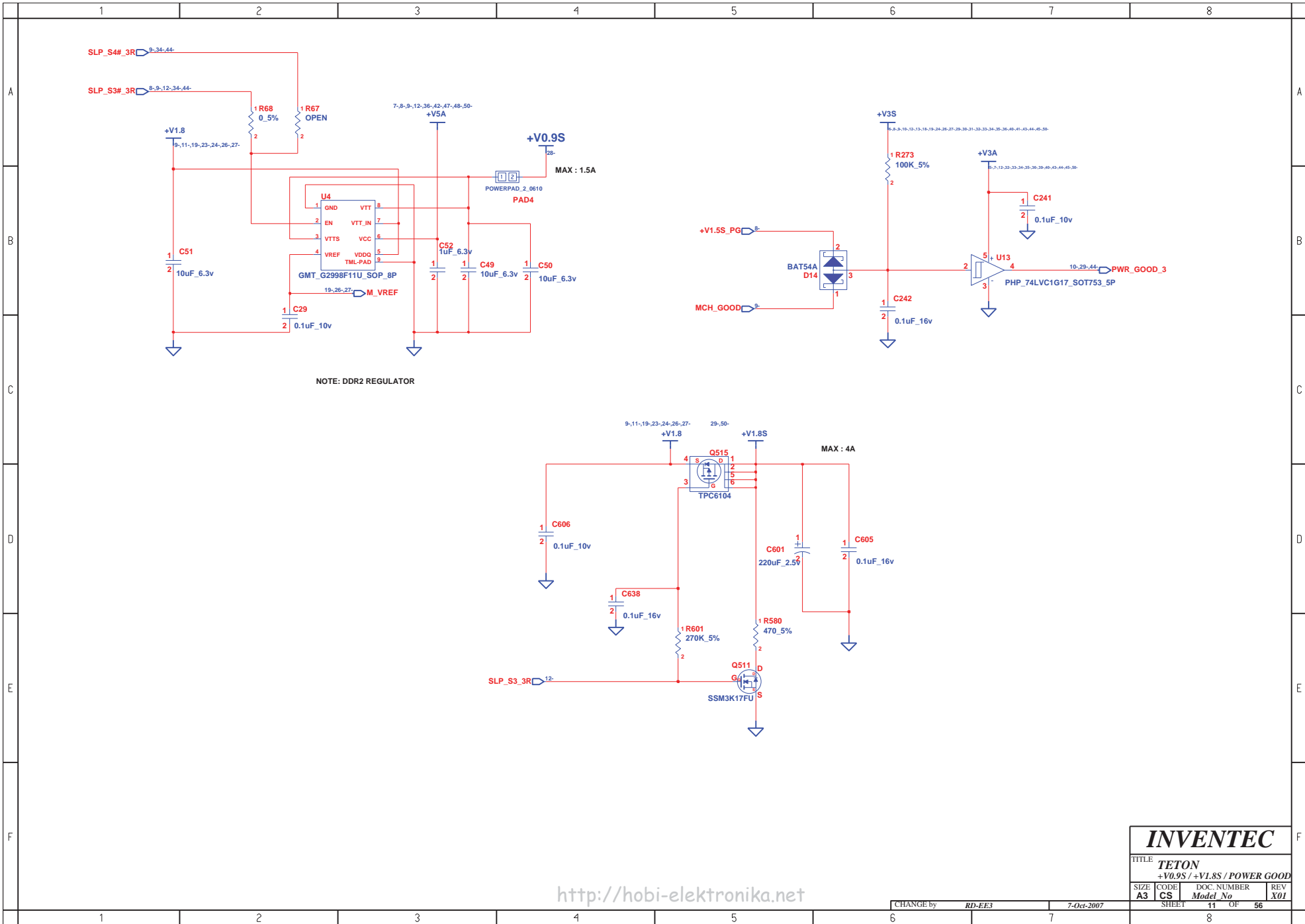
<http://hobi-elektronika.net>

INVENTEC

TITLE **TETON**
SYSTEM POWER(+V1.5S / +VCCP)

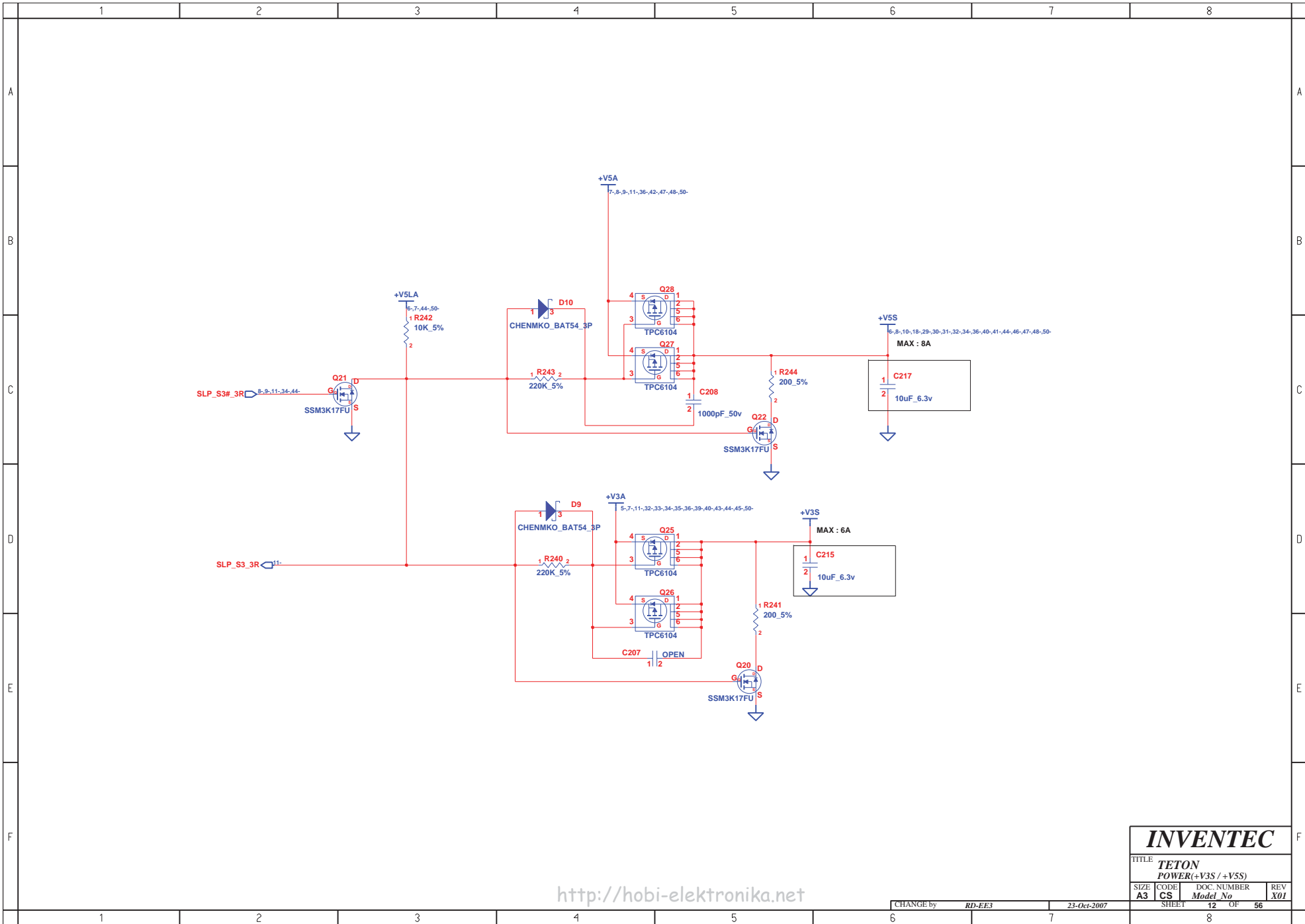
SIZE A3	CODE CS	DOC NUMBER	REV X01
SHEET 9		OF 56	

CHANGE by **RD-EE3** 7-Oct-2007



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INVENTEC			
TITLE TETON			
+V0.9S / +V1.8S / POWER GOOD			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
CHANGE by RD-EE3		7-Oct-2007	
SHEET 11		OF 56	



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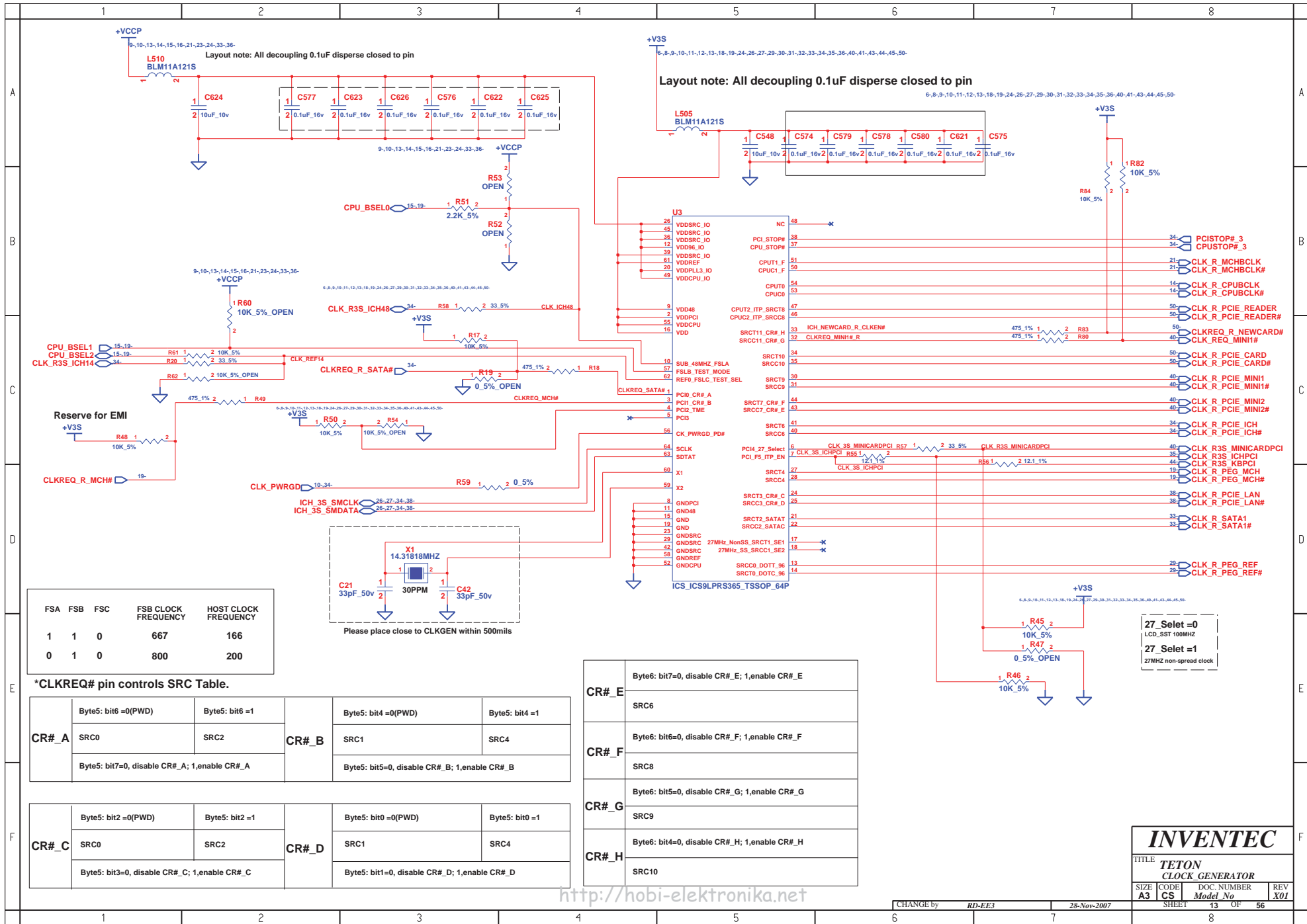
INVENTEC

TITLE
**TETON
 POWER(+V3S / +V5S)**

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
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CHANGE by *RD-EE3* 23-Oct-2007

SHEET 12 OF 56



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	
	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	
	SRC0	SRC2	SRC1	SRC4
Byte5: bit3=0, disable CR#_C; 1,enable CR#_C			Byte5: bit1=0, disable CR#_D; 1,enable CR#_D	

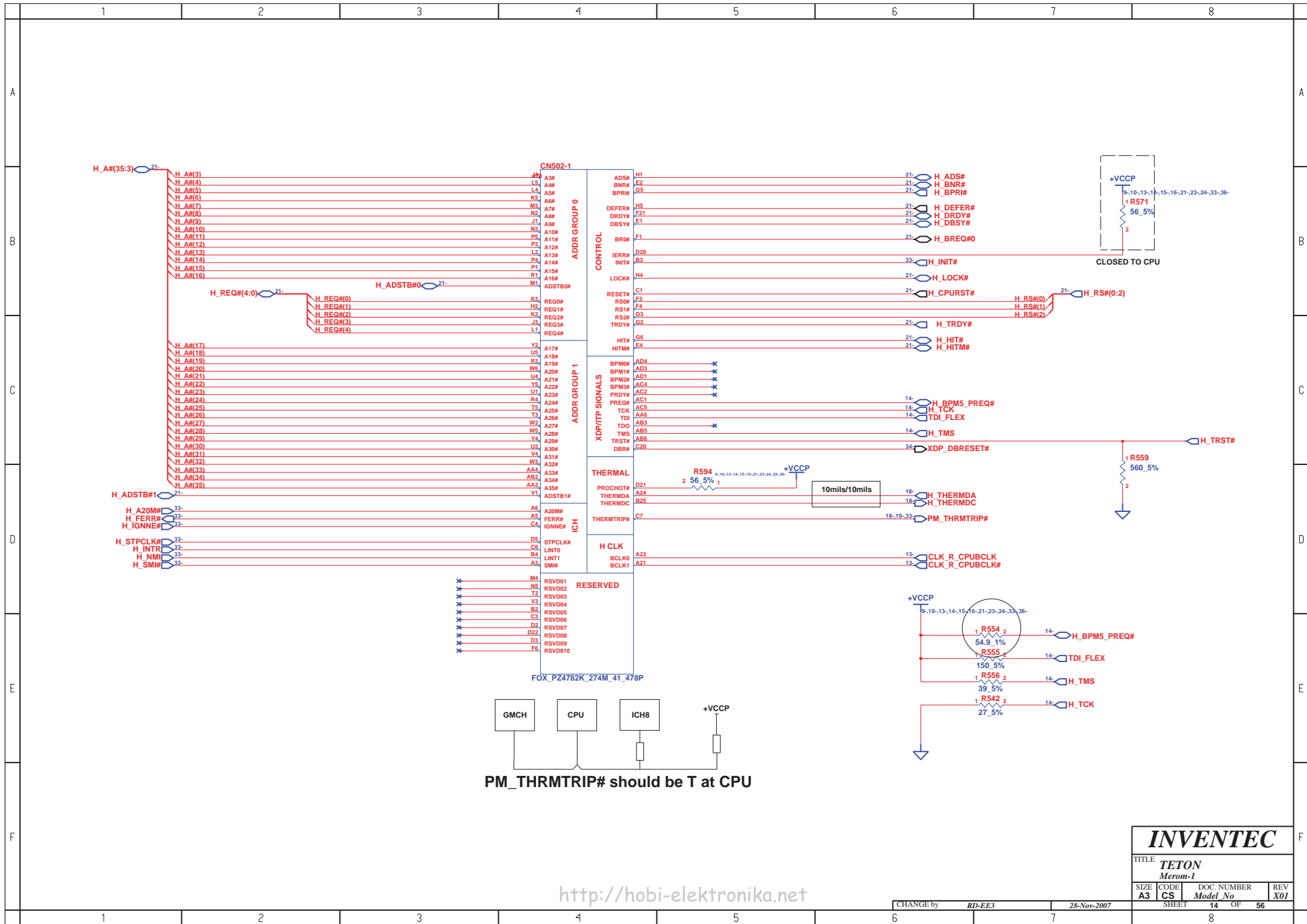
CR#_E	Byte6: bit7=0, disable CR#_E; 1,enable CR#_E
CR#_F	Byte6: bit6=0, disable CR#_F; 1,enable CR#_F
CR#_G	Byte6: bit5=0, disable CR#_G; 1,enable CR#_G
CR#_H	Byte6: bit4=0, disable CR#_H; 1,enable CR#_H
SRC6	
SRC8	
SRC9	
SRC10	

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INVENTEC

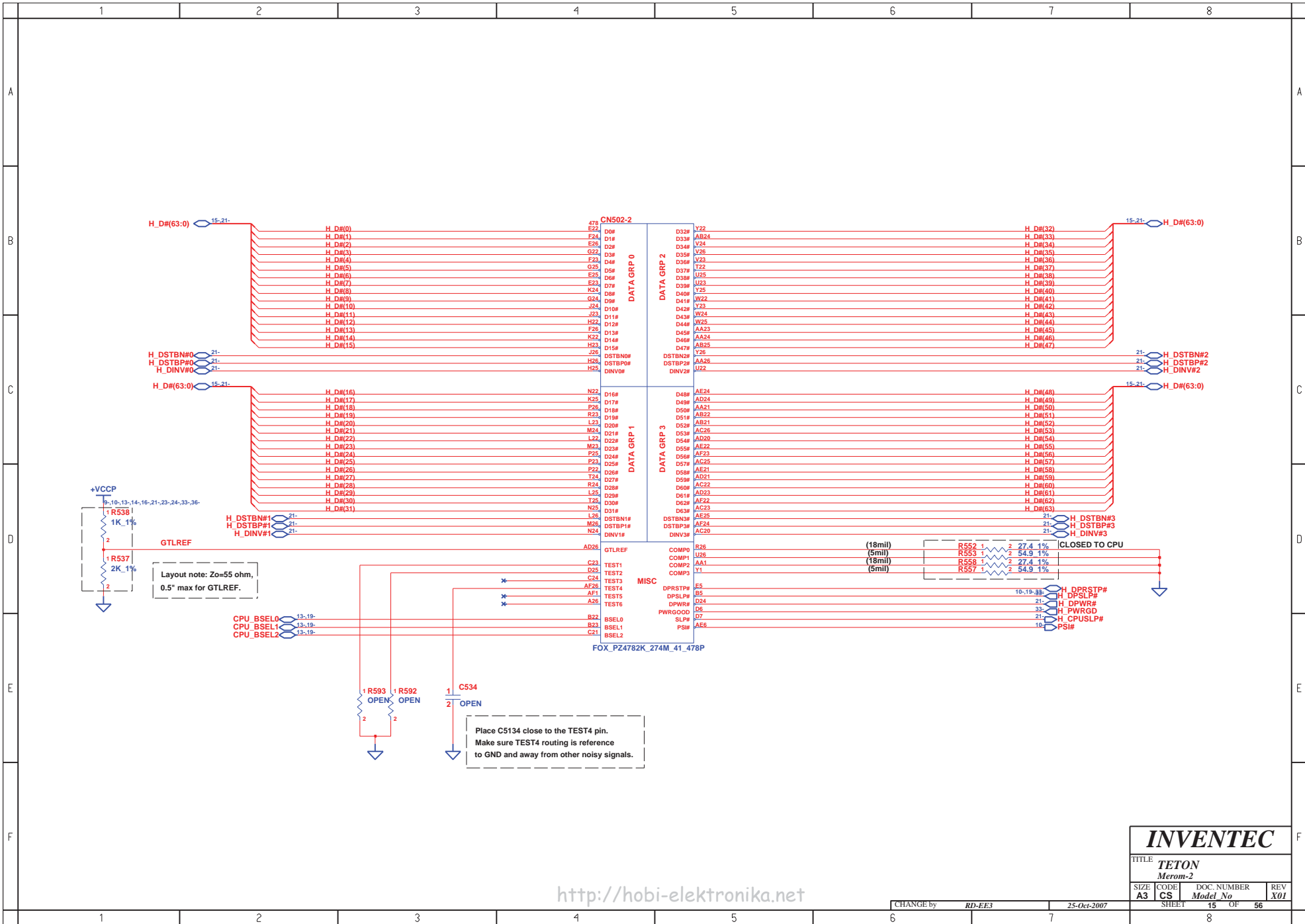
TITLE TETON CLOCK GENERATOR

SIZE A3	CODE CS	DOC NUMBER Model No	REV X01
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INVENTEC			
TITLE TETON			
Merom-1			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by RD-EE3		28-Nov-2007	
SHEET 14		OF 56	

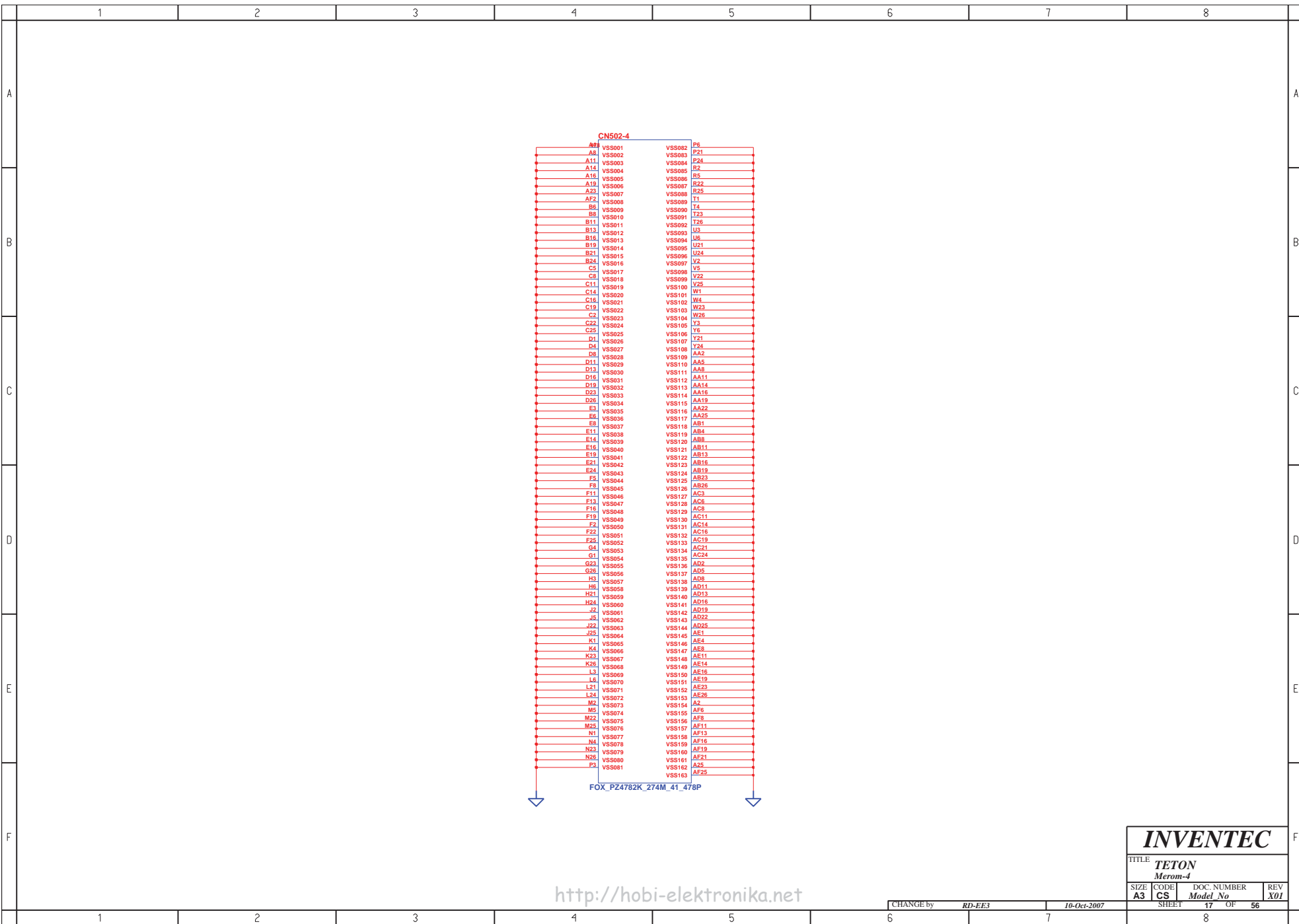
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<http://hobi-elektronika.net>

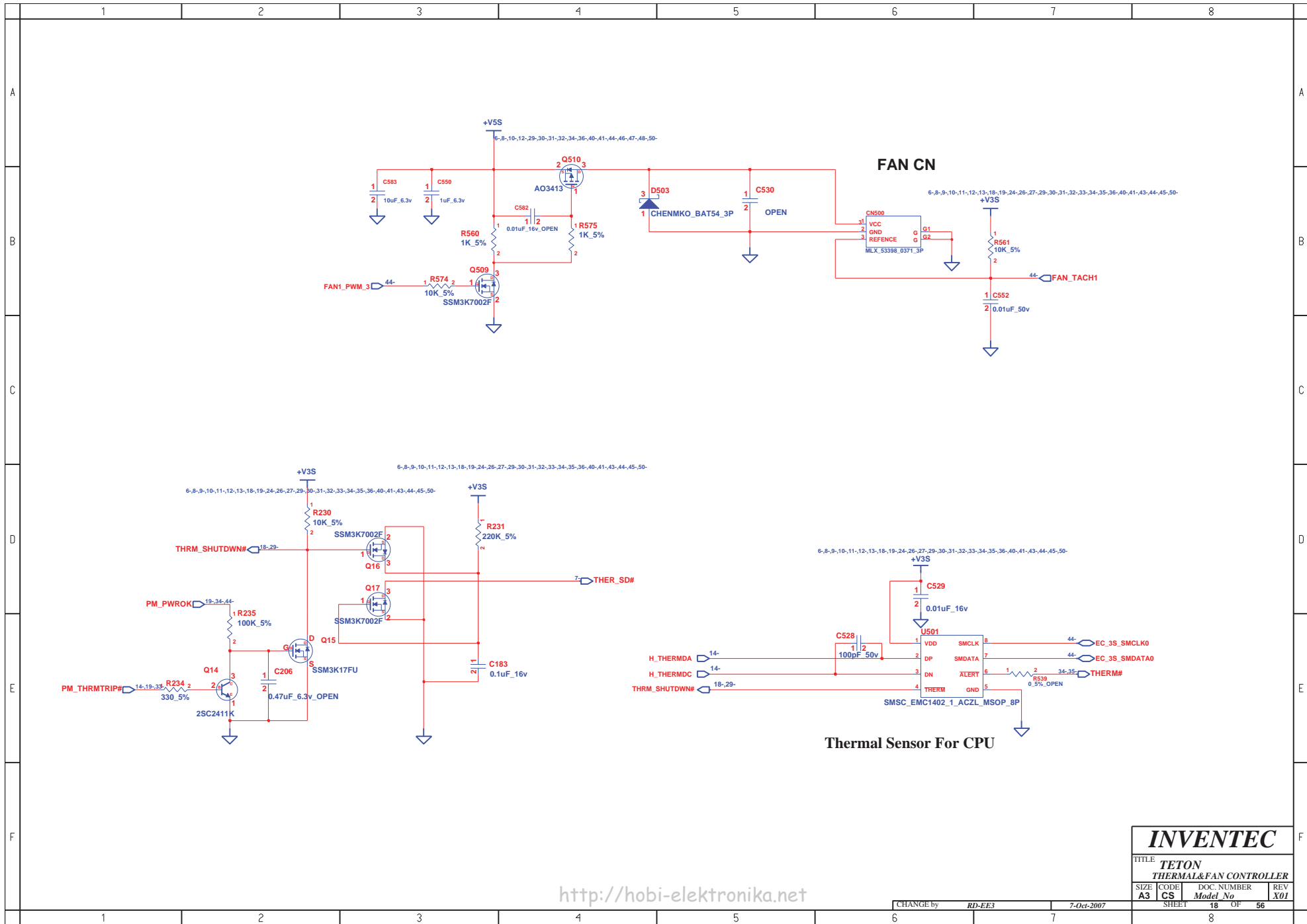
INVENTEC

TITLE TETON			
Merom-2			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
CHANGE by <i>RD-EE3</i>		25-Oct-2007	
SHEET 15		OF 56	



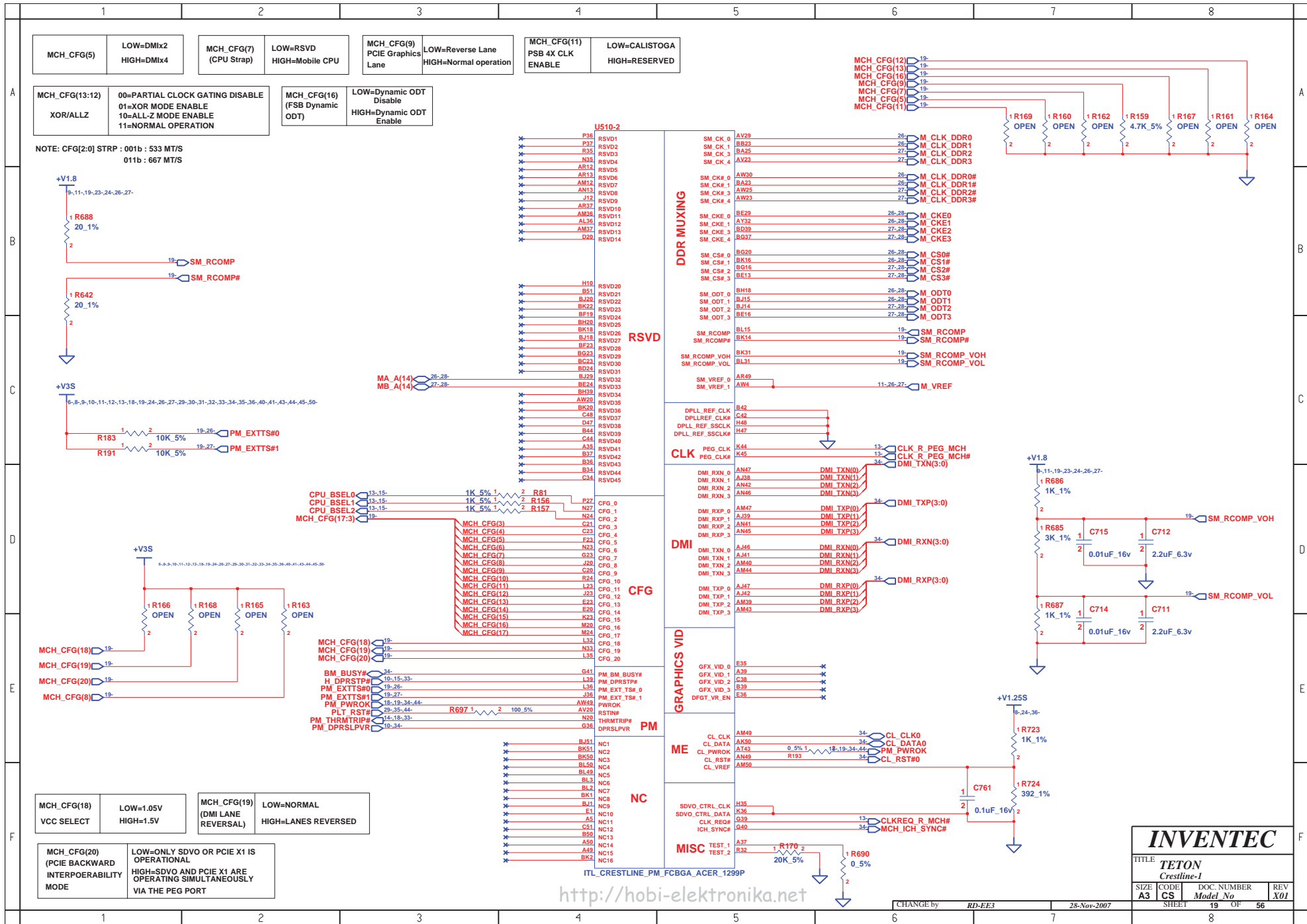
<http://hobi-elektronika.net>

INVENTEC			
TITLE TETON			
<i>Merom-4</i>			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
CHANGE by RD-EE3		10-Oct-2007	
SHEET 17		OF 56	



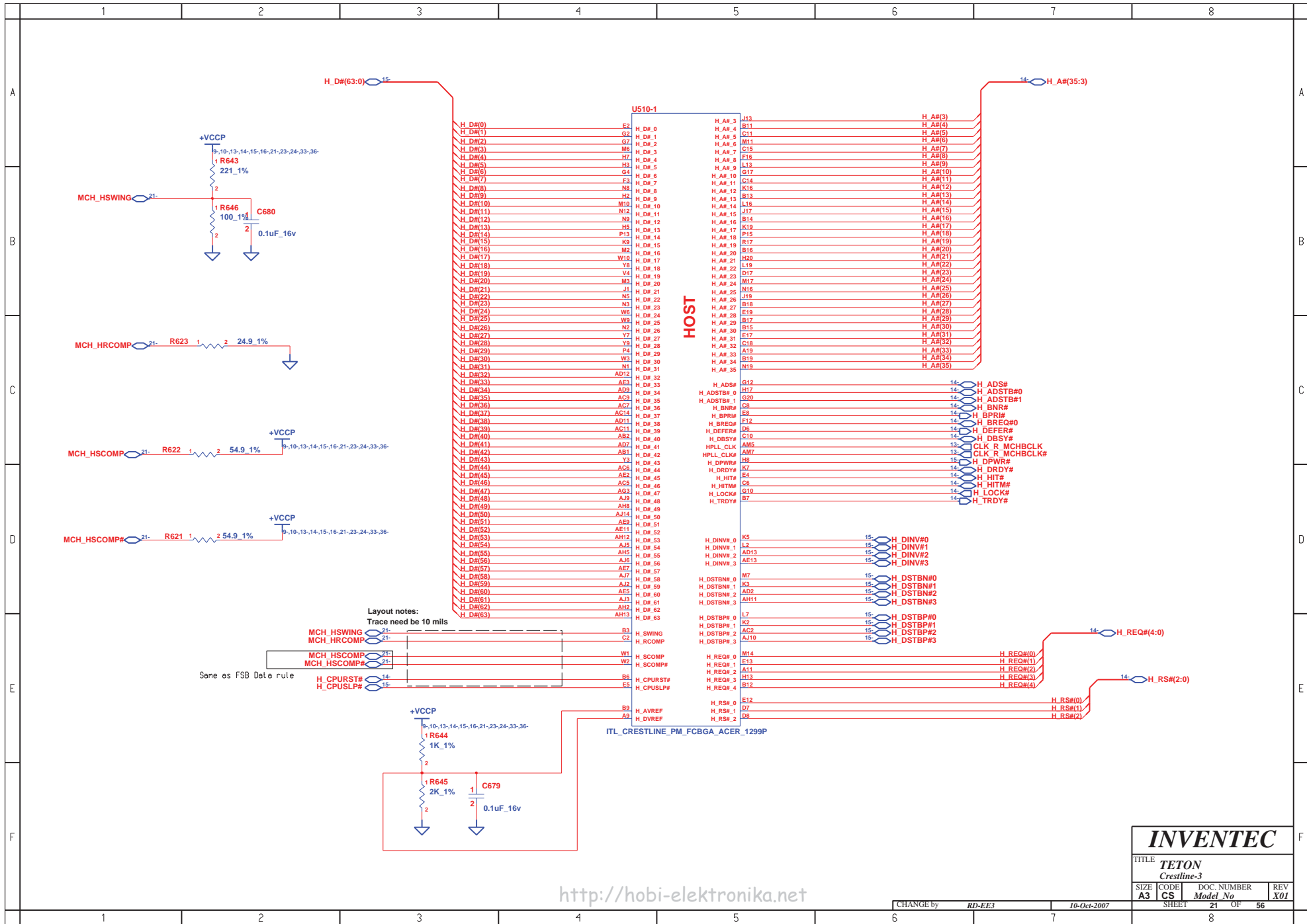
<http://hobi-elektronika.net>

INVENTEC			
TITLE TETON			
THERMAL&FAN CONTROLLER			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by RD-EE3		7-Oct-2007	
SHEET 18		OF 56	



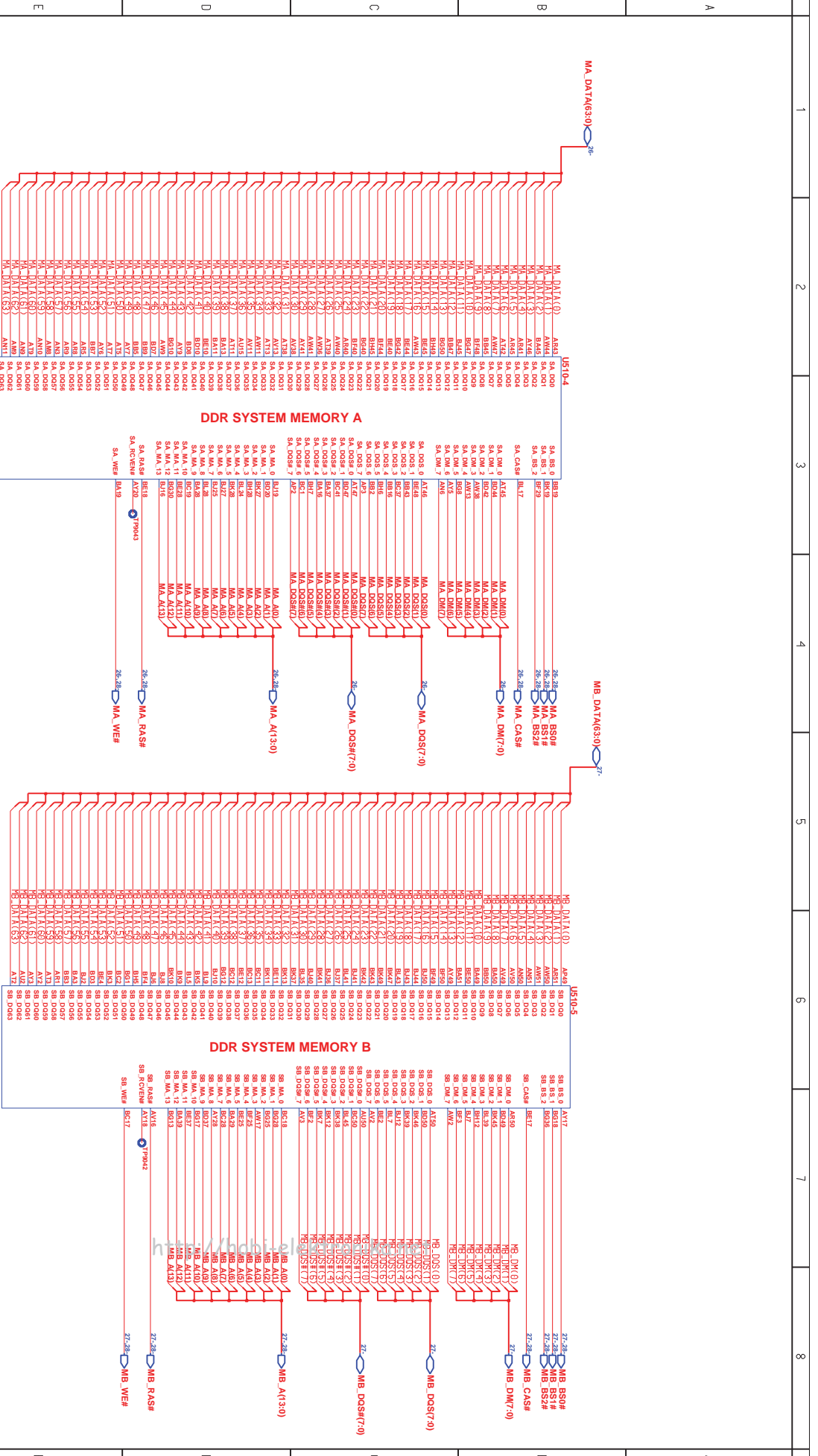
<http://hobi-elektronika.net>

INVENTEC			
TITLE TETON Crestline-1			
SIZE A3	CODE CS	DOC NUMBER Model No	REV X01
SHEET 19		OF 56	



<http://hobi-elektronika.net>

INVENTEC			
TITLE TETON Crestline-3			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by RD-EE3		10-Oct-2007	
SHEET 21		OF 56	



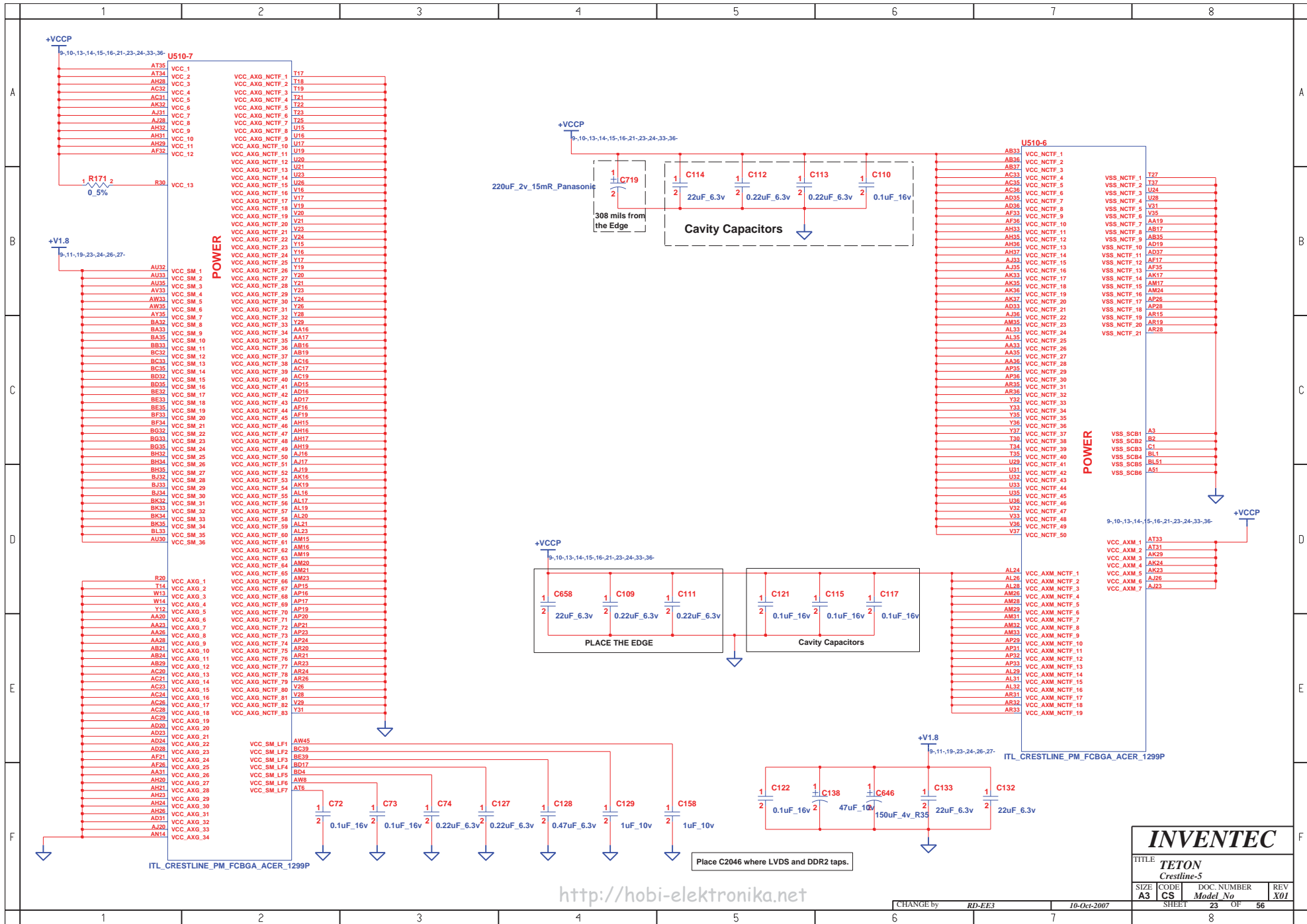
DDR SYSTEM MEMORY A

DDR SYSTEM MEMORY B

ITL_CRESTLINE_PM_FCBGA_ACER_1299P

ITL_CRESTLINE_PM_FCBGA_ACER_1299P

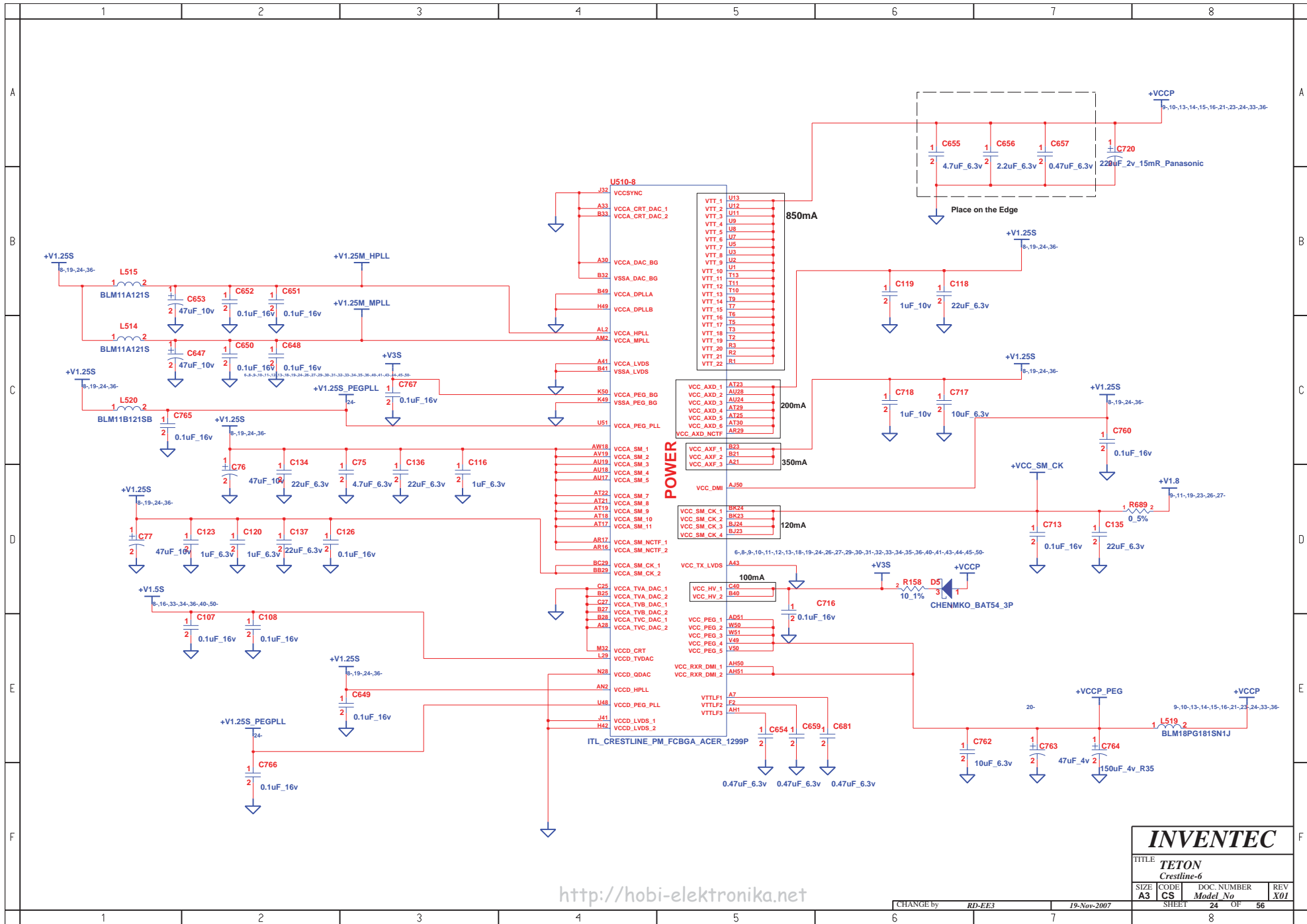
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<p>CHANGE BY: BDJHS DATE: 11-02-2007</p>							
<p>TITLE: INVENTTEC</p> <p>SIZE: TESTON</p> <p>REV: CS DOC NUMBER: X01</p> <p>MODEL: AS SHEET: 22 OF 56</p>							



INVENTEC				
TITLE TETON Crestline-5				
SIZE	CODE	DOC. NUMBER	REV	
A3	CS	Model No	X01	
SHEET 23			OF 56	

<http://hobi-elektronika.net>

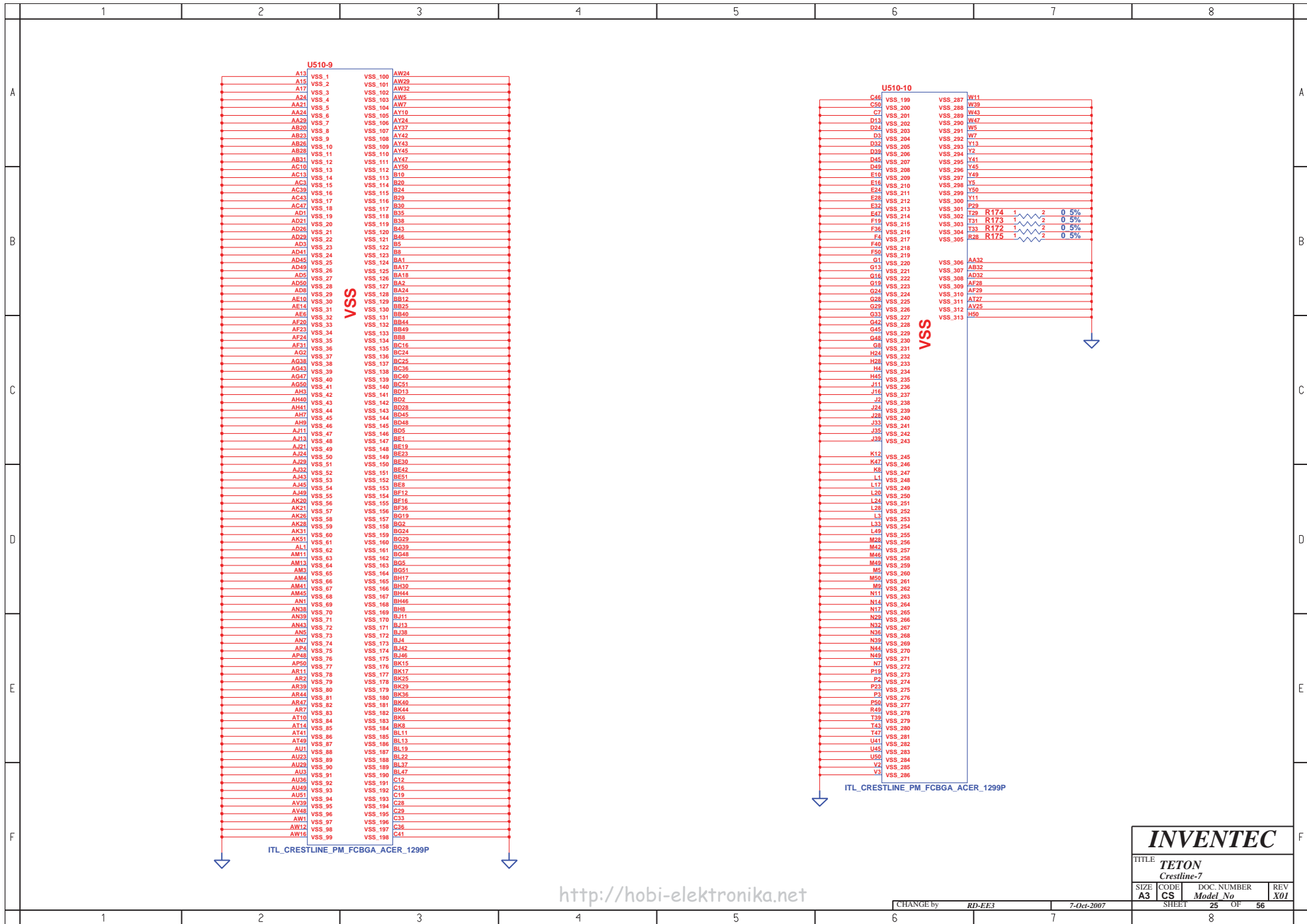
CHANGE by **RD-EE3** 10-Oct-2007



<http://hobi-elektronika.net>

INVENTEC

TITLE			
TETON			
Crestline-6			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01



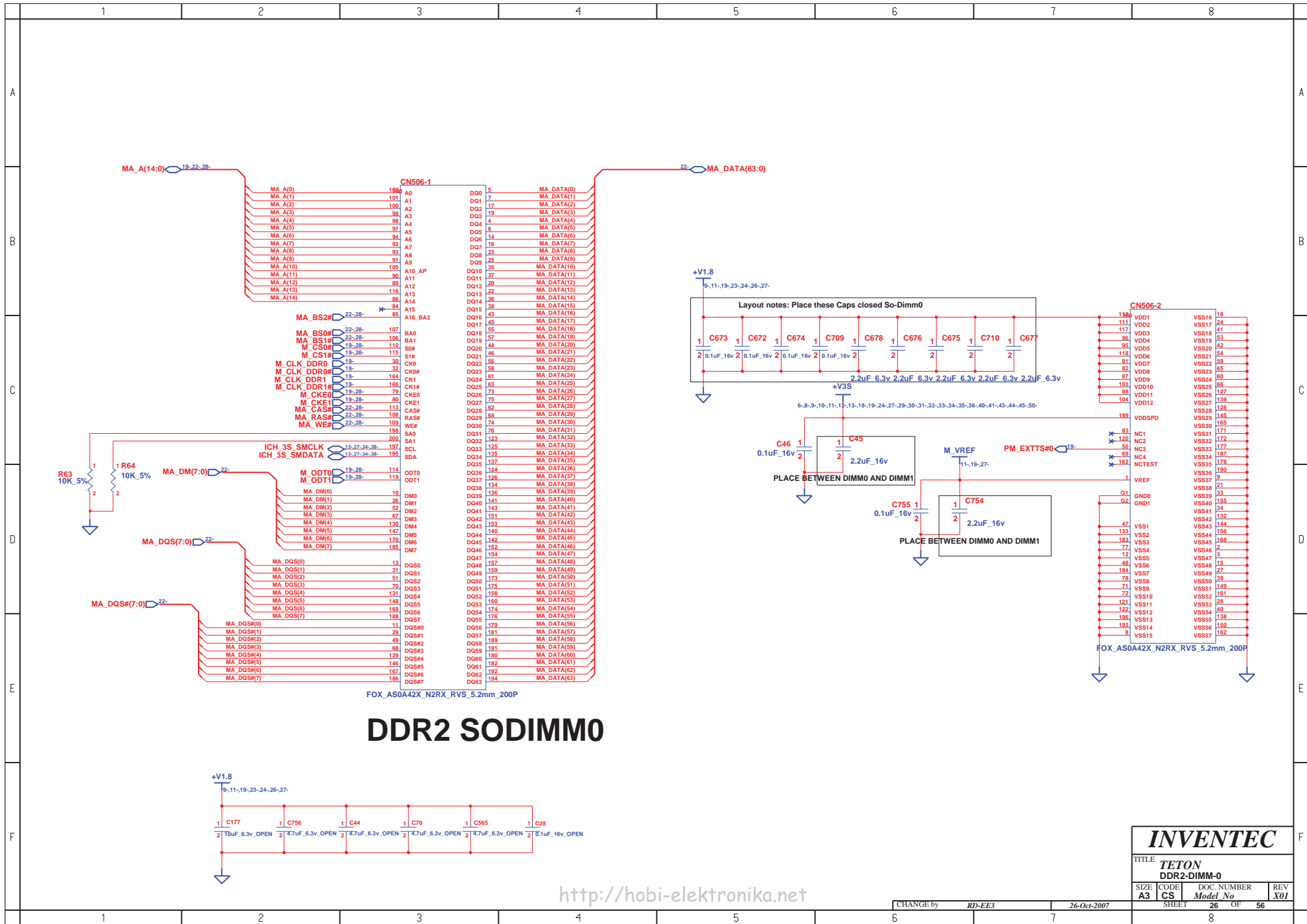
<http://hobi-elektronika.net>

INVENTEC

TITLE
TETON
Crestline-7

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
SHEET		25	OF 56

CHANGE by **RD-EE3** 7-Oct-2007

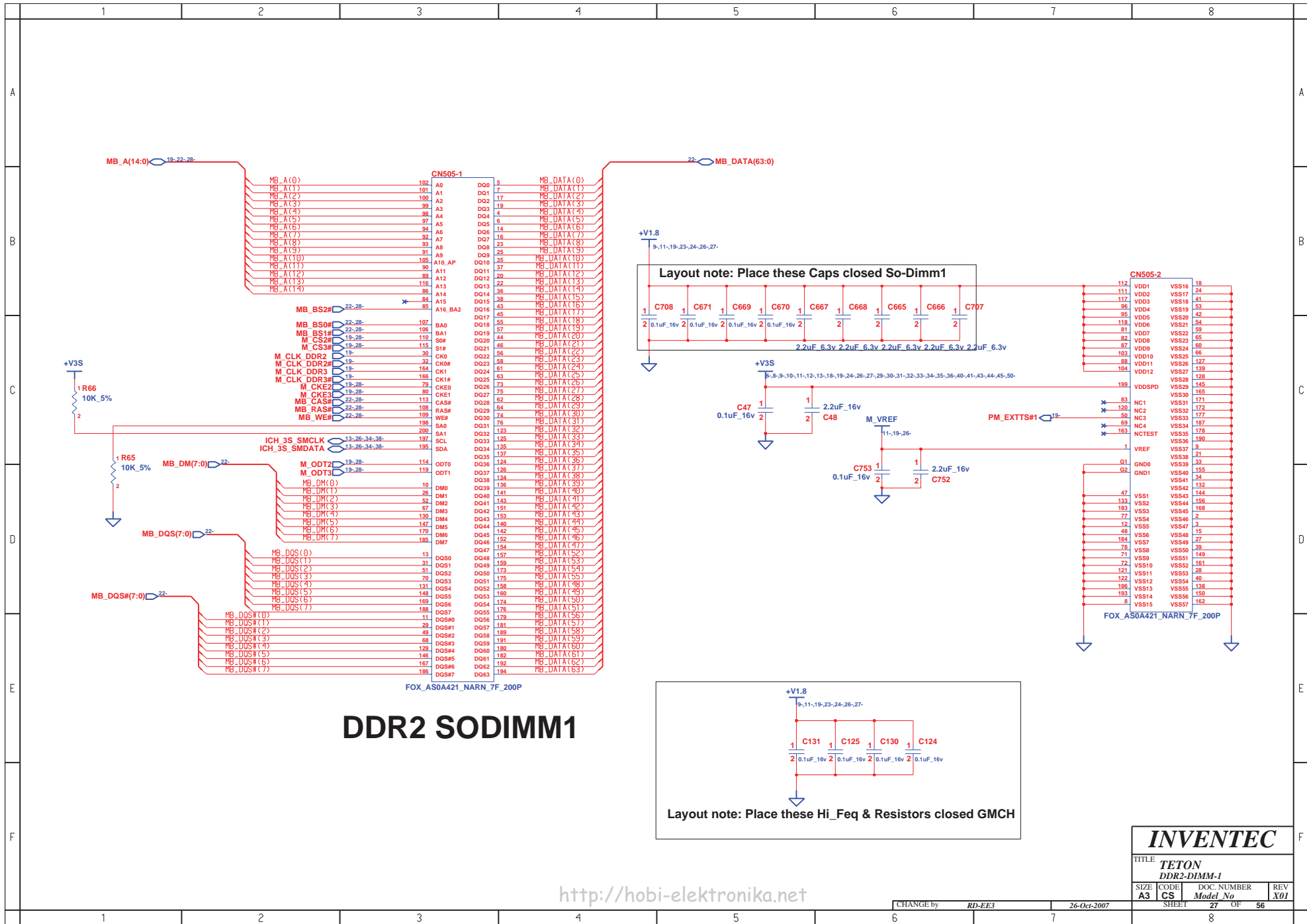


DDR2 SODIMM0

INVENTEC			
TITLE TETON			
DDR2-DIMM-0			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
SHEET 26		OF 56	

<http://hobi-elektronika.net>

CHANGE by **RD-EE3** 26-Oct-2007

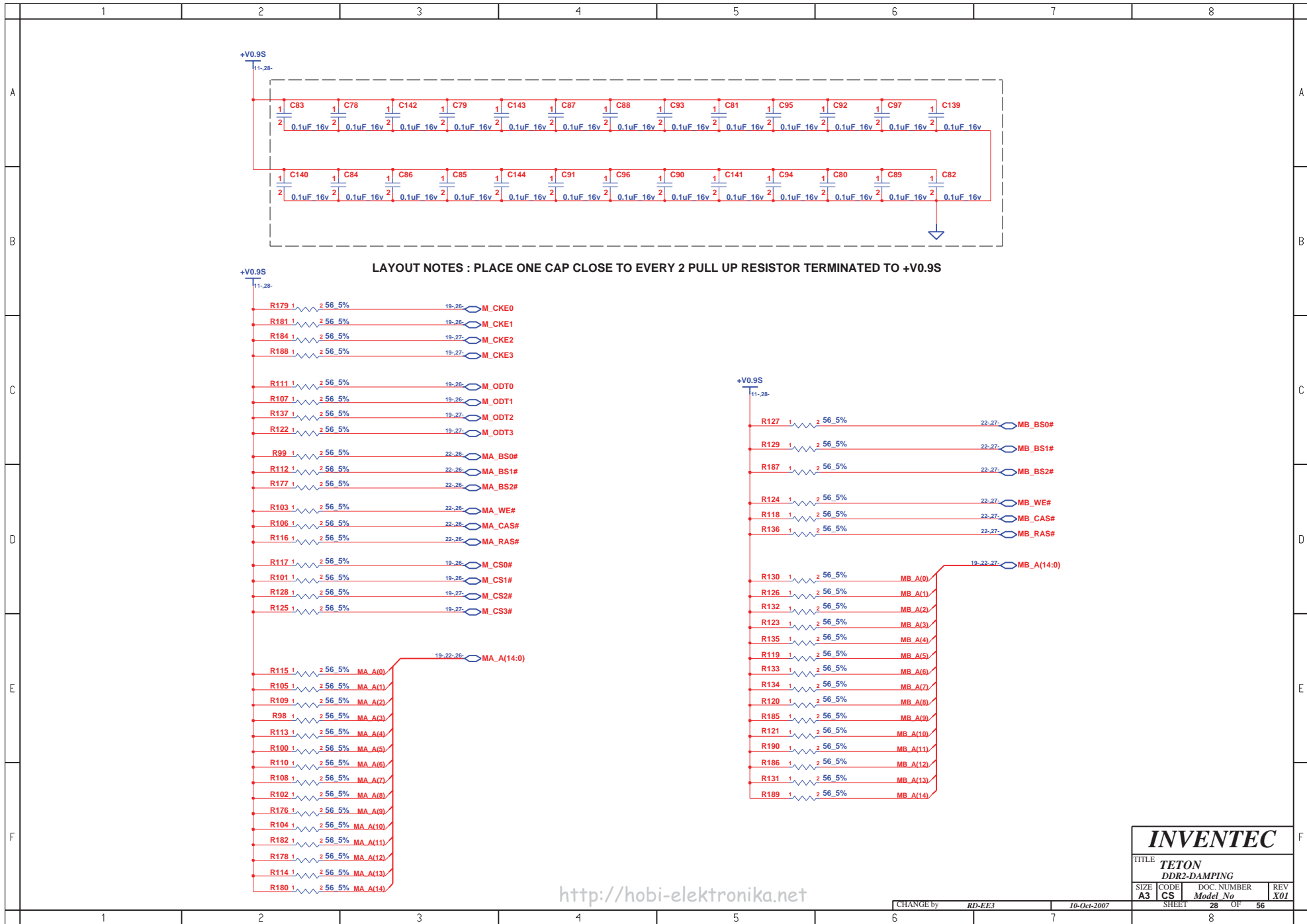


<http://hobi-elektronika.net>

INVENTEC

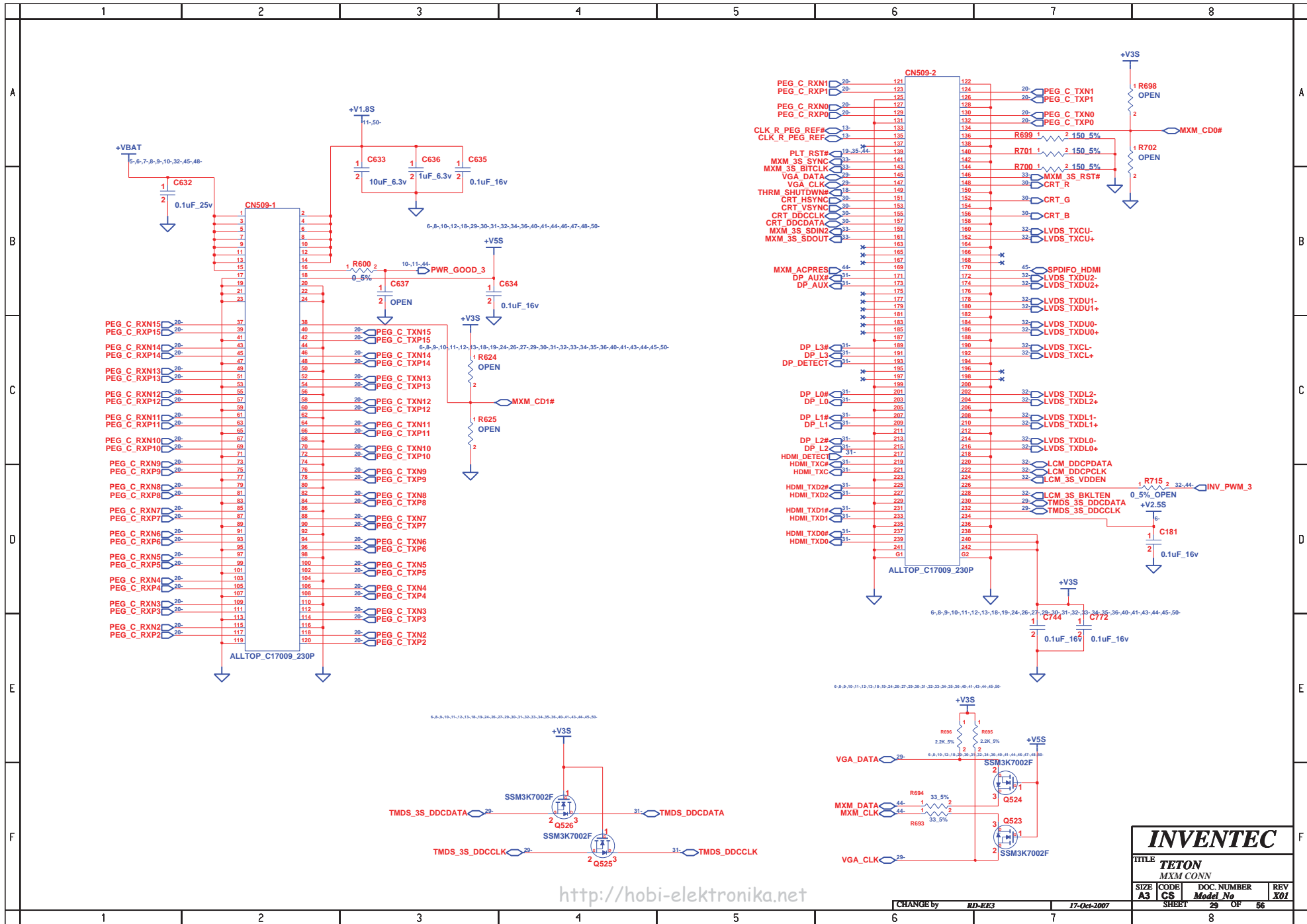
TITLE			
TETON			
DDR2-DIMM-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
SHEET 27			OF 56

CHANGE by RD-EE3 26-Oct-2007



INVENTEC			
TITLE TETON			
DDR2-DAMPING			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
CHANGE by RD-EE3		10-Oct-2007	
SHEET 28		OF 56	

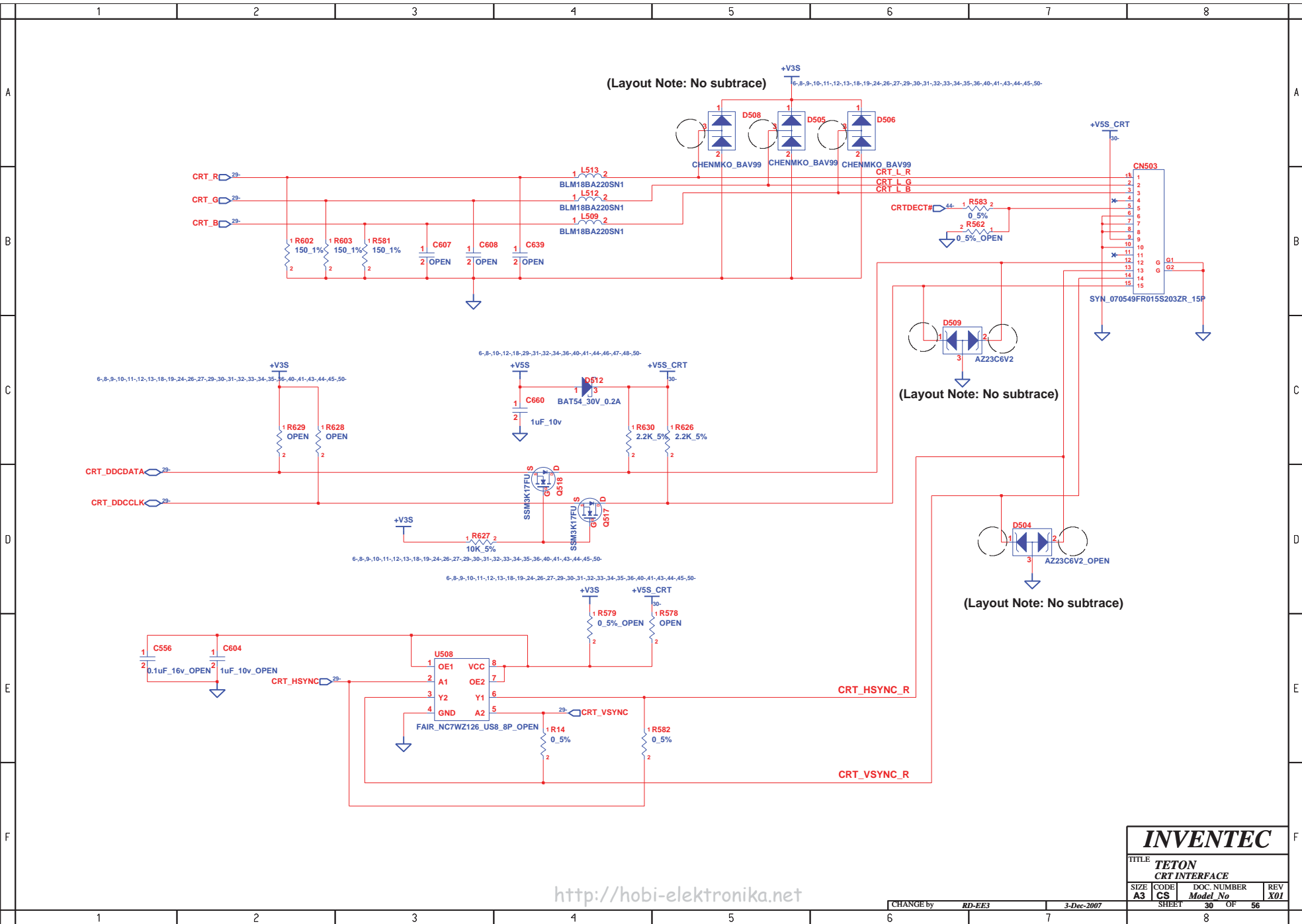
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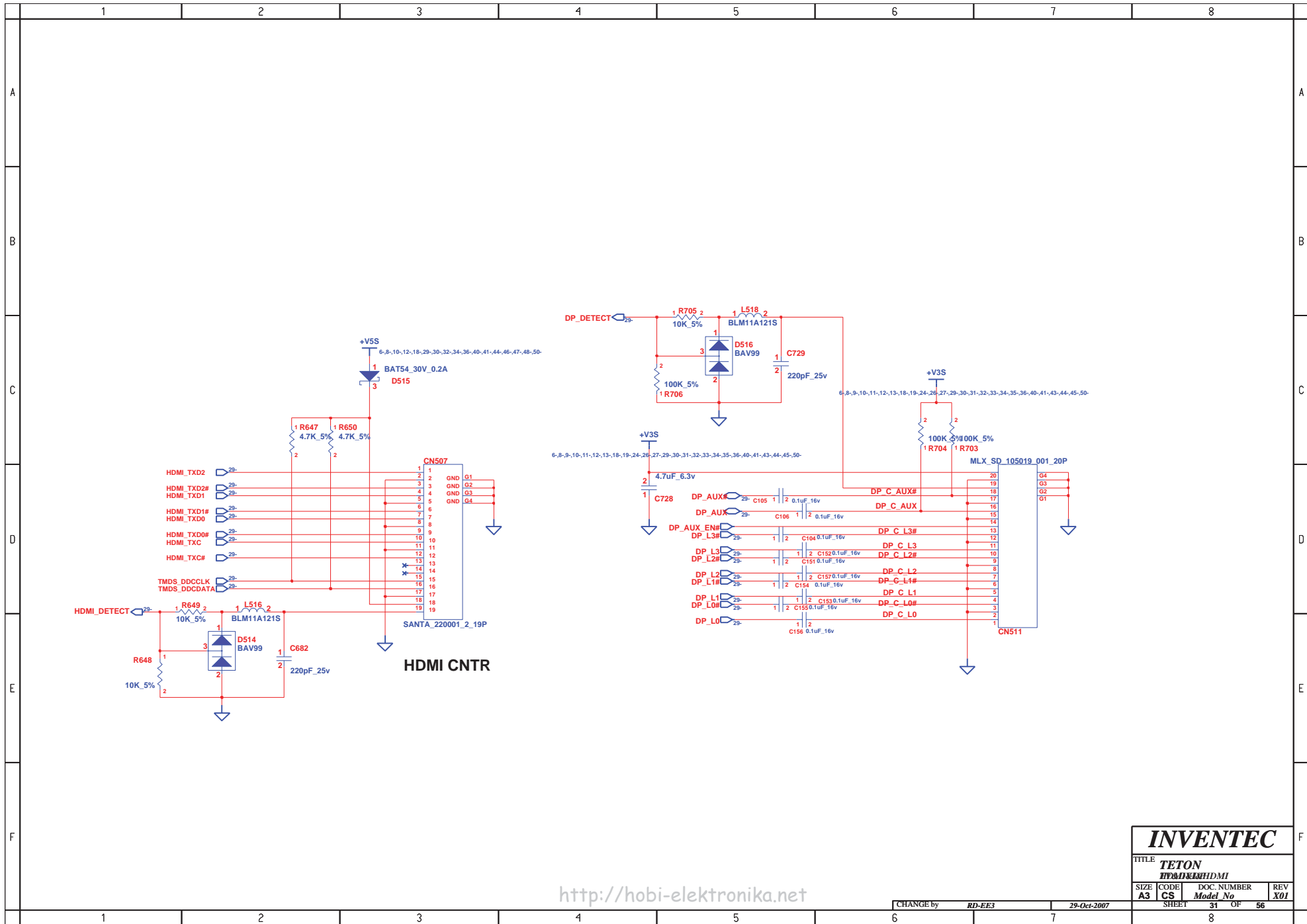
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CHANGE by **RD-EE3** 17-Oct-2007

INVENTEC			
TITLE TETON MXM CONN			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
SHEET 29		OF 56	



<http://hobi-elektronika.net>

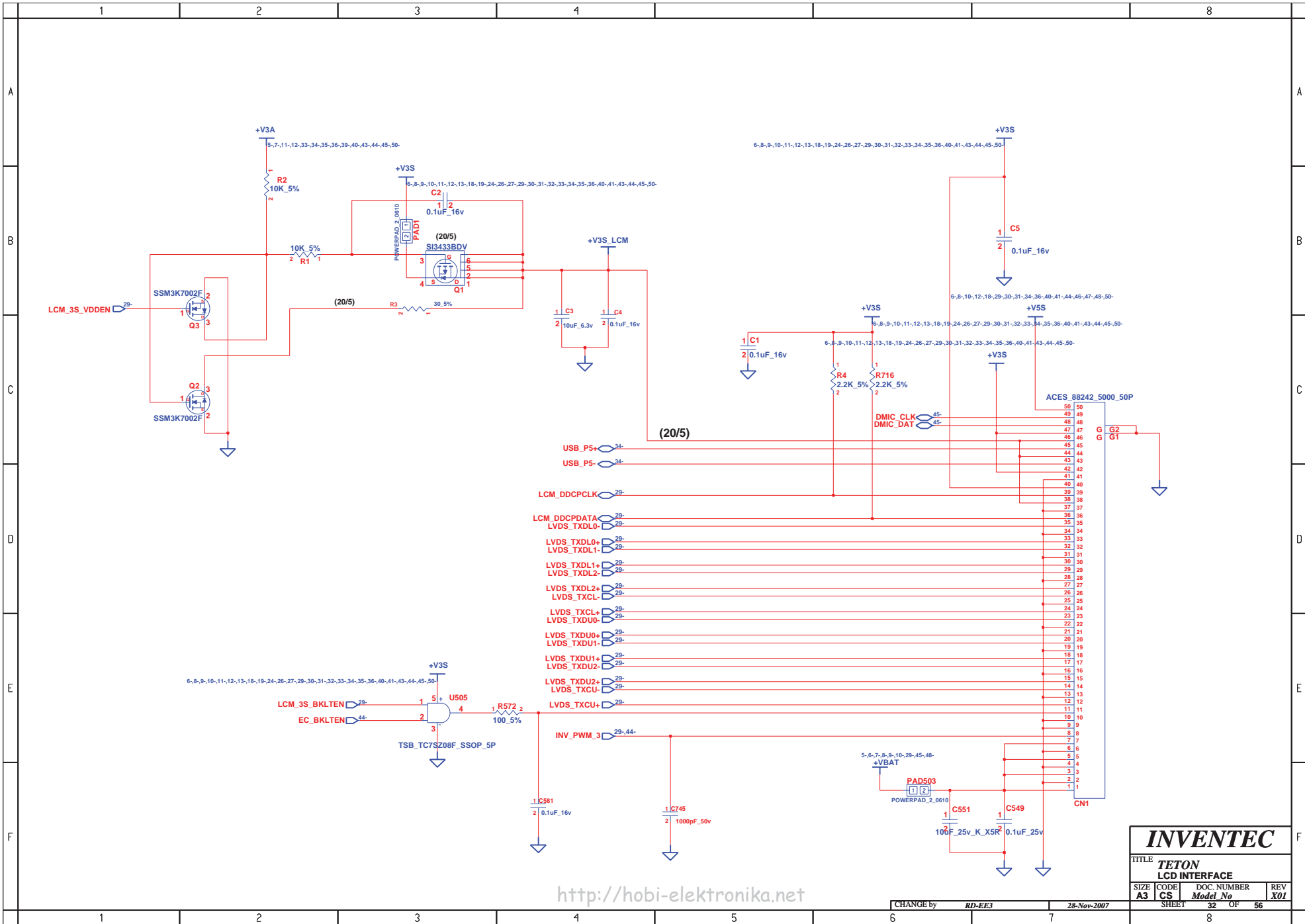


<http://hobi-elektronika.net>

INVENTEC

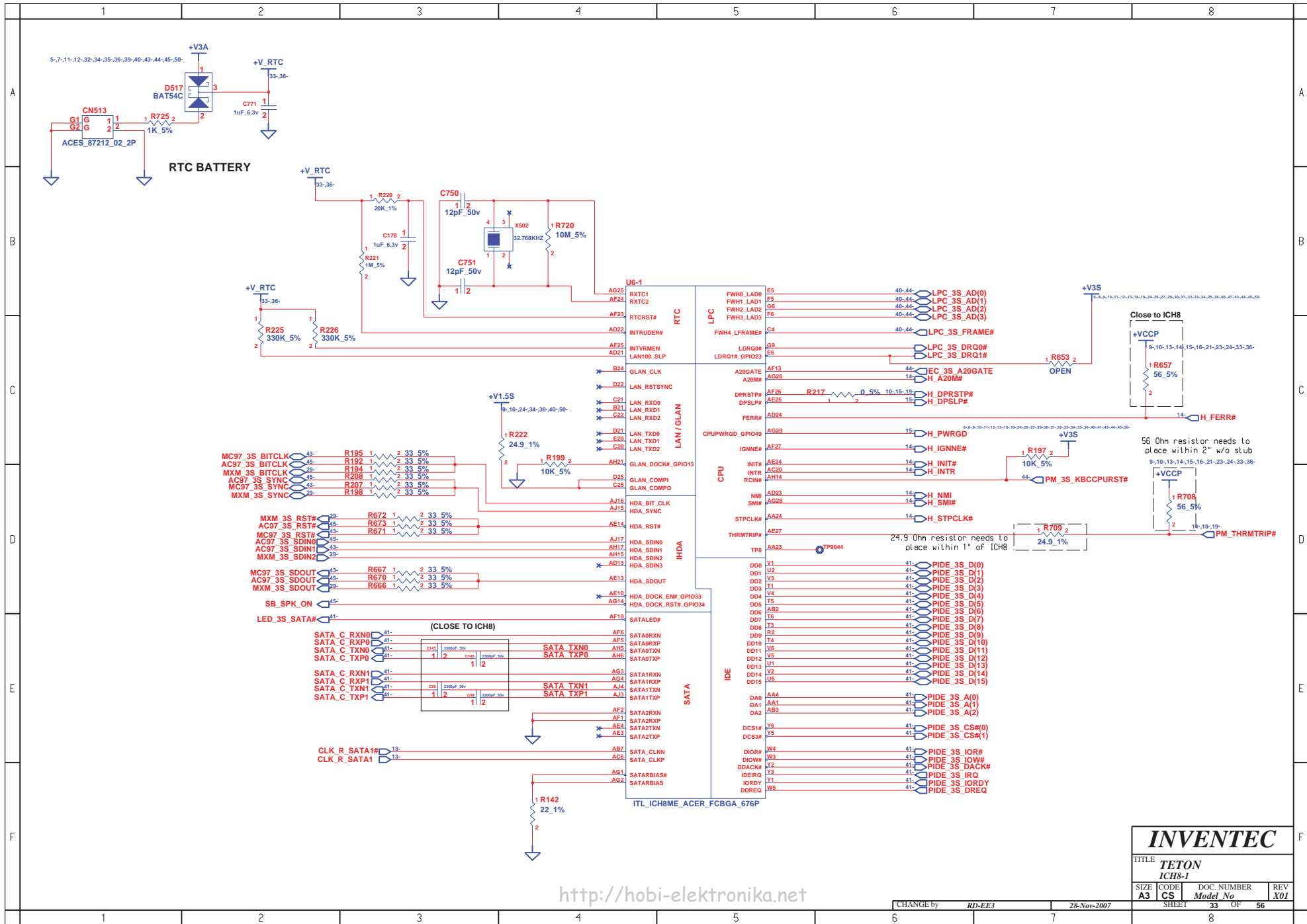
TITLE			
TETON			
HYM1R1R1HDMI			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
SHEET		31	OF 56

CHANGE by RD-EE3 29-Oct-2007



<http://hobi-elektronika.net>

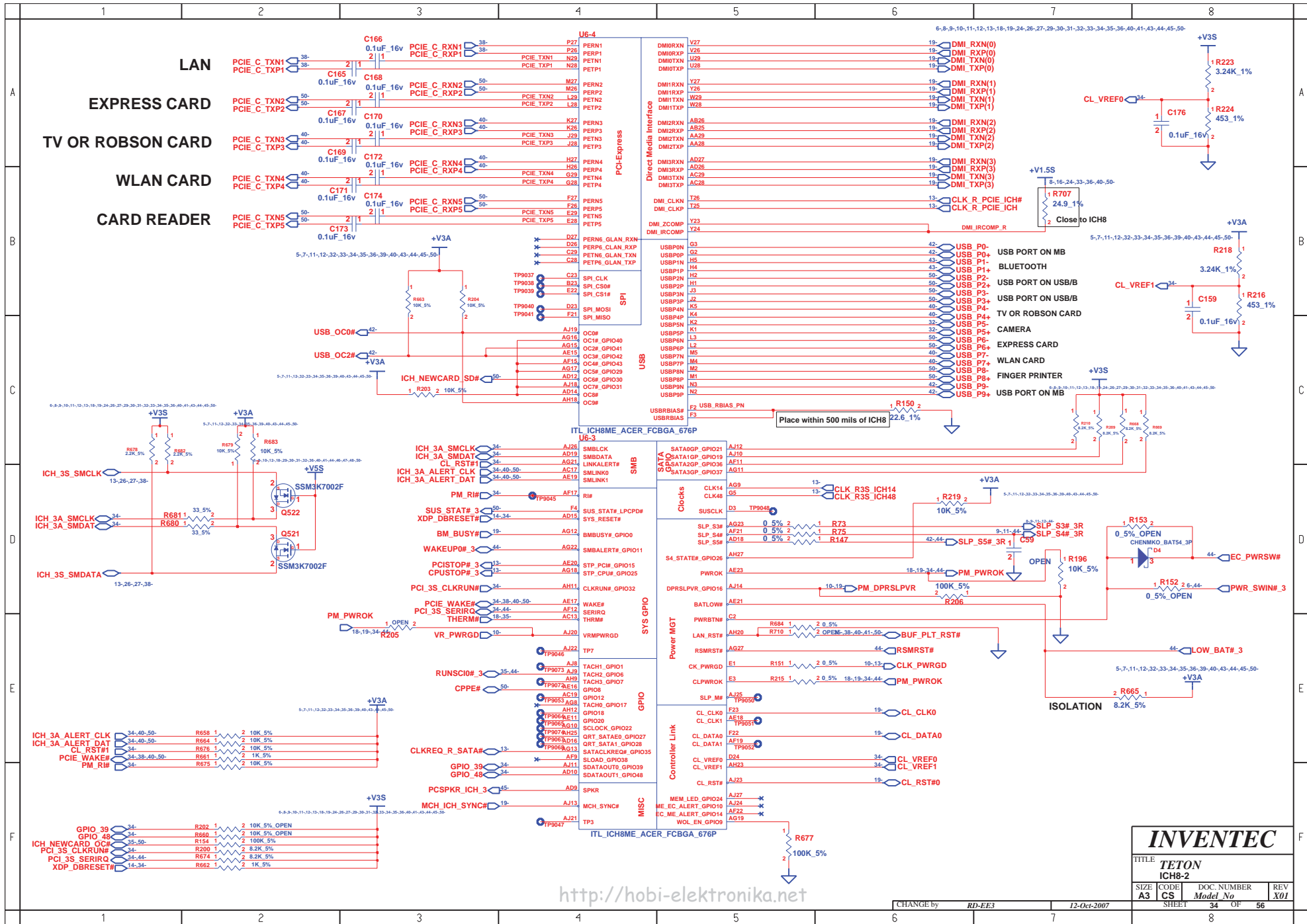
INVENTEC			
TITLE TETON LCD INTERFACE			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
CHANGE by RD-EE3		28-Nov-2007	
SHEET 32		OF 56	



<http://hobi-elektronika.net>

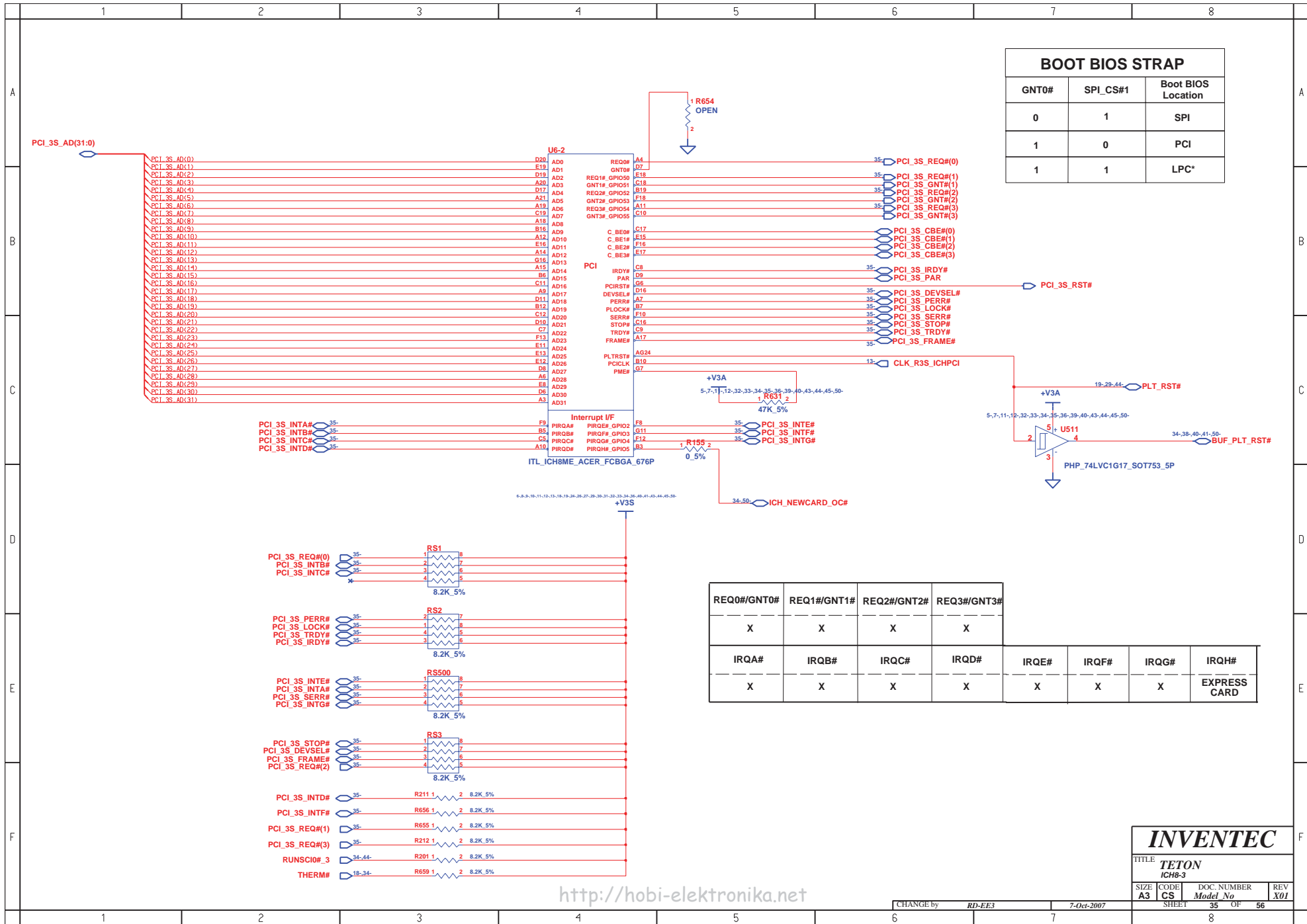
INVENTEC

TITLE			
TETON			
ICH8-1			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01



INVENTEC			
TITLE TETON ICH8-2			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by RD-EE3		12-Oct-2007	
SHEET 34		OF 56	

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

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

INVENTEC			
TITLE TETON ICH8-3			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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<http://hobi-elektronika.net>

CHANGE by RD-EE3 7-Oct-2007

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

U6-5

A23	VSS001	VSS099	K7
A5	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
AC26	VSS011	VSS109	M14
AC27	VSS012	VSS110	M15
AD17	VSS013	VSS111	M16
AD20	VSS014	VSS112	M17
AD28	VSS015	VSS113	M23
AD29	VSS016	VSS114	M28
AD3	VSS017	VSS115	M29
AD4	VSS018	VSS116	M5
AD6	VSS019	VSS117	M1
AE1	VSS020	VSS118	M11
AE12	VSS021	VSS119	M12
AE2	VSS022	VSS120	M13
AE22	VSS023	VSS121	M14
AD1	VSS024	VSS122	M15
AE29	VSS025	VSS123	M16
AE5	VSS026	VSS124	M17
AE6	VSS027	VSS125	M18
AE9	VSS028	VSS126	N26
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
B8	VSS055	VSS153	T15
C24	VSS056	VSS154	T16
C25	VSS057	VSS155	T17
C27	VSS058	VSS156	T2
C6	VSS059	VSS157	T12
D12	VSS060	VSS158	U14
D15	VSS061	VSS159	U14
D18	VSS062	VSS160	U15
D2	VSS063	VSS161	U16
D4	VSS064	VSS162	U17
E21	VSS065	VSS163	U23
E24	VSS066	VSS164	U26
E4	VSS067	VSS165	U27
E9	VSS068	VSS166	U3
F15	VSS069	VSS167	U5
E23	VSS070	VSS168	V13
F28	VSS071	VSS169	V15
F29	VSS072	VSS170	V26
F7	VSS073	VSS171	V29
G1	VSS074	VSS172	W2
E2	VSS075	VSS173	W26
G10	VSS076	VSS174	W27
G13	VSS077	VSS175	Y28
G19	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	U4
H3	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	AJ1
K23	VSS094	VSS_NCTF_08	AJ2
K28	VSS095	VSS_NCTF_09	AJ28
K29	VSS096	VSS_NCTF_010	AJ29
K3	VSS097	VSS_NCTF_011	B1
K6	VSS098	VSS_NCTF_012	B29

ITL_ICH8ME_ACER_FCBGA_676P

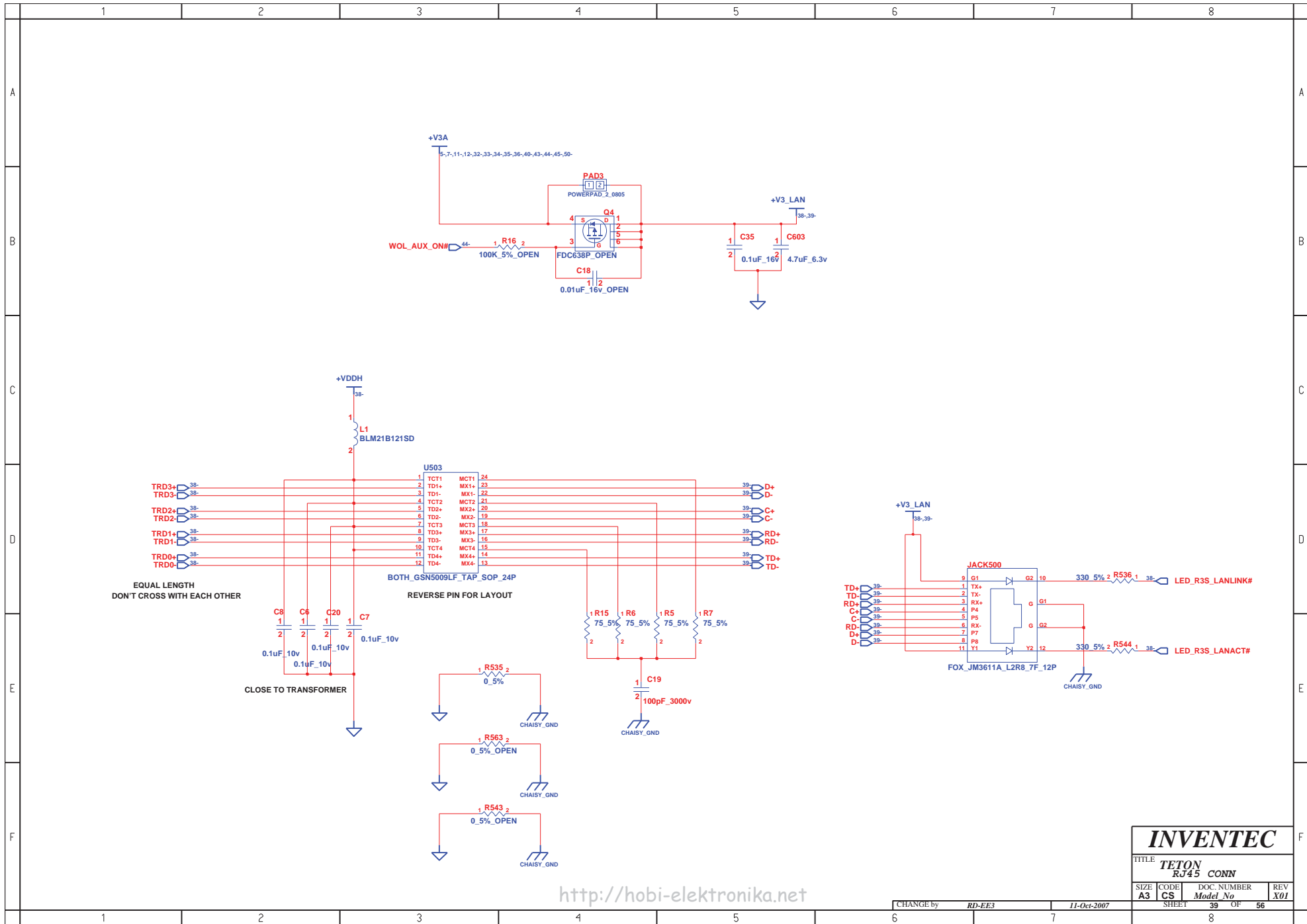
<http://hobi-elektronika.net>

INVENTEC

TITLE TETON			
IC8-5			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
SHEET		37 OF	56

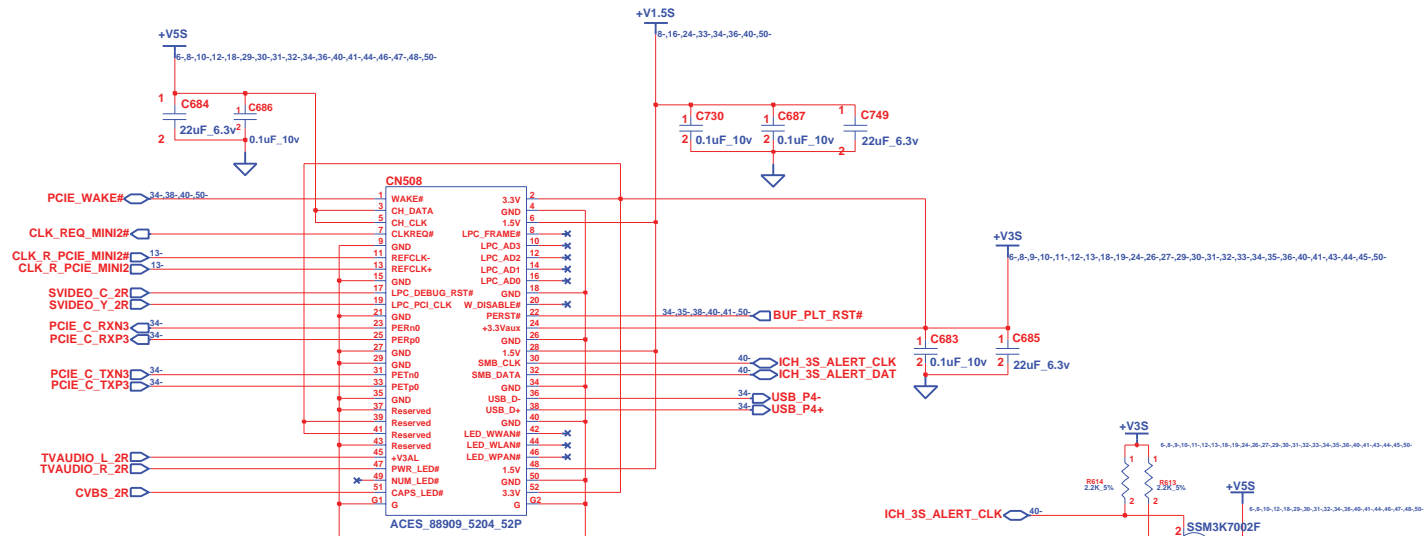
CHANGE by **RD-EE3** 7-Oct-2007

	1	2	3	4	5	6	7	8
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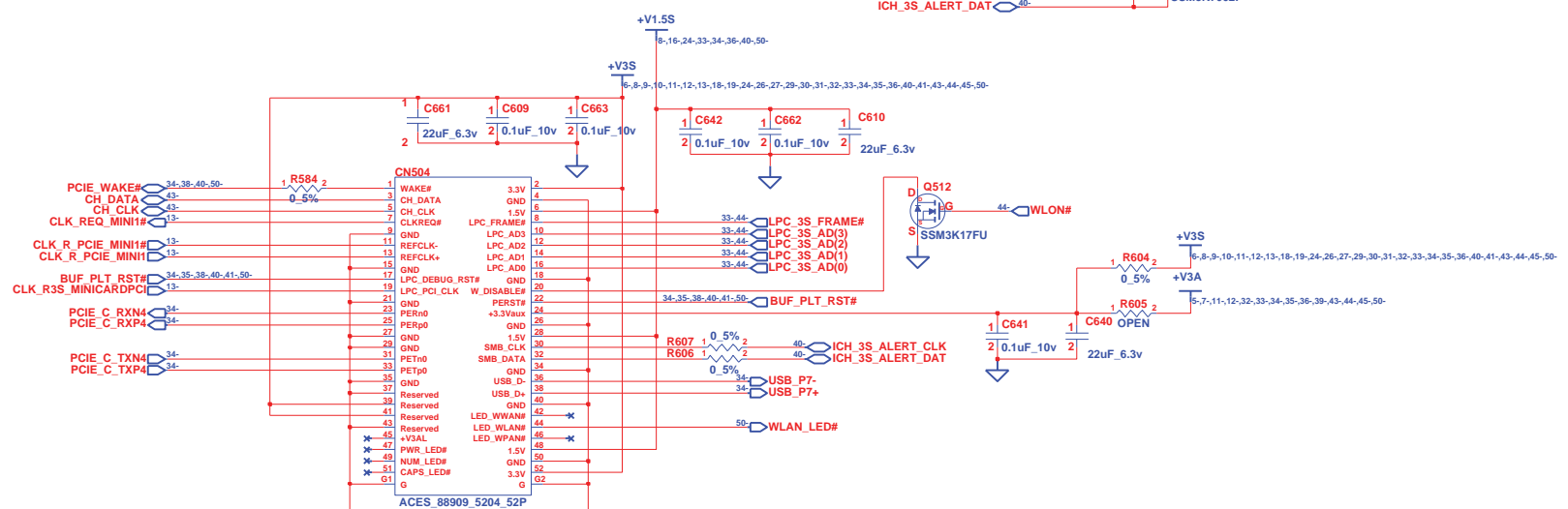


<http://hobi-elektronika.net>

INVENTEC			
TITLE TETON RJ45 CONN			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
CHANGE by RD-EE3		11-Oct-2007	
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(TV Tuner or ROBSON)

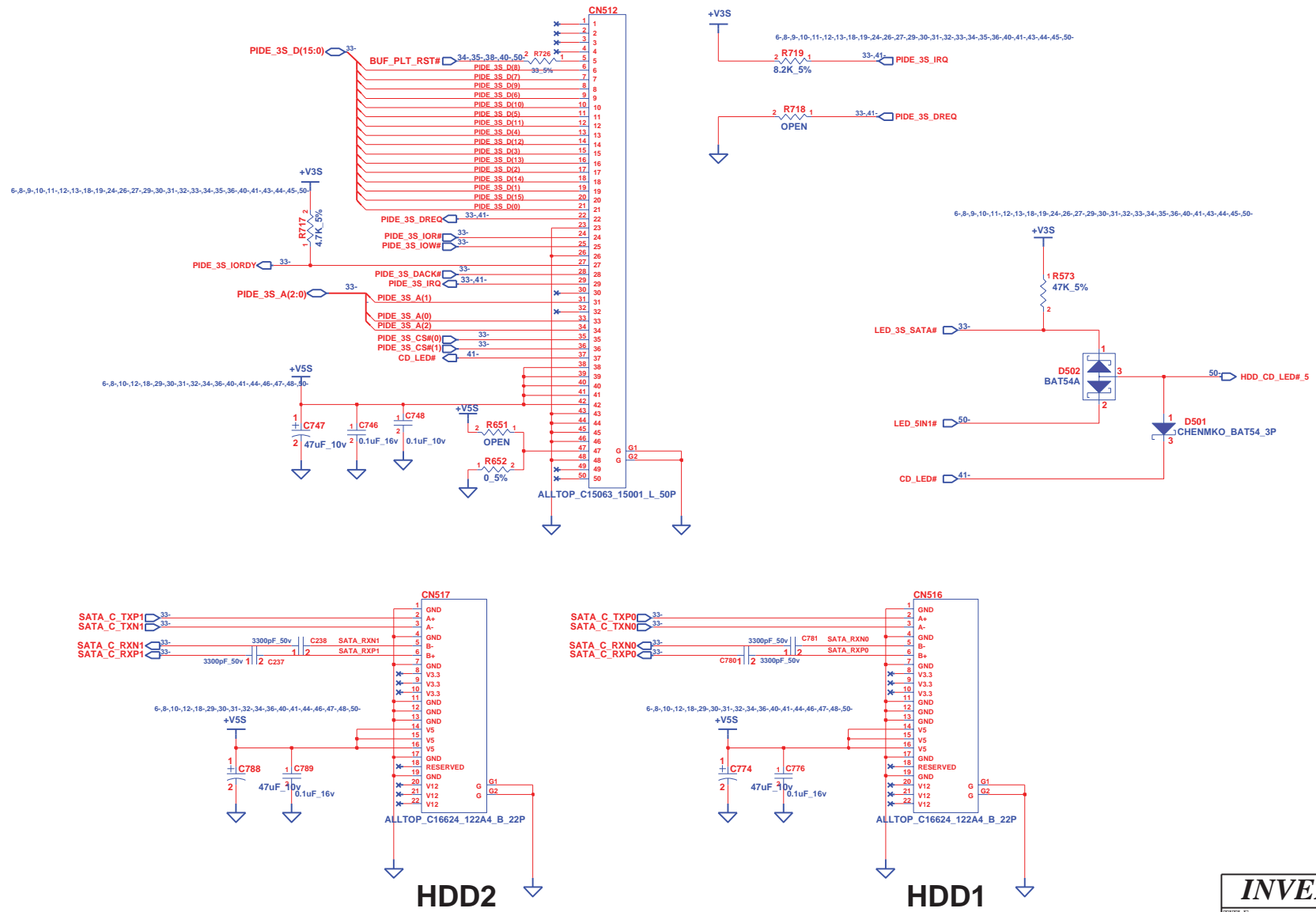


(Wireless LAN)

<http://hobi-elektronika.net>

INVENTEC			
TITLE TETON MINI CARD			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by RD-EE3		11-Oct-2007	
SHEET 40		OF 56	

ODD

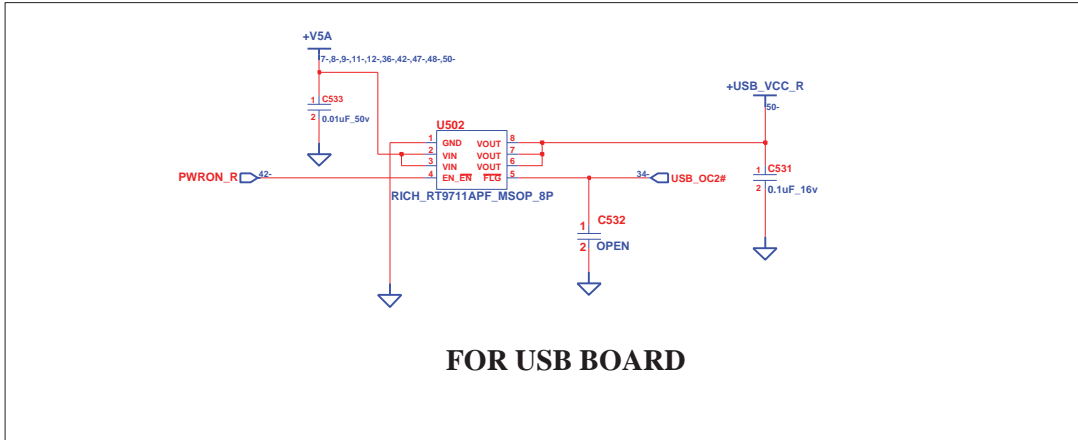


<http://hobi-elektronika.net>

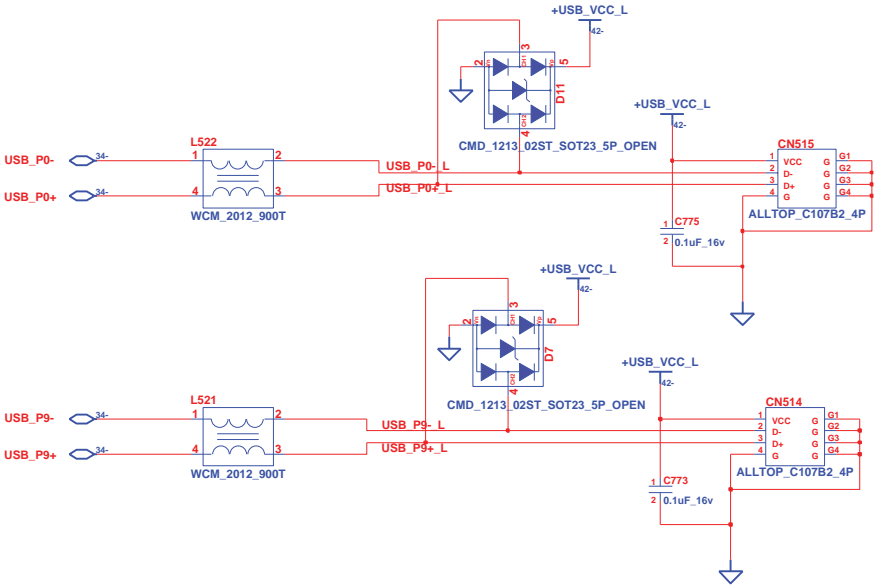
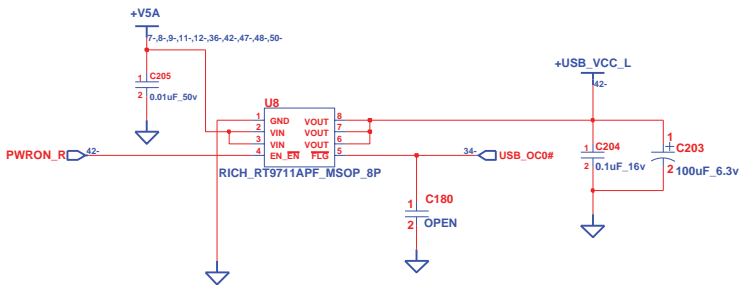
INVENTEC

TITLE			
TETON			
ODD & HDD CONN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
SHEET		41	OF 56

CHANGE by RD-EE3 17-Oct-2007



FOR USB BOARD



SLP_S5#_3R 34-44- R227 1 2 0.5%
 USB_PWRON 44- R233 1 2 0.5% OPEN → PWRON_R

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

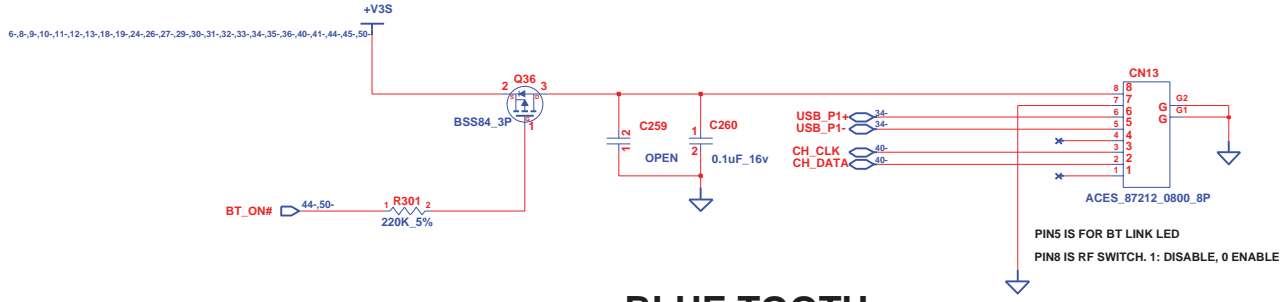
INVENTEC

TITLE
TETON
 USB CONN

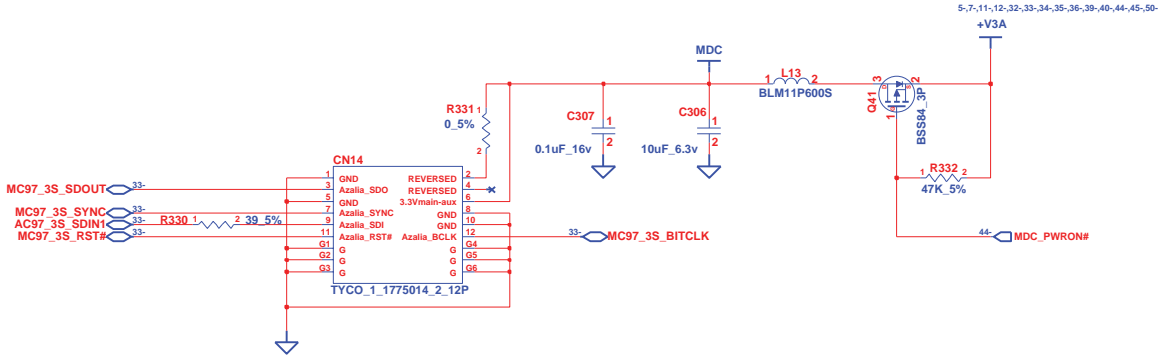
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
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SHEET 42 OF 56

<http://hobi-elektronika.net>



BLUE TOOTH



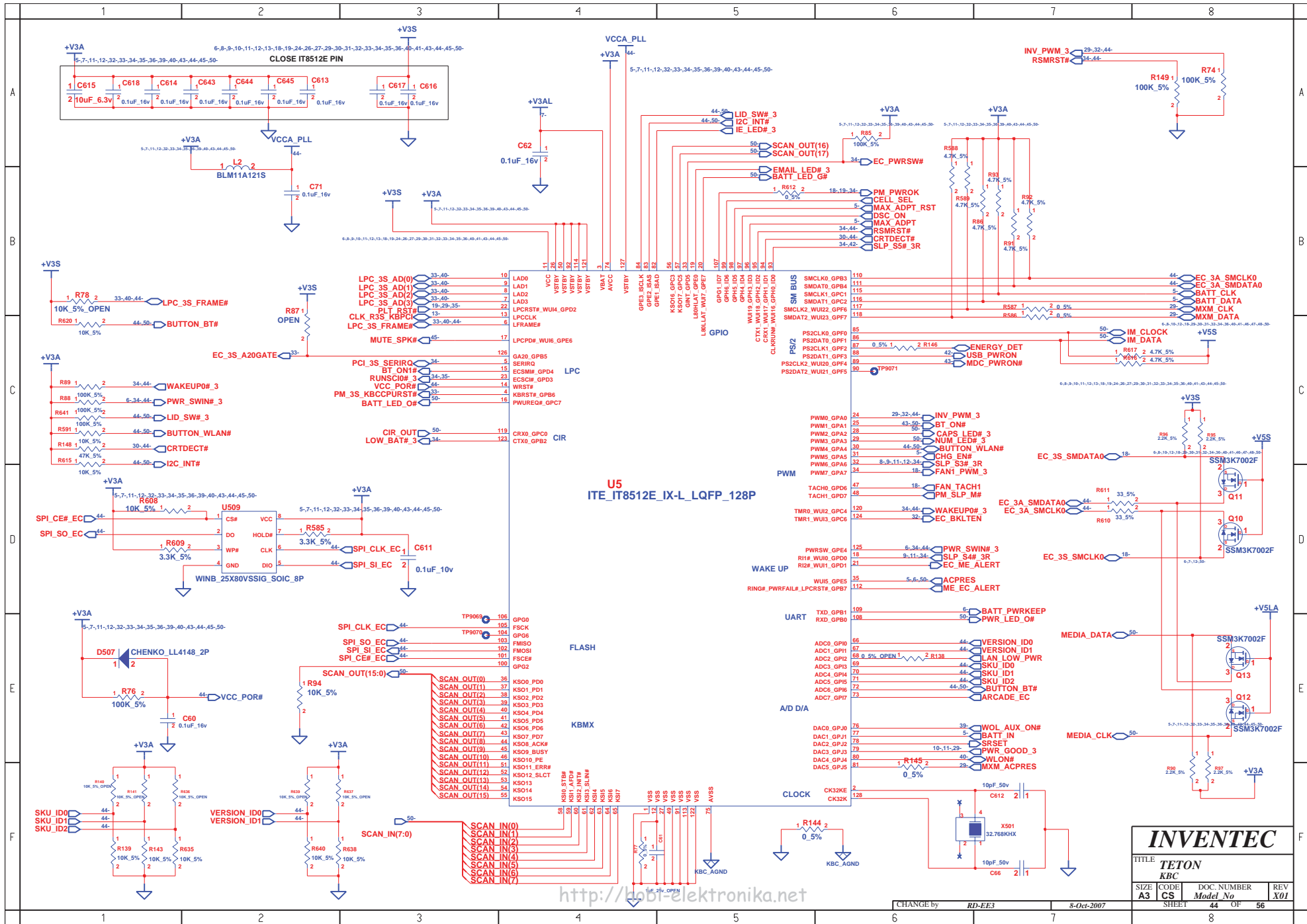
MDC

INVENTEC

TITLE			
TETON			
BLUETOOTH			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
SHEET		43	OF 56

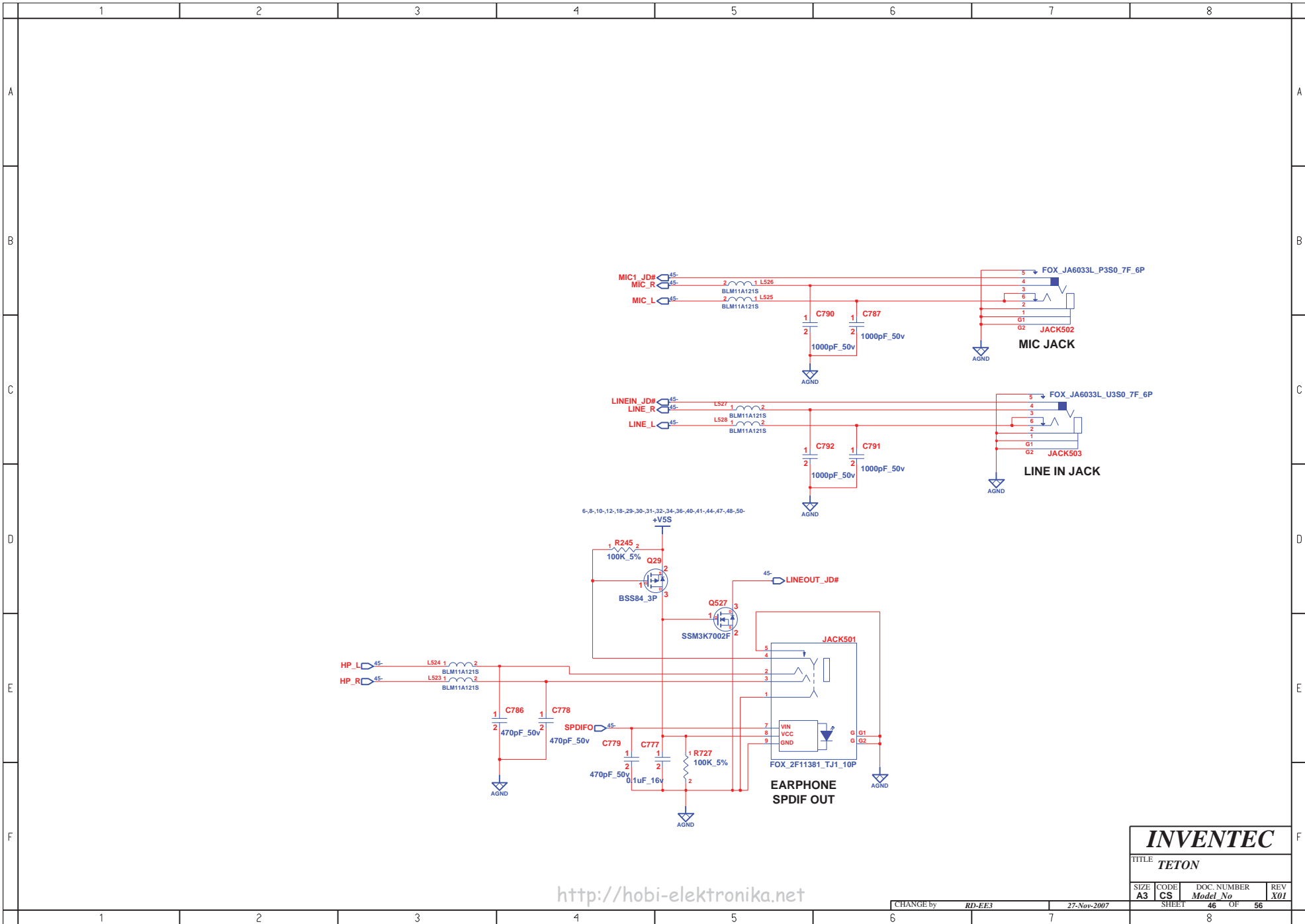
<http://hobi-elektronika.net>

CHANGE by RD-EE3 24-Oct-2007



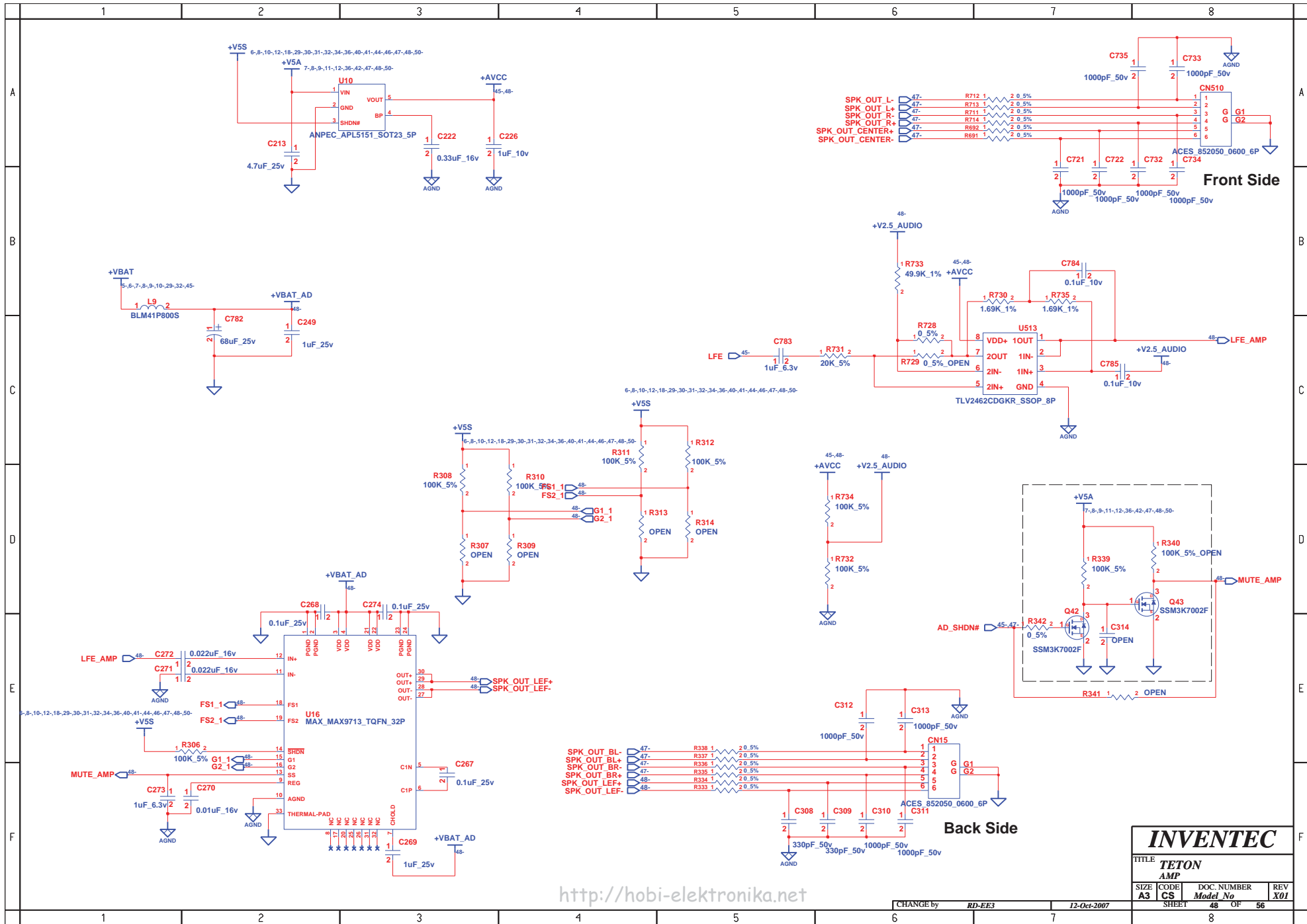
<http://hobi-elektronika.net>

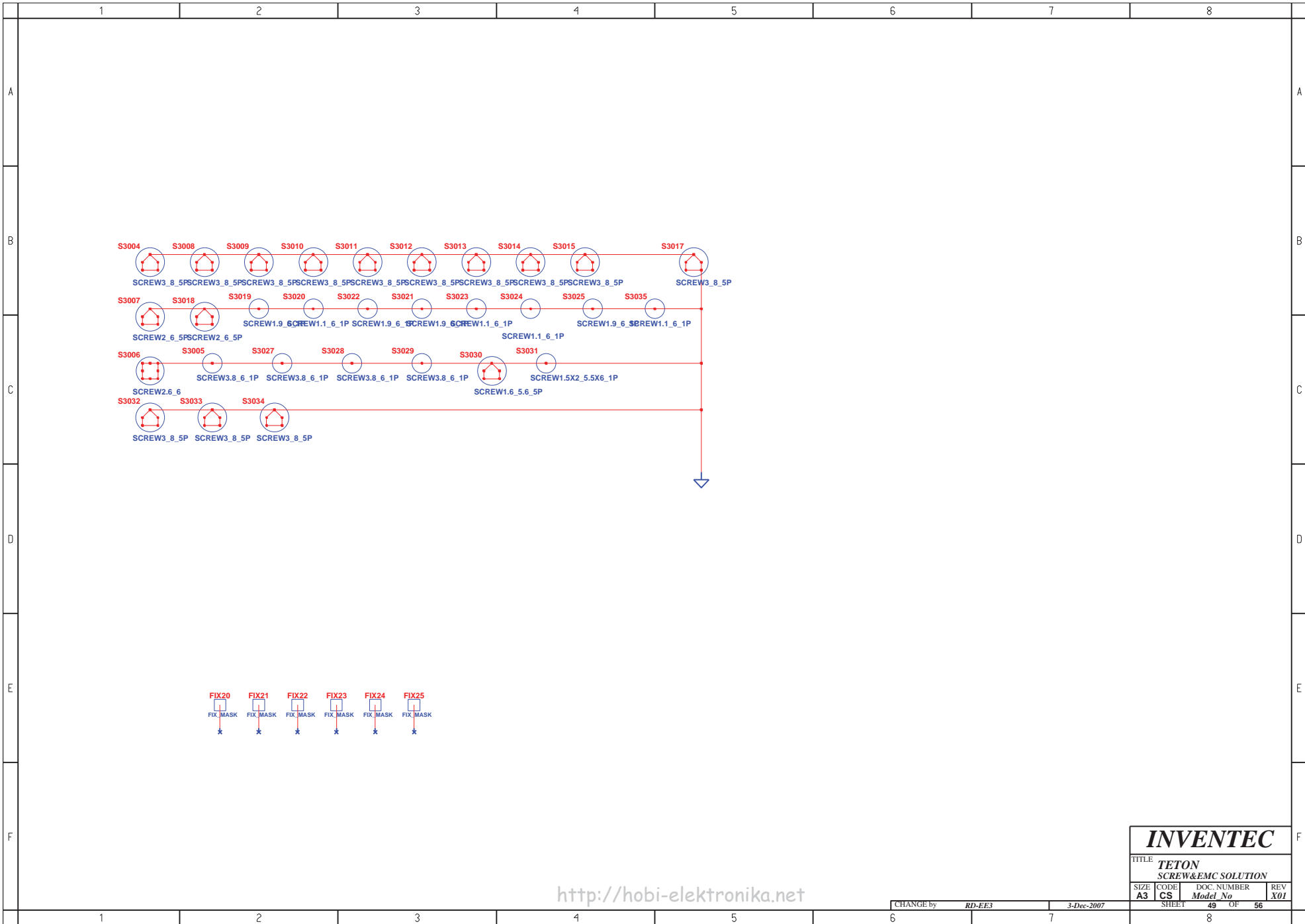
INVENTEC			
TITLE TETON			
KBC			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by RD-EE3		8-Oct-2007	
SHEET 44		OF 56	



<http://hobi-elektronika.net>

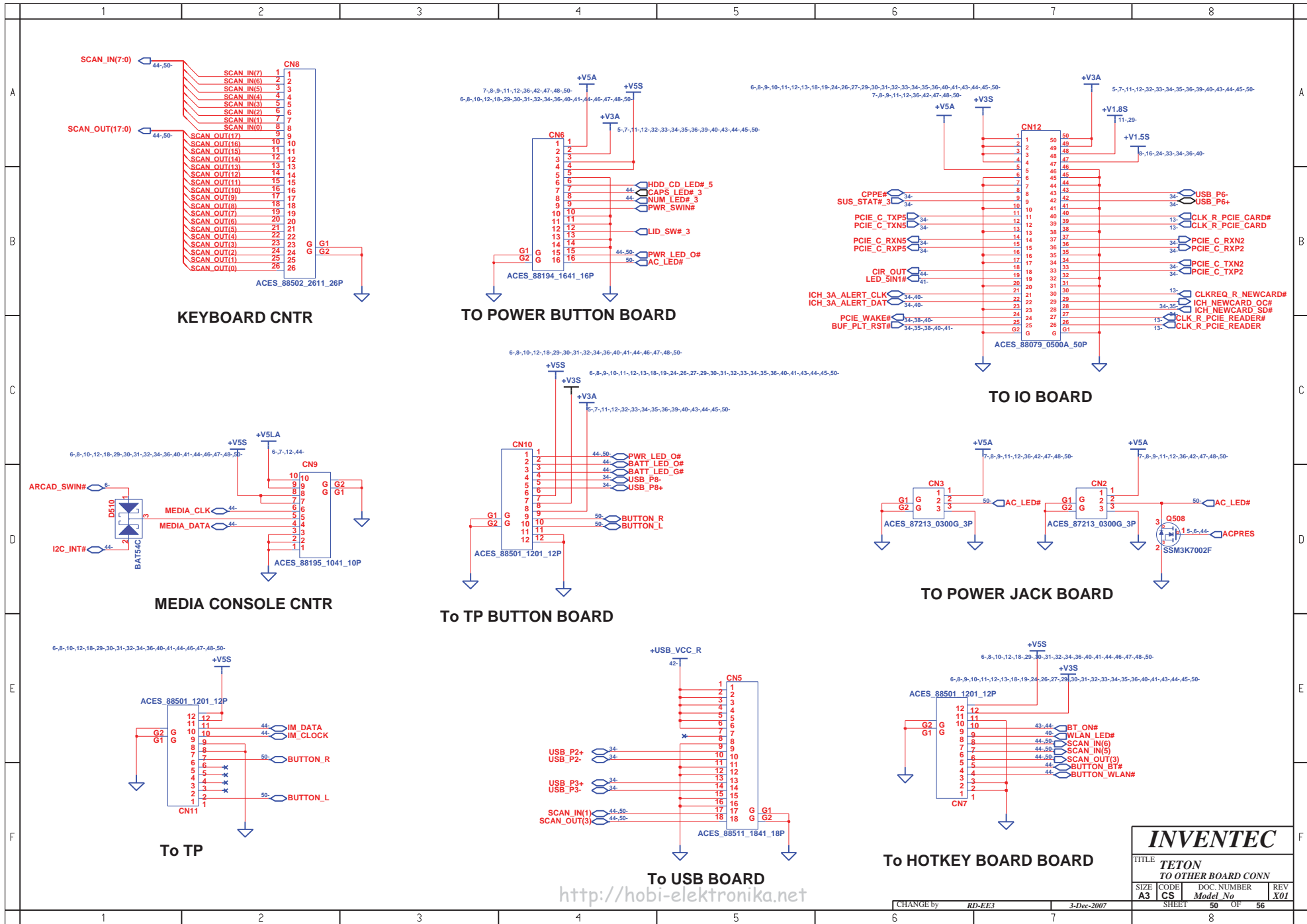
INVENTEC			
TITLE TETON			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
CHANGE by RD-EE3		27-Nov-2007	
SHEET		46 OF 56	





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INVENTEC			
TITLE TETON			
SCREW&EMC SOLUTION			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
CHANGE by RD-EE3		3-Dec-2007	
SHEET		49	OF 56
		8	



KEYBOARD CNTR

TO POWER BUTTON BOARD

TO IO BOARD

MEDIA CONSOLE CNTR

To TP BUTTON BOARD

TO POWER JACK BOARD

To TP

To USB BOARD

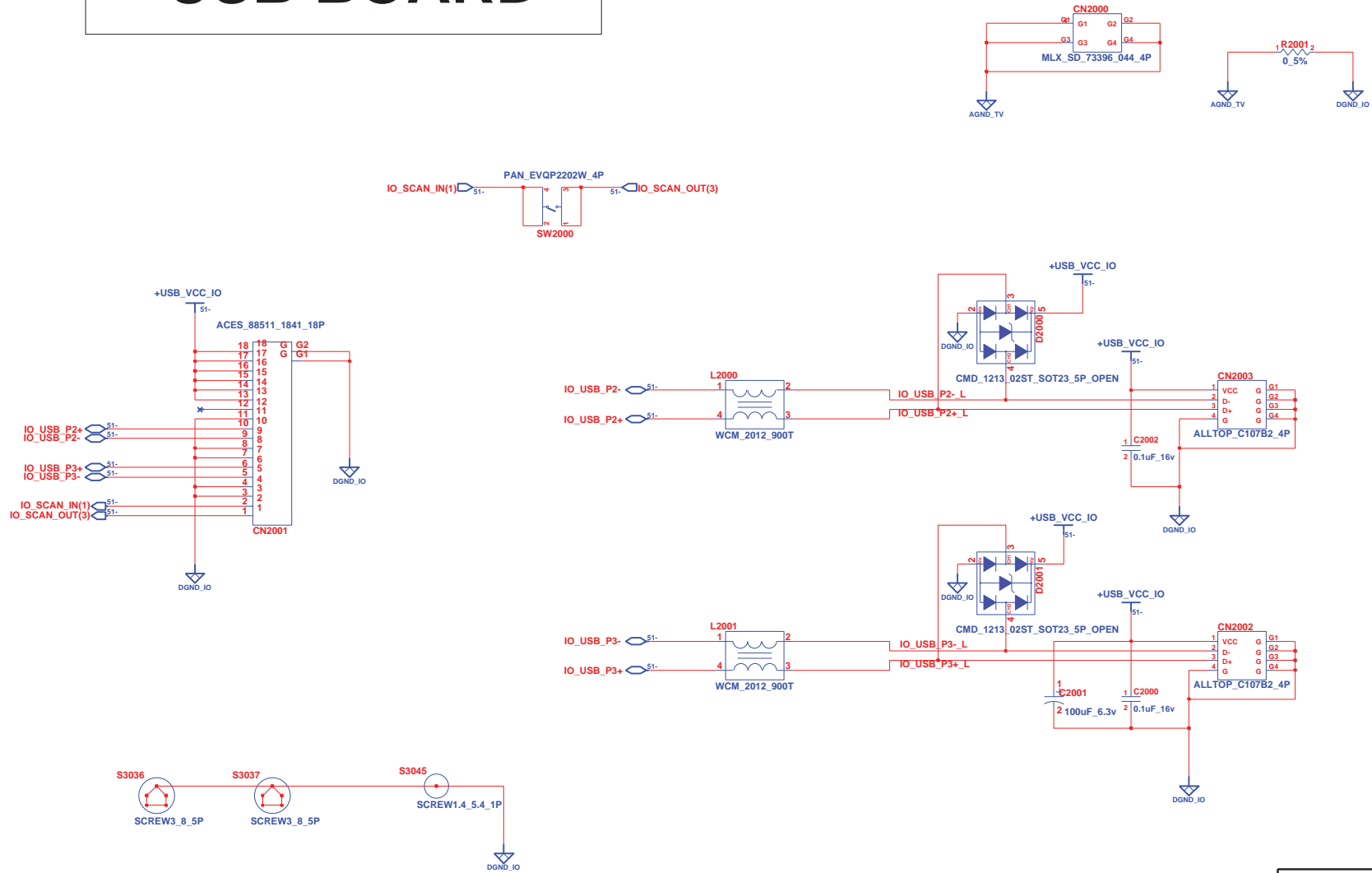
To HOTKEY BOARD BOARD

<http://hobi-elektronika.net>

INVENTEC				
TITLE TETON TO OTHER BOARD CONN				
SIZE	CODE	DOC. NUMBER	REV	
A3	CS	Model No	X01	
CHANGE by			SHEET	OF
RD-EE3			50	56
3-Dec-2007				

USB BOARD

TV ANT



<http://hobi-elektronika.net>

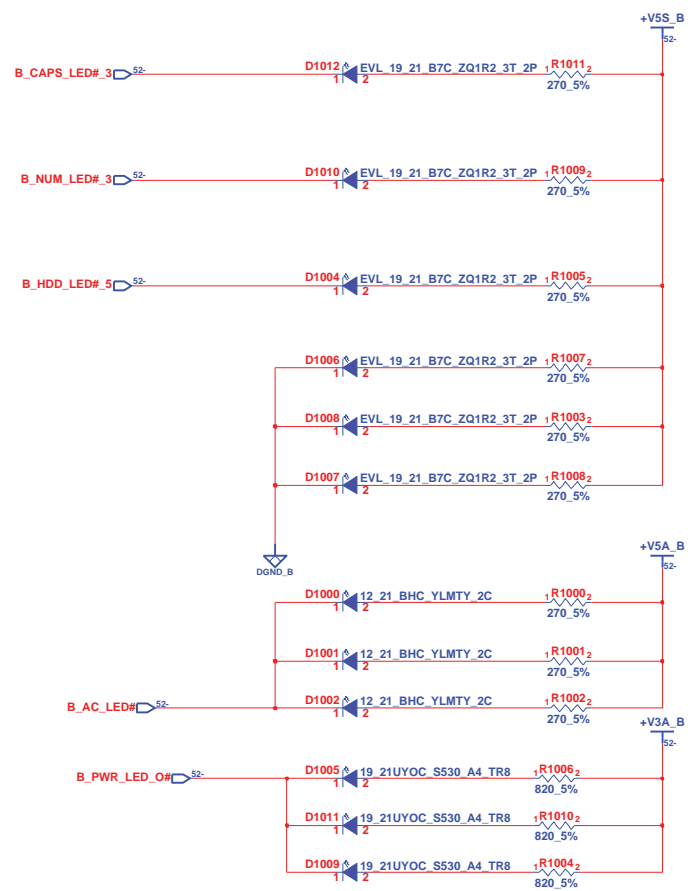
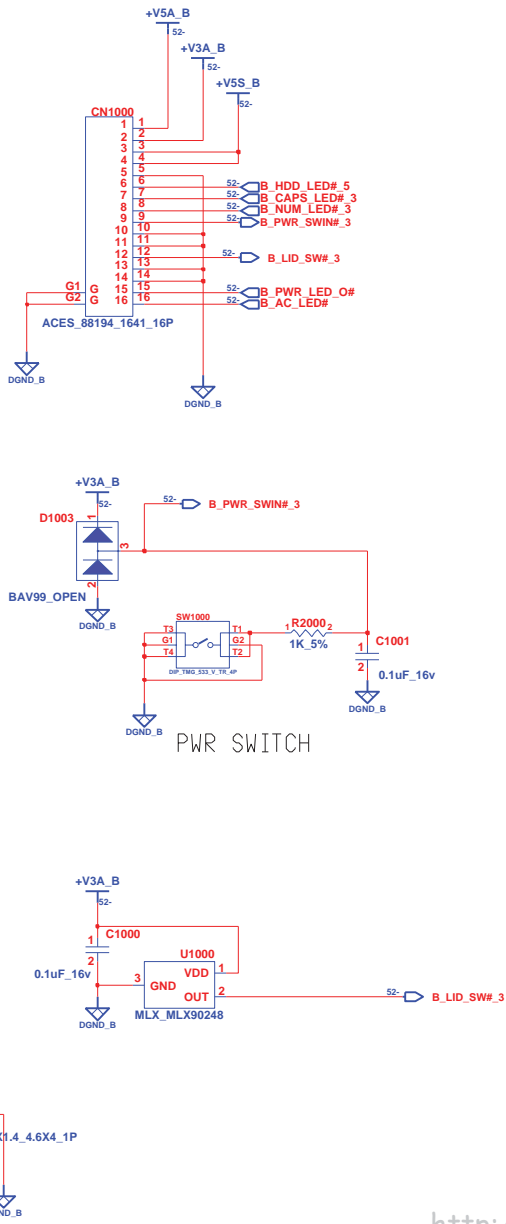
INVENTEC

TITLE			
TETON			
USB BOARD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
SHEET		51	OF 56

CHANGE by RD-EE3 22-Oct-2007

8

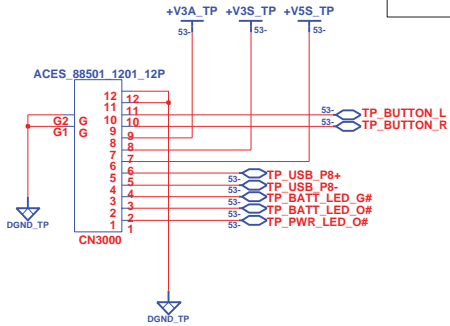
PowerButton Board



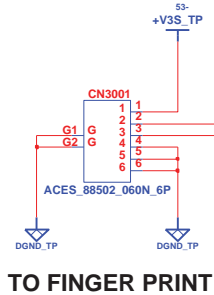
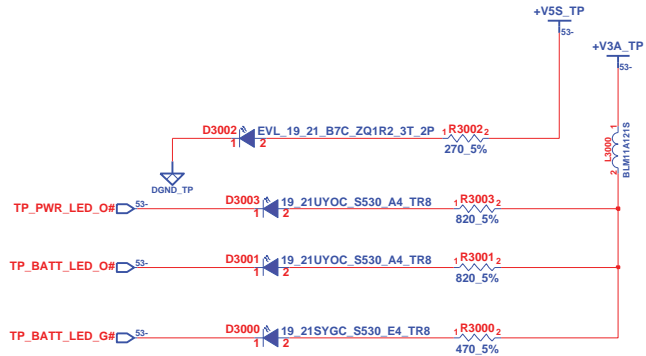
INVENTEC			
TITLE TETON			
POWER BUTTON BOARD			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV X01
CHANGE by RD-EE3		27-Nov-2007	
SHEET 52		OF 56	

<http://hobi-elektronika.net>

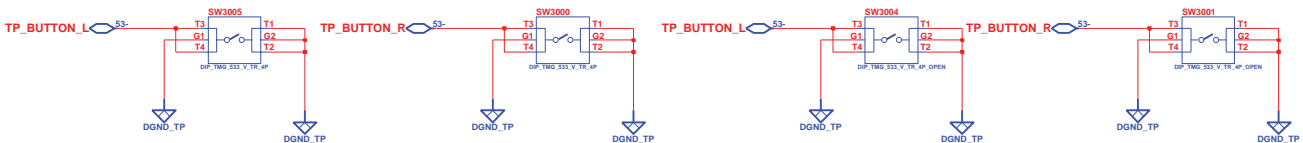
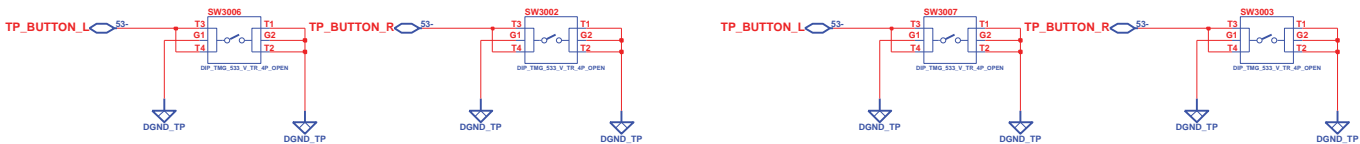
TOUCH PAD BUTTON BOARD



TO MB



TO FINGER PRINT

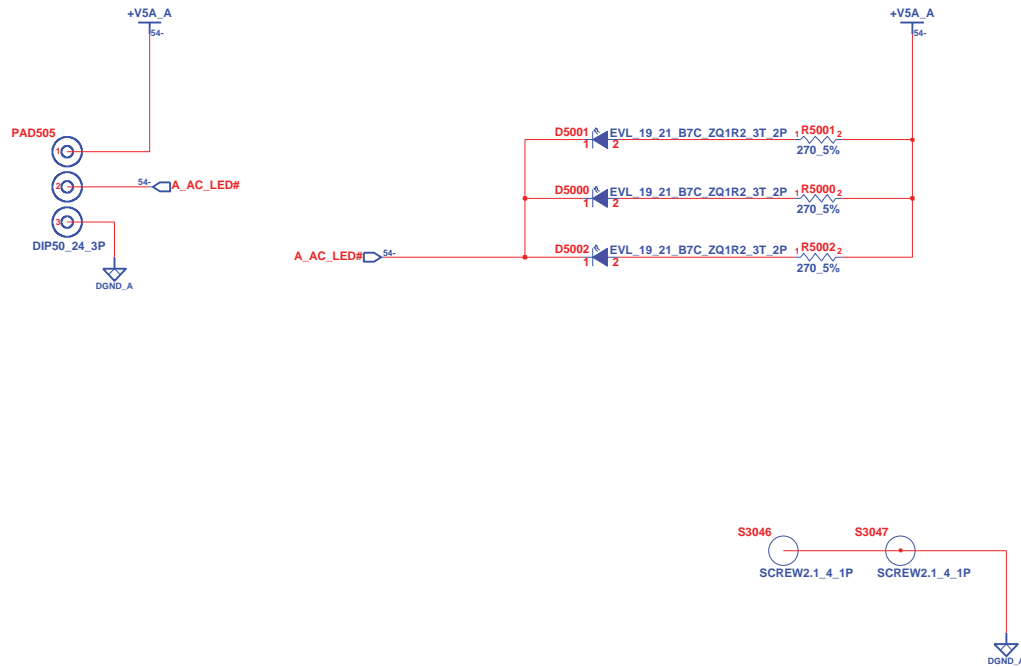


INVENTEC			
TITLE TETON TH BUTTON BOARD			
SIZE A3	CODE CS	DOC NUMBER <i>Model No</i>	REV X01
SHEET 53		OF 56	

<http://hobi-elektronika.net>

CHANGE by **RD-EE3** 7-Oct-2007

LED Board 1

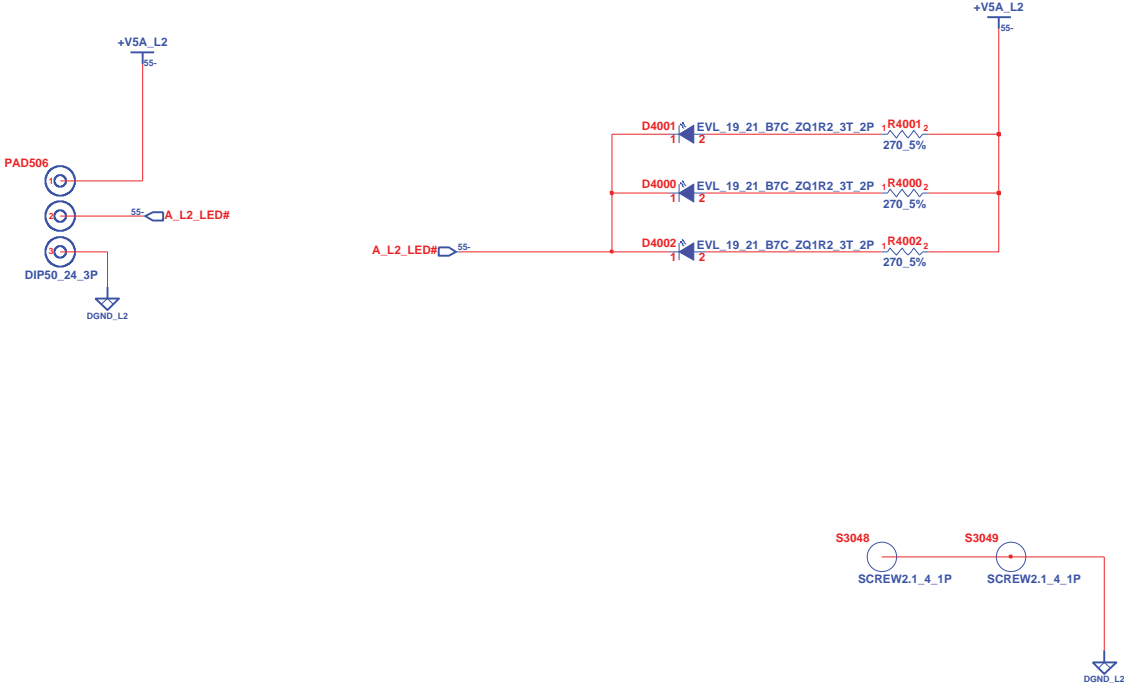


<http://hobi-elektronika.net>

INVENTEC

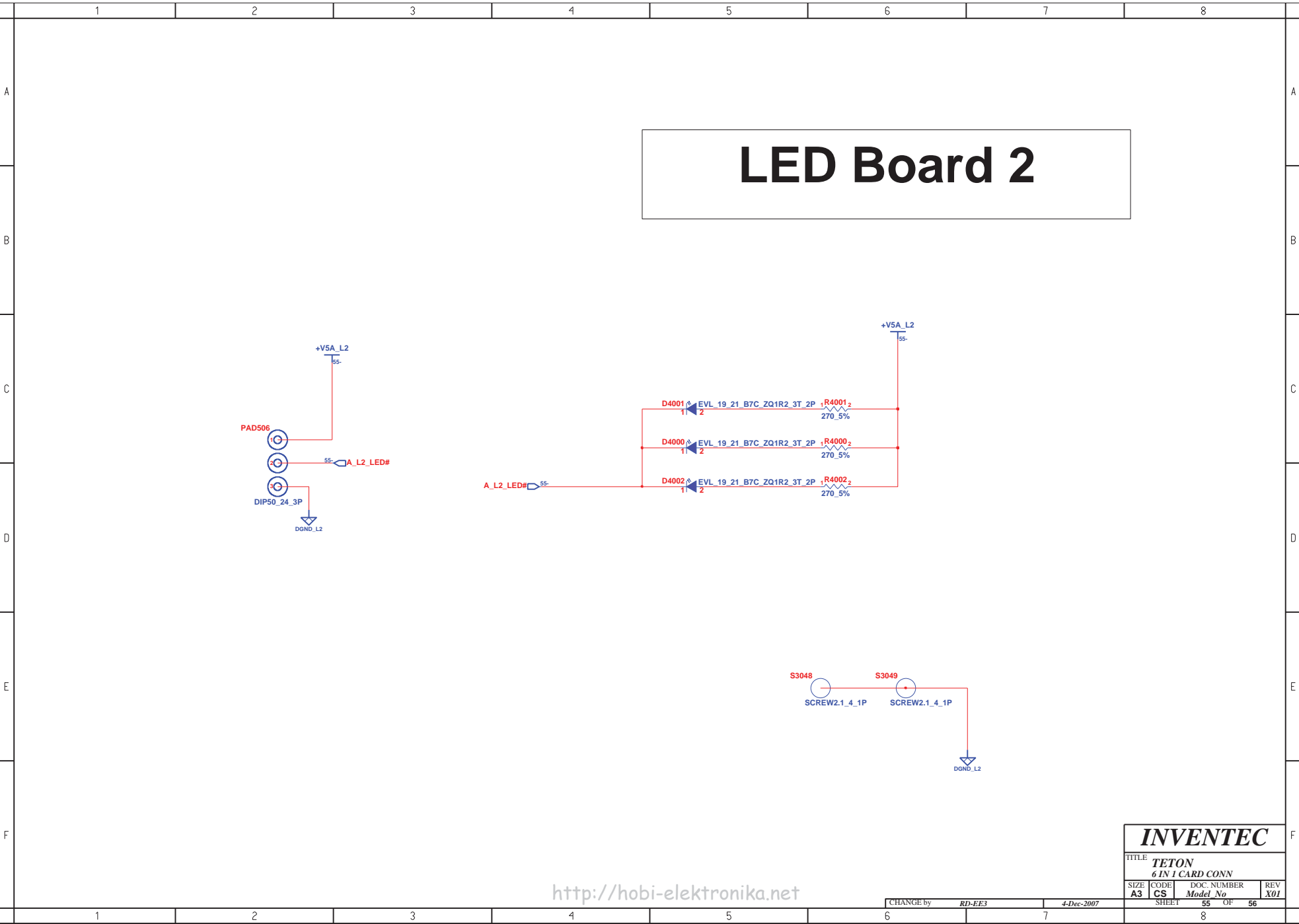
TITLE			
TETON			
PowerJack BOARD			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	X01
CHANGE by		RD-EE3	4-Dec-2007
SHEET		54	OF 56
		8	

LED Board 2



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INVENTEC			
TITLE TETON			
6 IN 1 CARD CONN			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
CHANGE by <i>RD-EE3</i>		4-Dec-2007	
SHEET 55		OF 56	



E key Board

<http://hobi-elektronika.net>

INVENTEC			
TITLE TETON			
E KEY BOARD			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV X01
CHANGE by RD-EE3		28-Nov-2007	
SHEET		56	OF 56