

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

DATE	CHANGE NO.	REV

DRAWER	EE	DATE	POWER	DATE
DESIGN				
CHECK				
RESPONSIBLE				
SIZE = 3		VER :		
FILE NAME : XXXX-XXXXXX-XX				
P/N	XXXXXXXXXXXX			

INVENTEC			
TITLE GALILEO			
SIZE A3	CODE CS	DOC. NUMBER	REV 000
SHEET 1		OF 44	

1	2	3	4	5	6	7	8
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Galileo

SI BUILD

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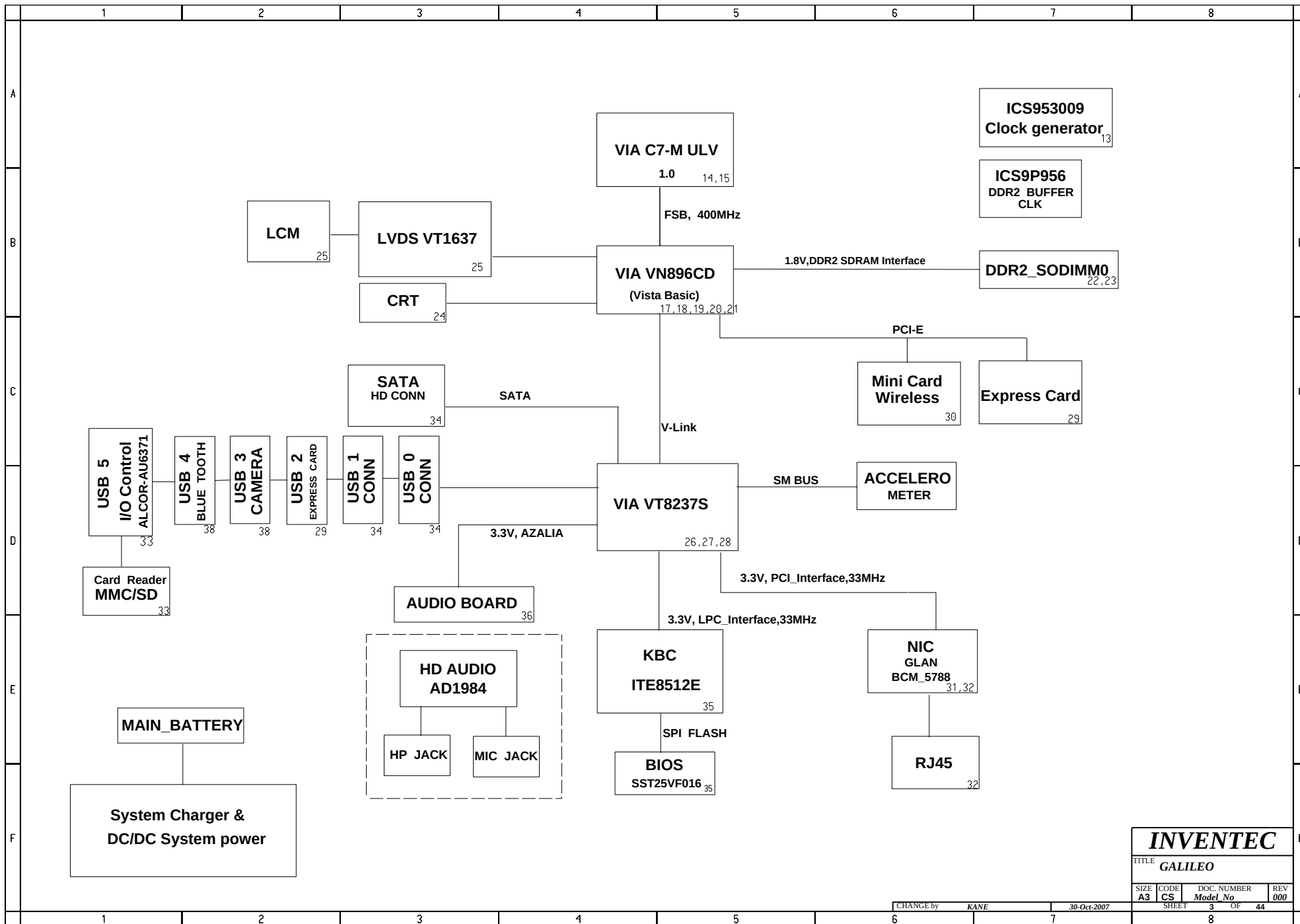
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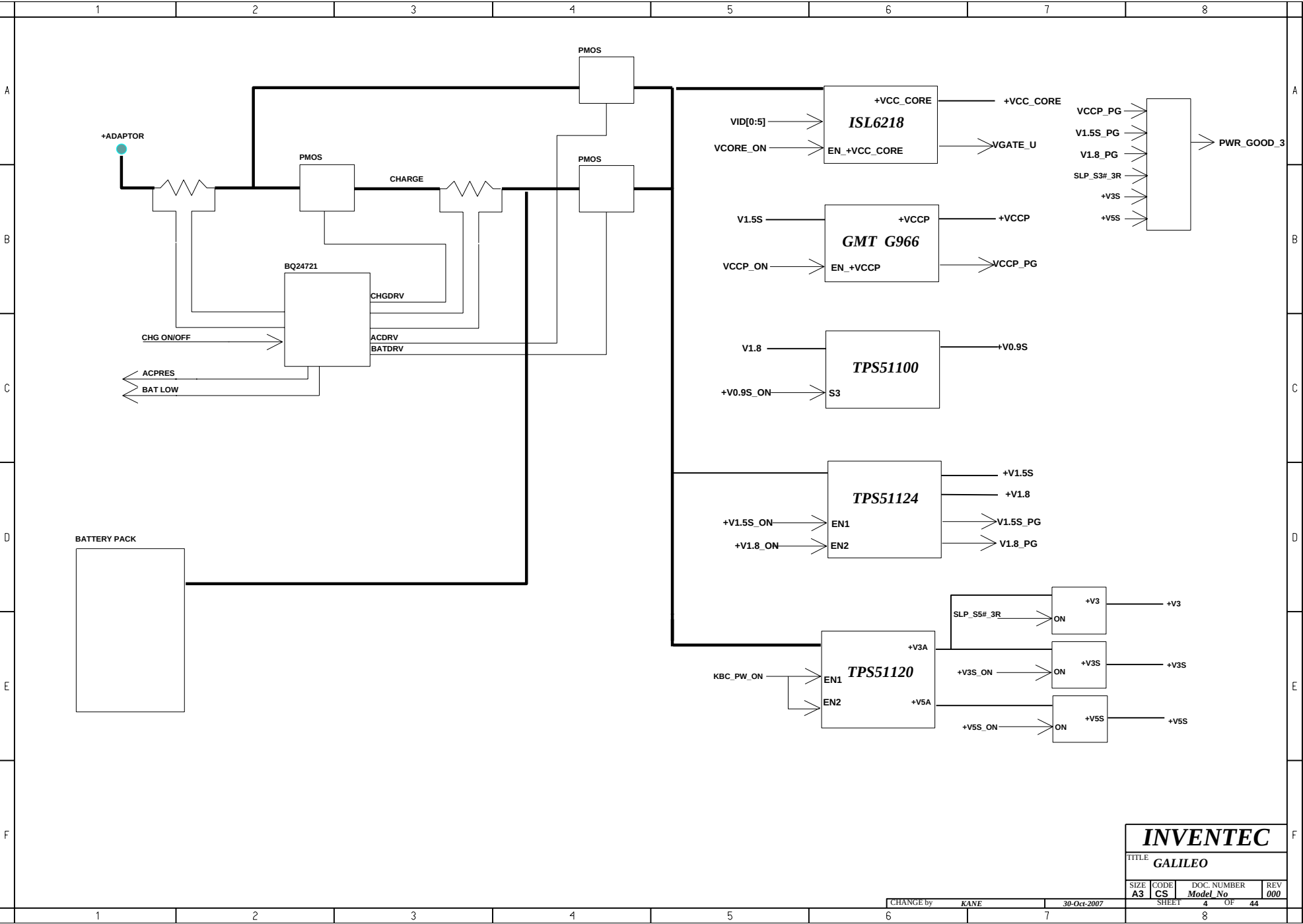
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

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CHANGE by KANE 30-Oct-2007



INVENTEC			
TITLE GALILEO			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000
CHANGE by KANE		30-Oct-2007	SHEET 3 OF 44



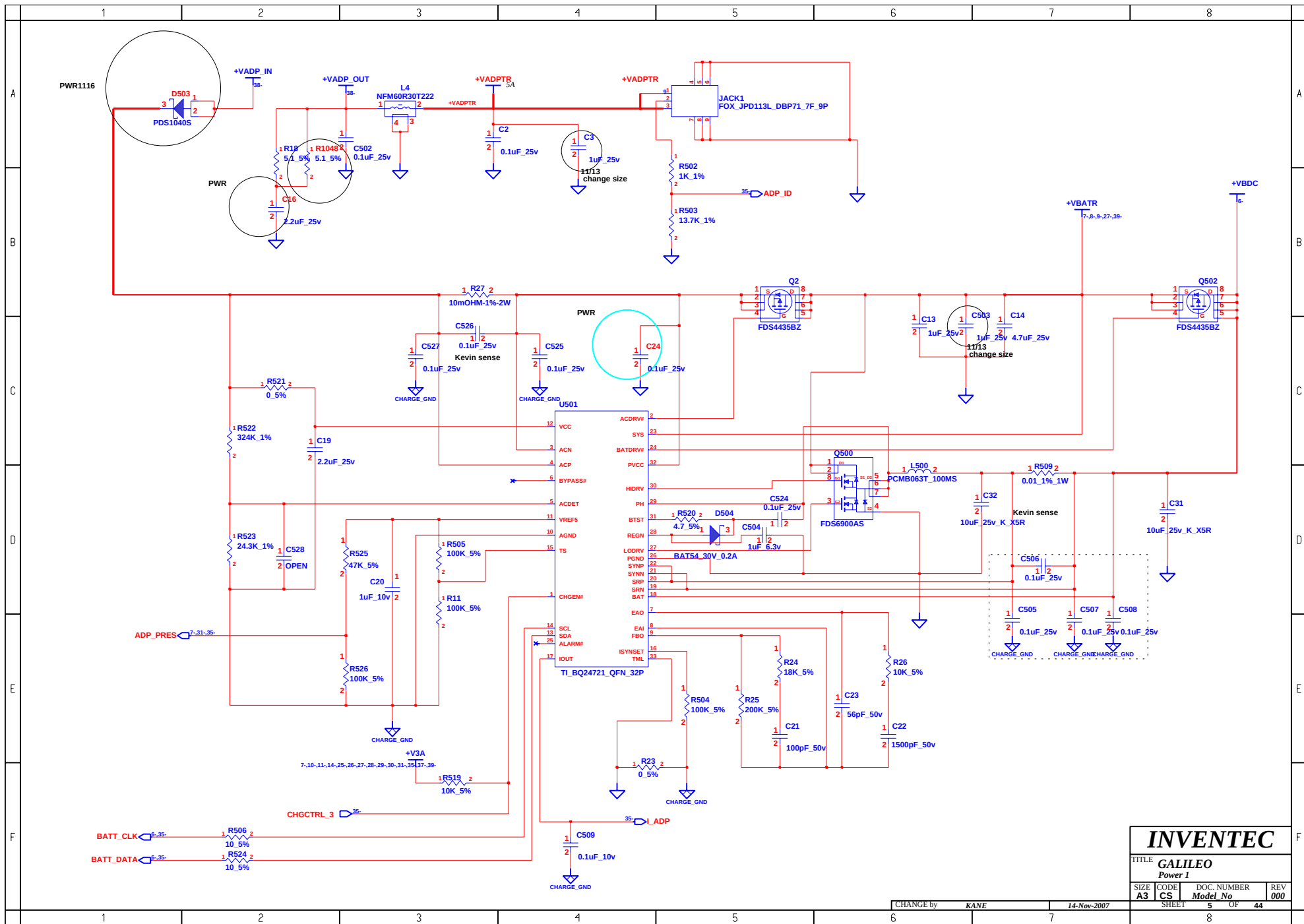
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TITLE **GALILEO**

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV 000
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CHANGE by **KANE** 30-Oct-2007

SHEET **4** OF **44**



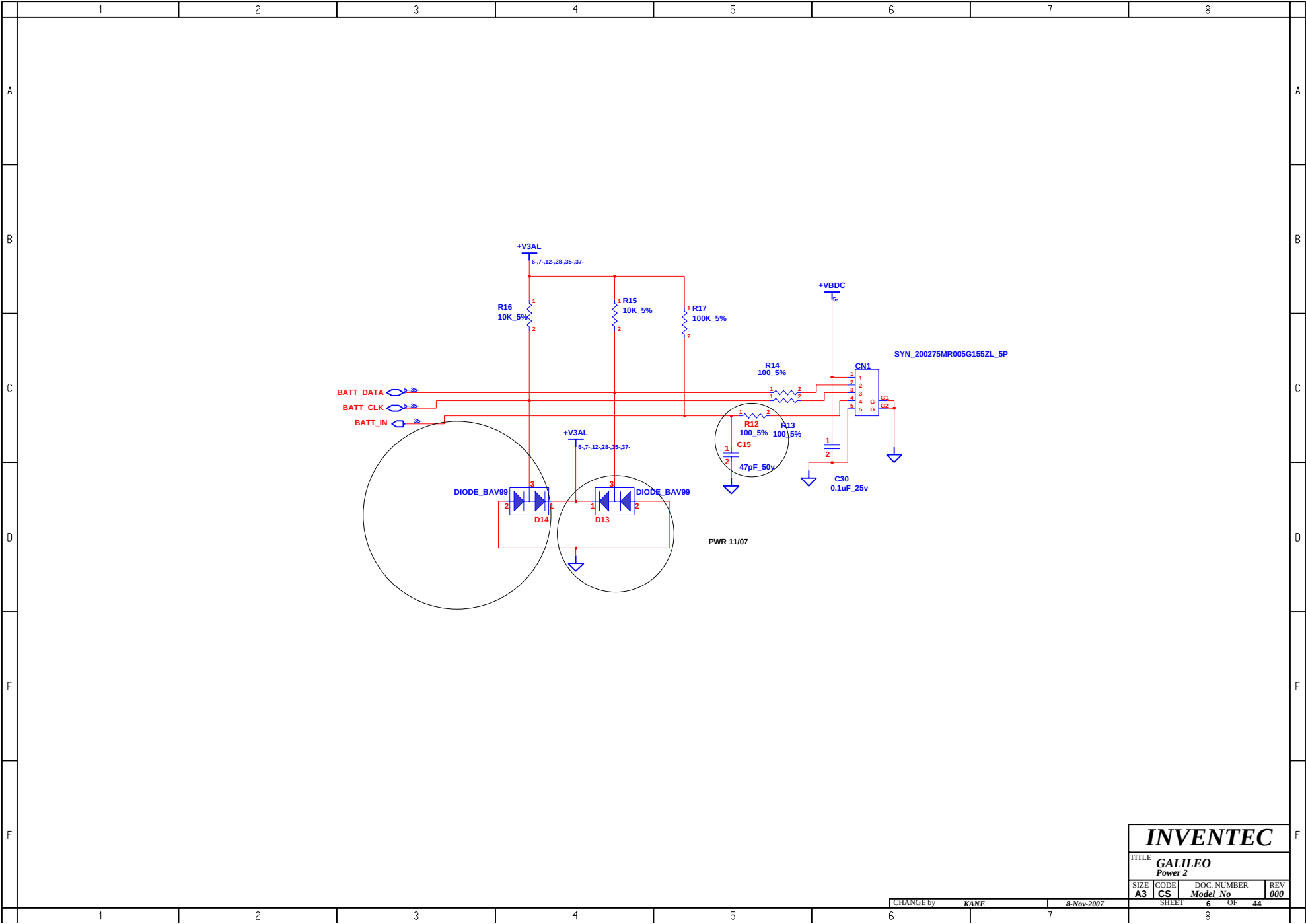
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TITLE
GALILEO
Power 1

SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000
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CHANGE by KANE 14-Nov-2007

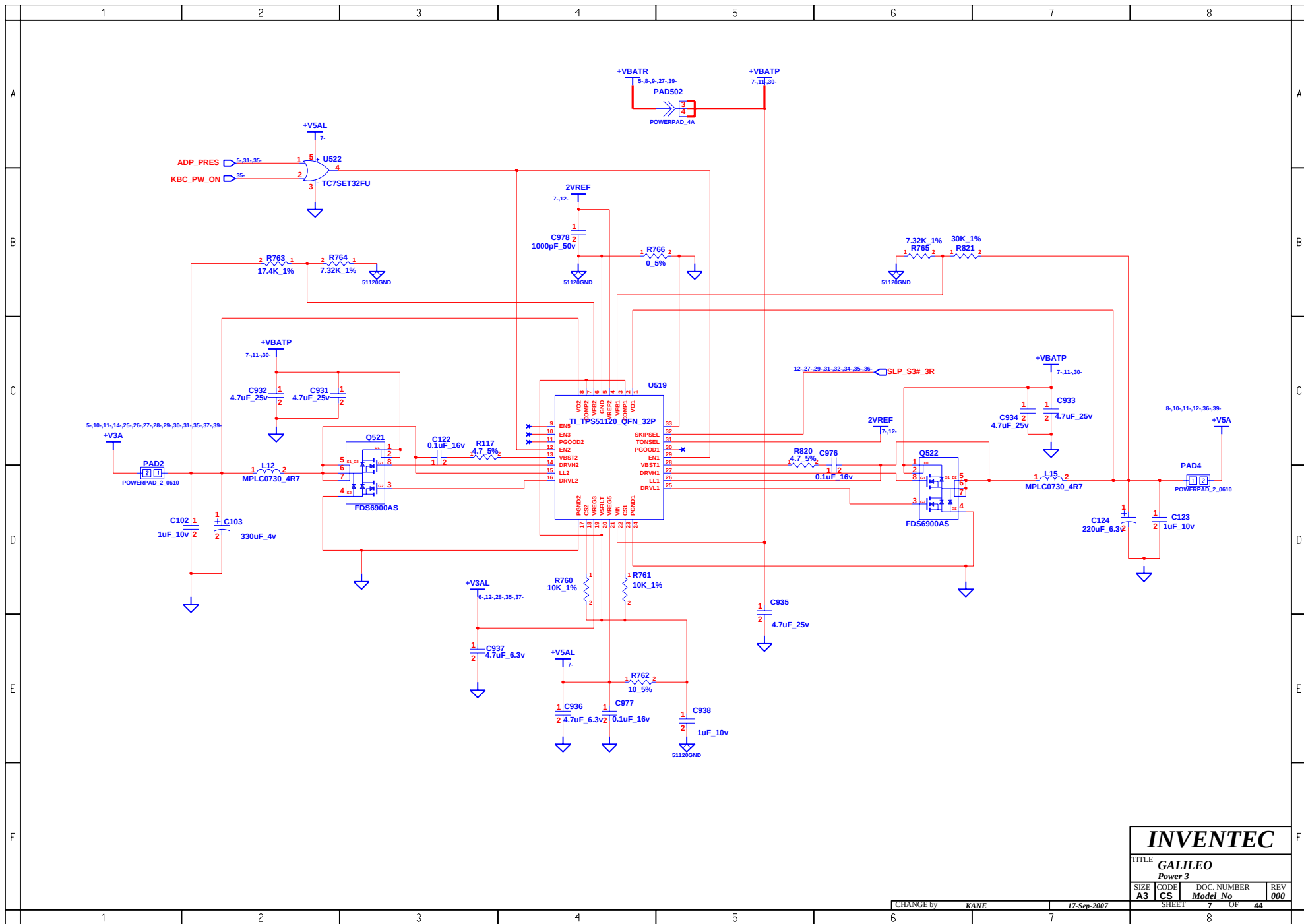
SHEET 5 OF 44



INVENTEC

TITLE			
GALILEO			
Power 2			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

CHANGE by KANE 8-Nov-2007 SHEET 6 OF 44

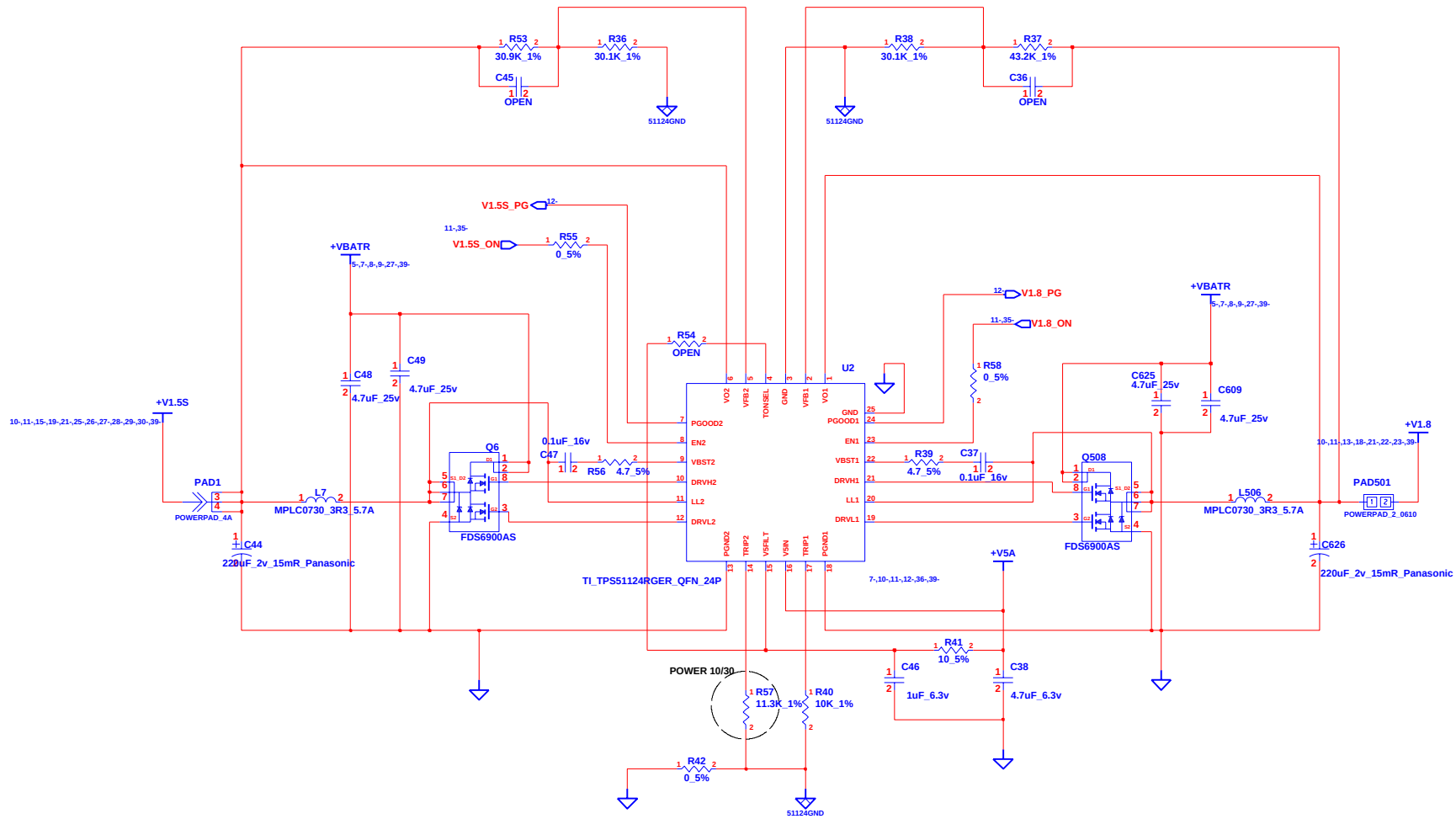


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GALILEO			
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A3	CS	Model No	000

CHANGE by KANE 17-Sep-2007

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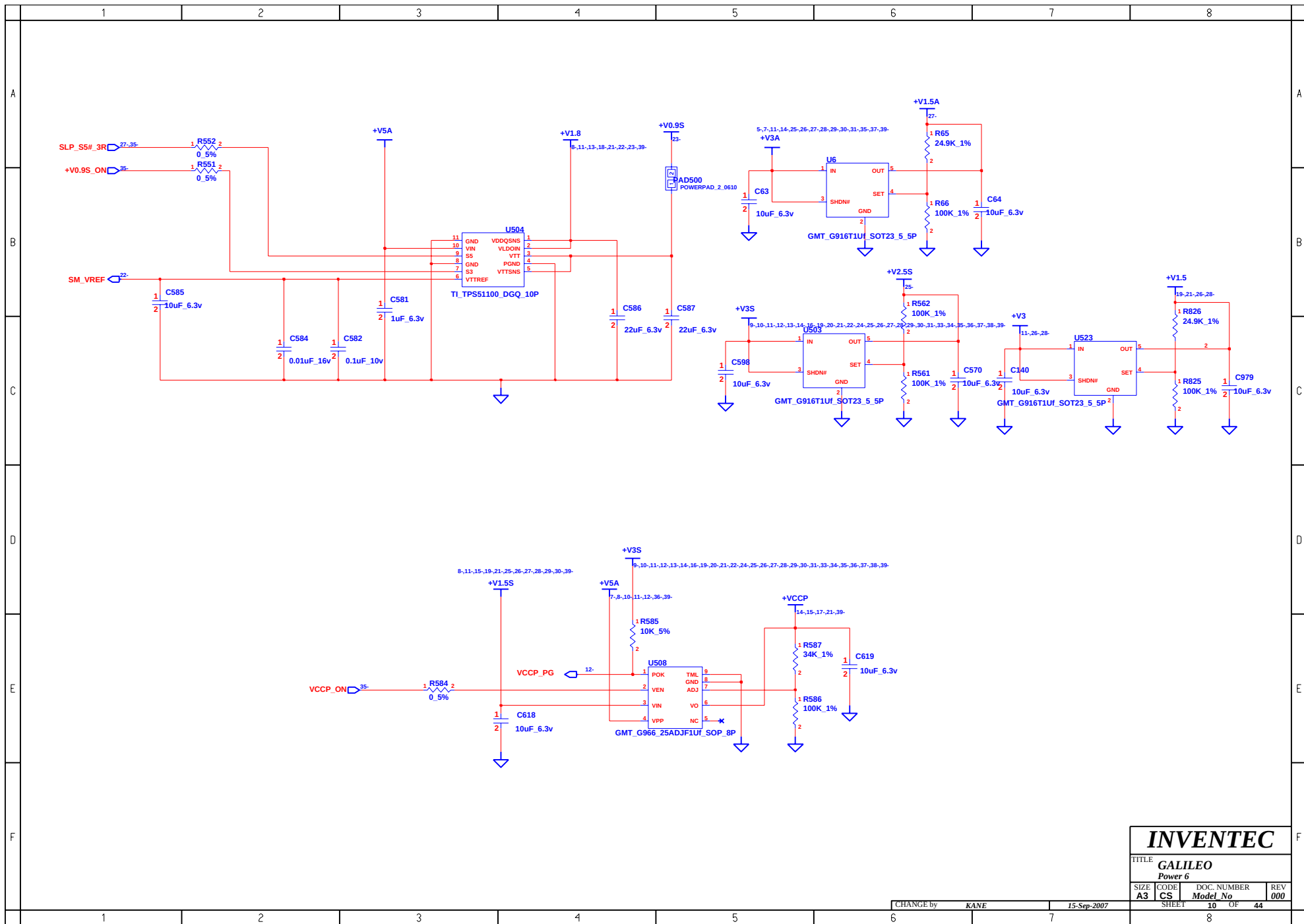


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A3	CS	Model No	000

CHANGE by KANE 29-Oct-2007

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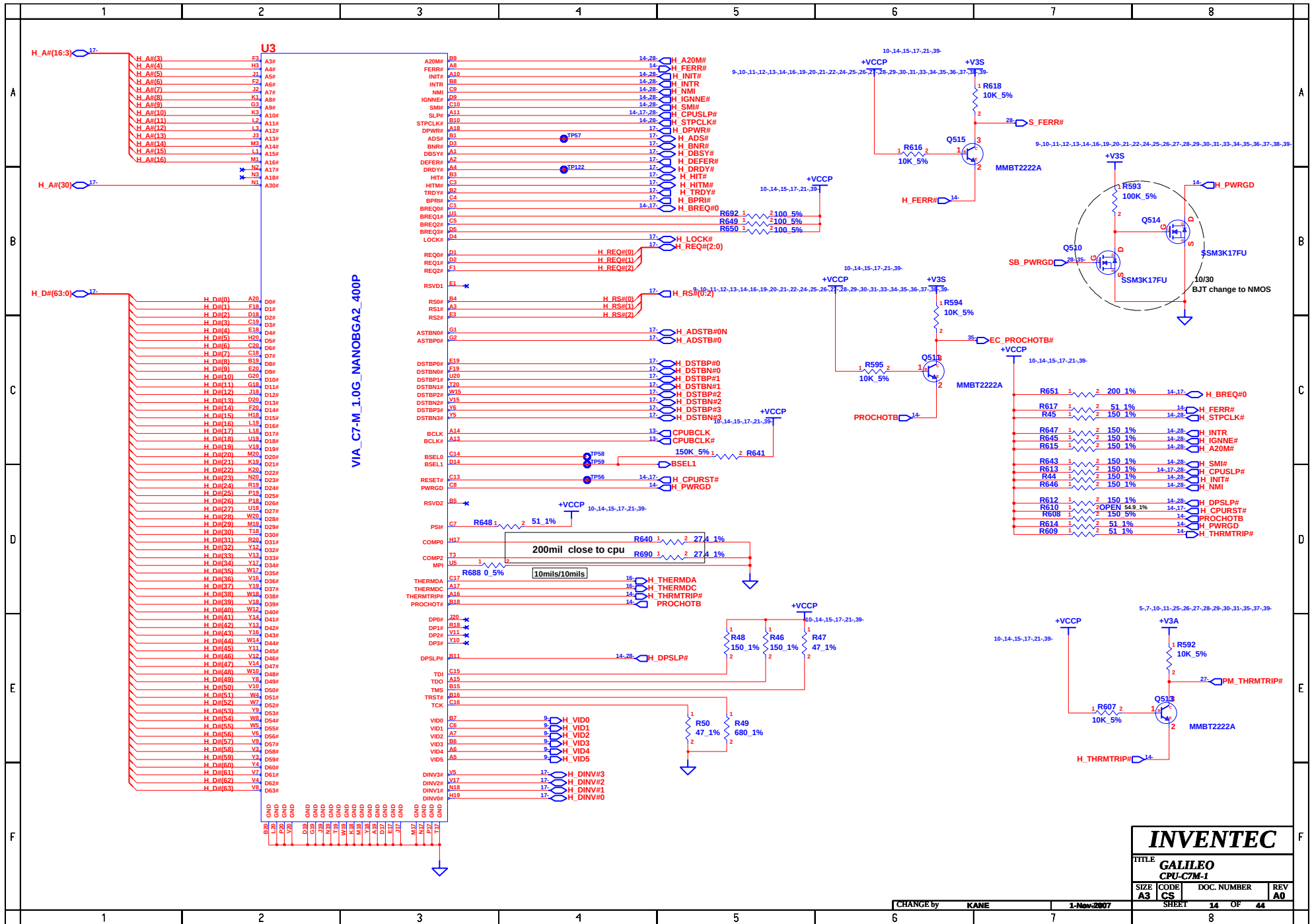


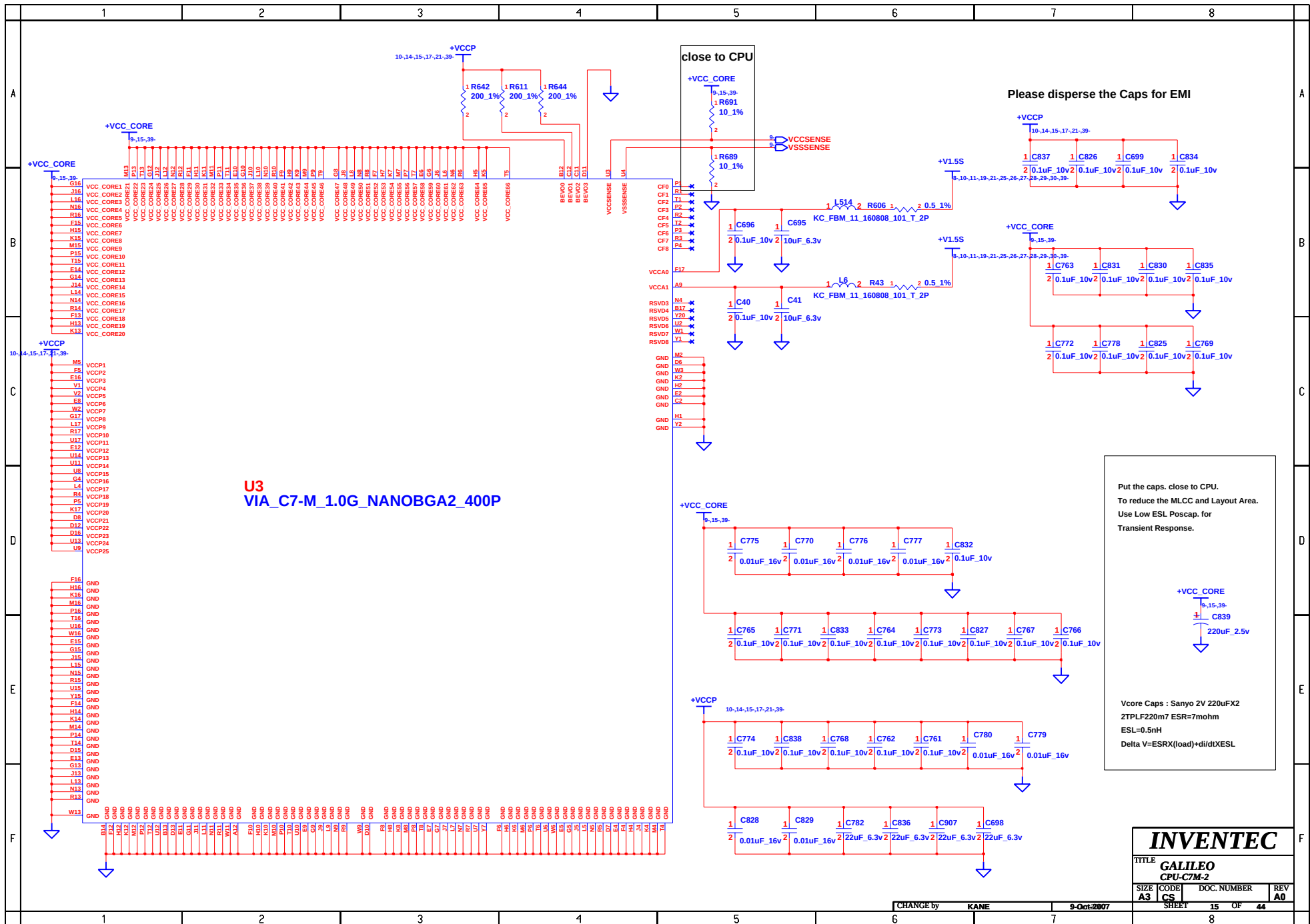
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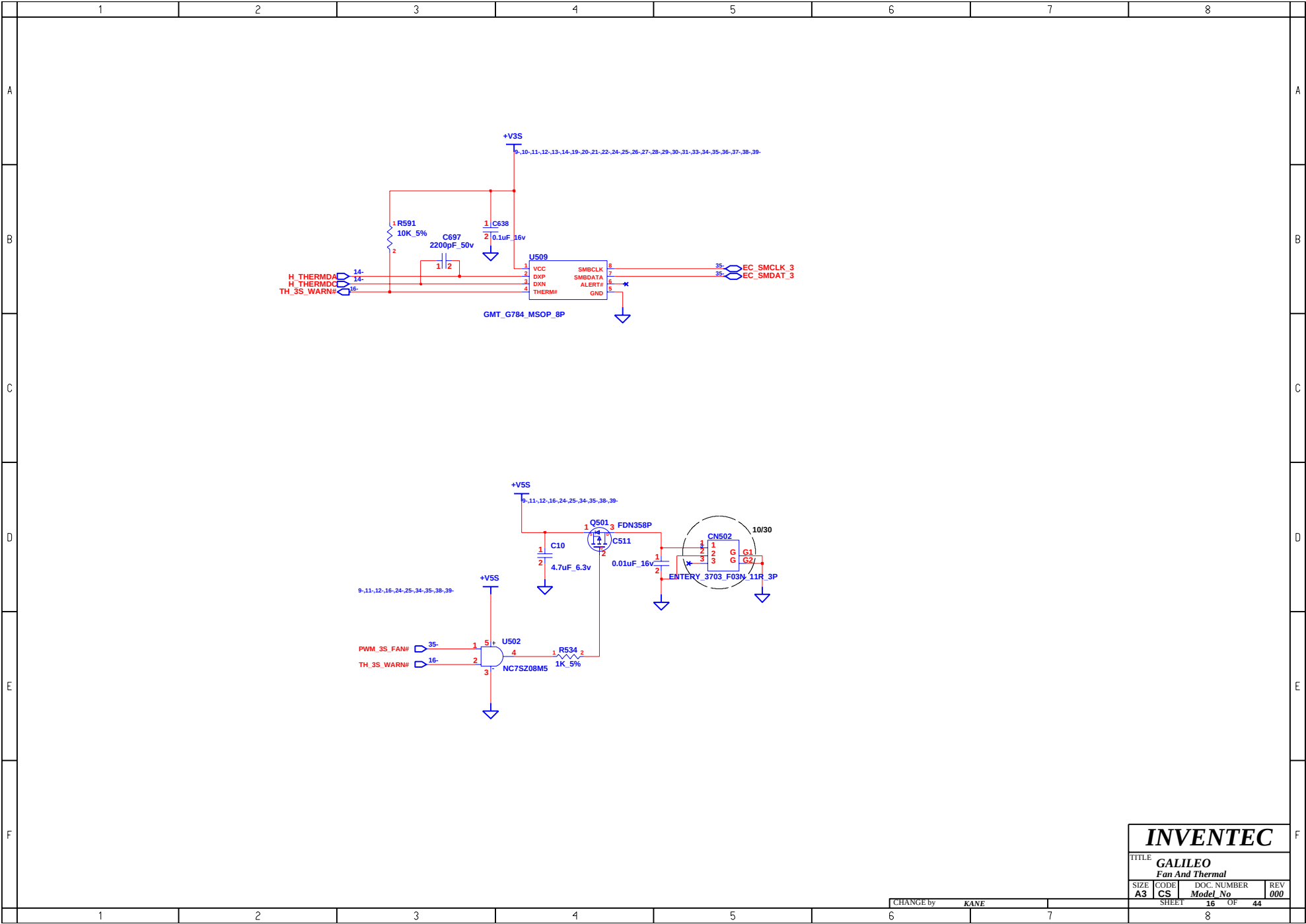
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A3	CS	Model No	000

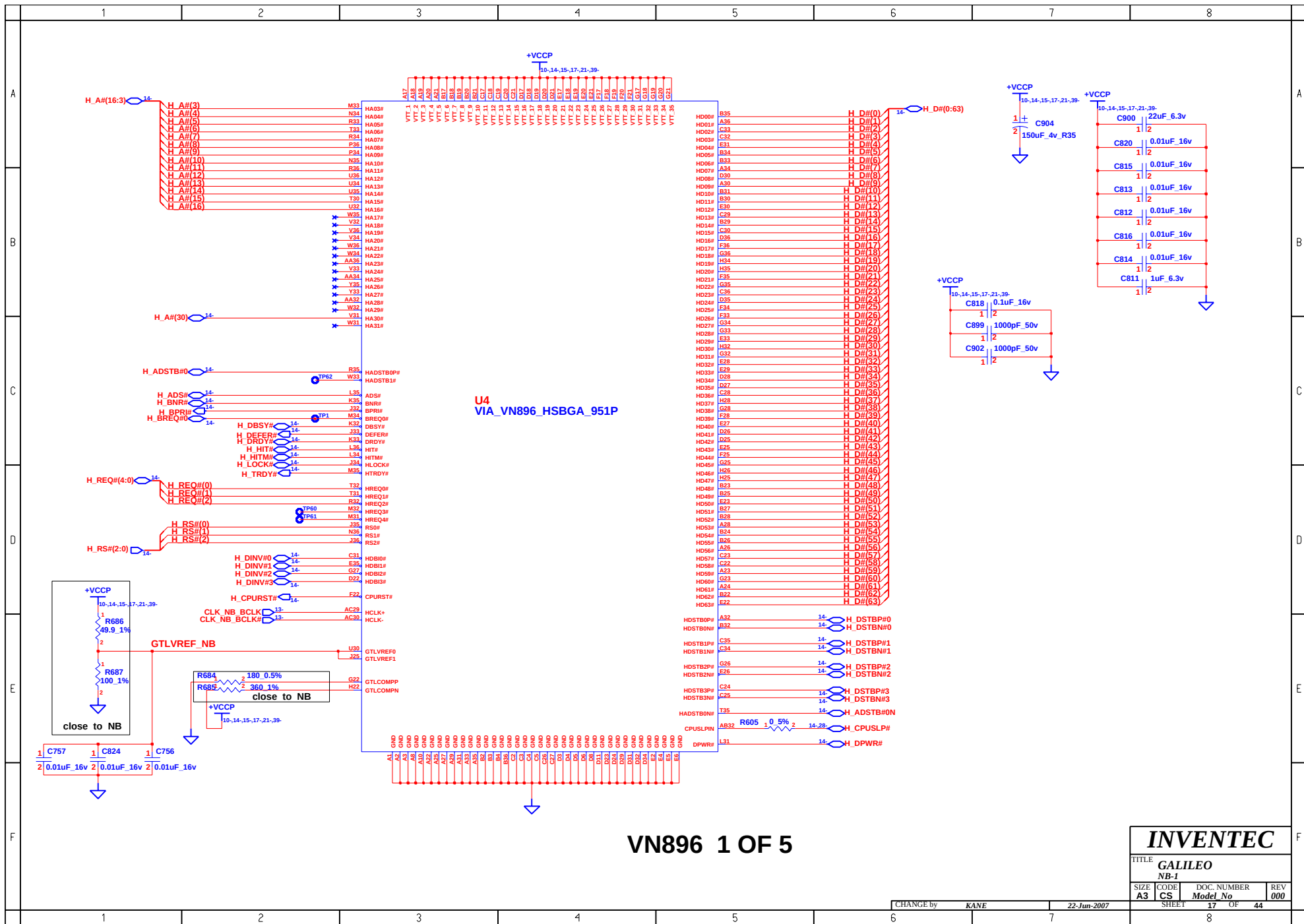
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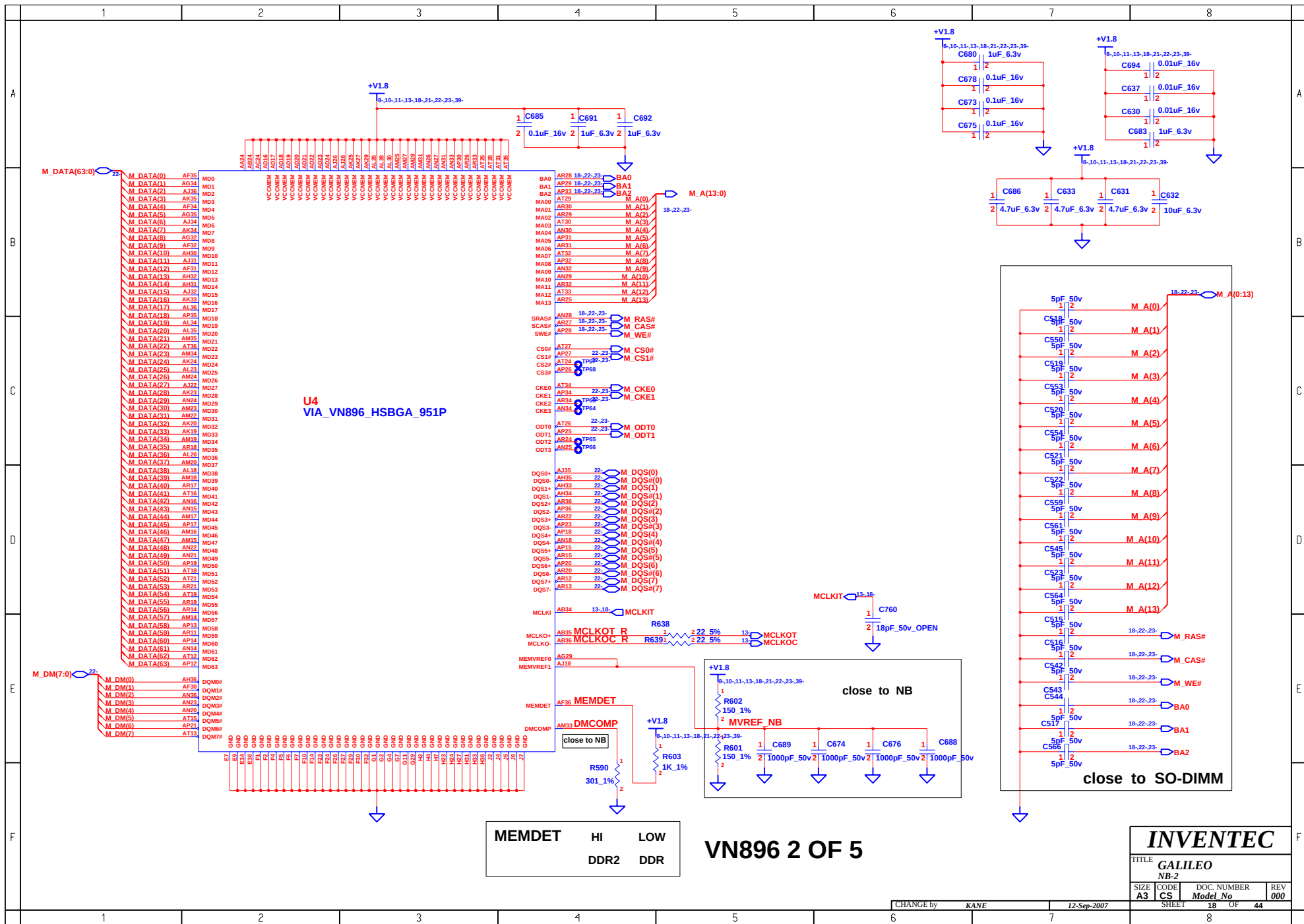
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MEMDET HI LOW
DDR2 DDR

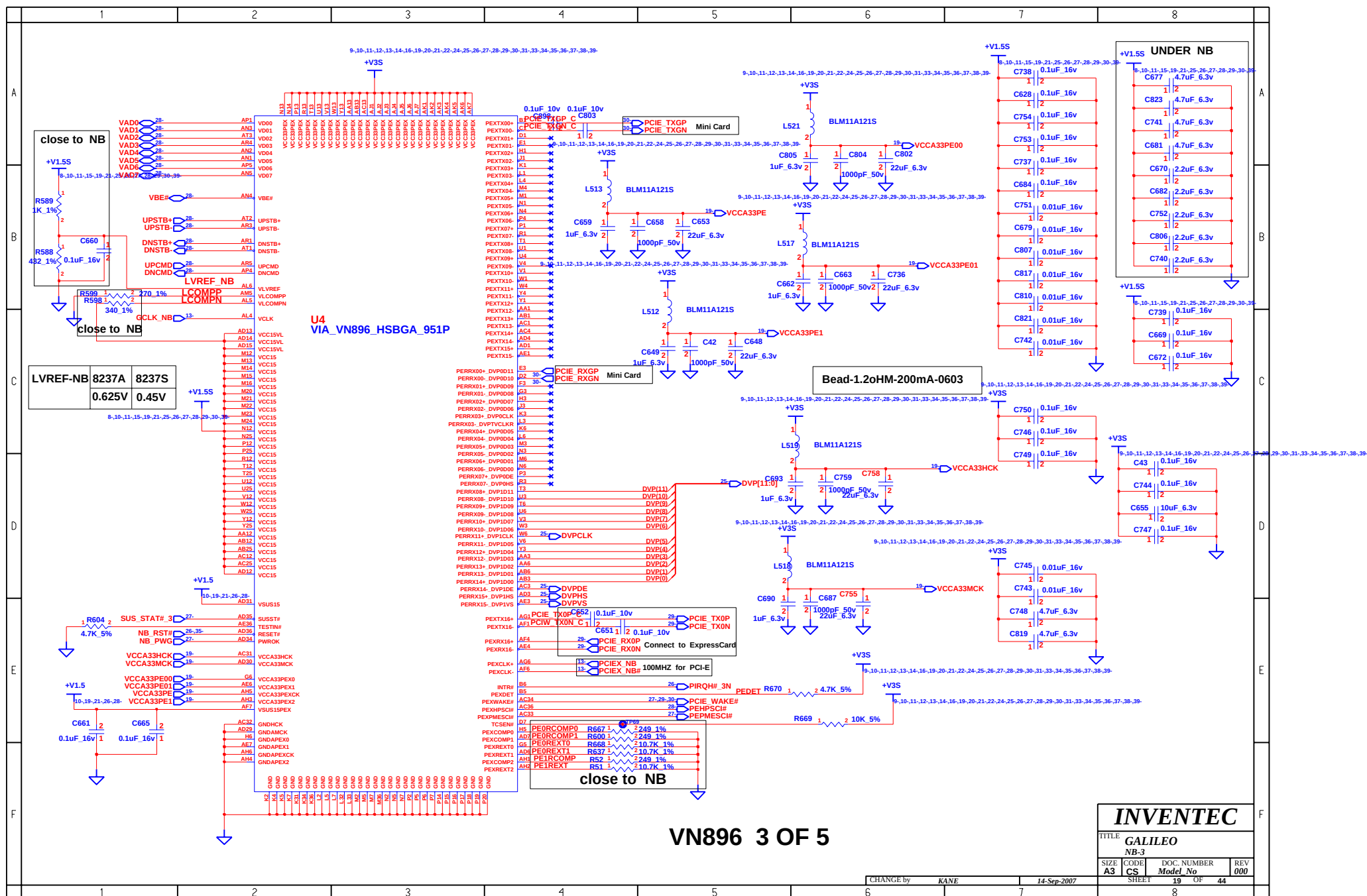
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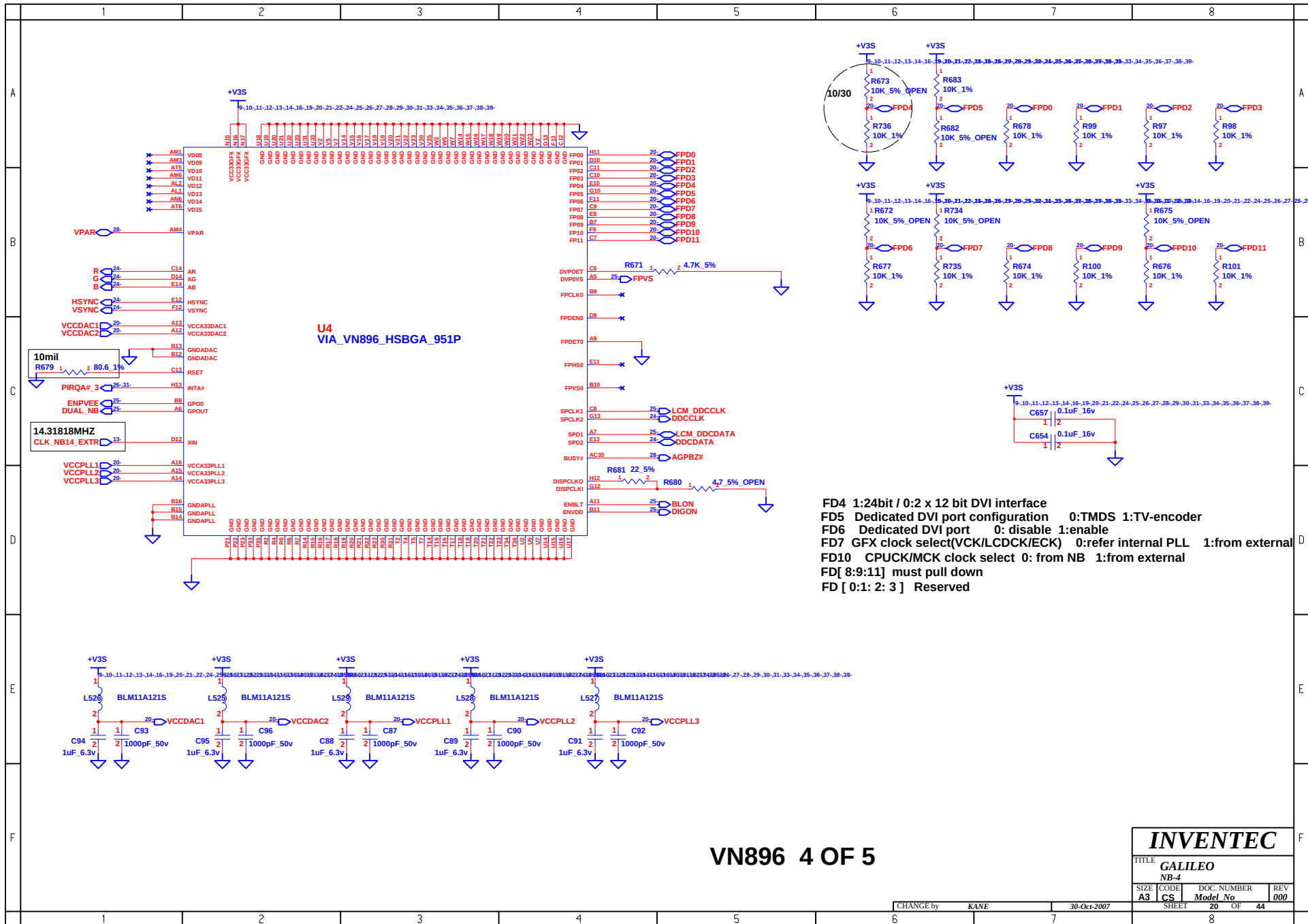
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TITLE GALILEO NB-2			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000

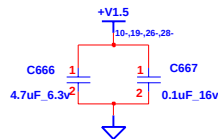
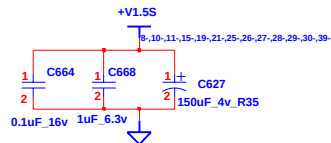
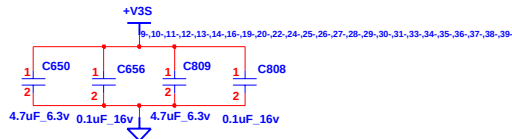
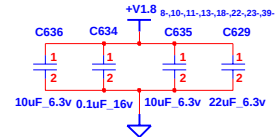
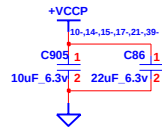
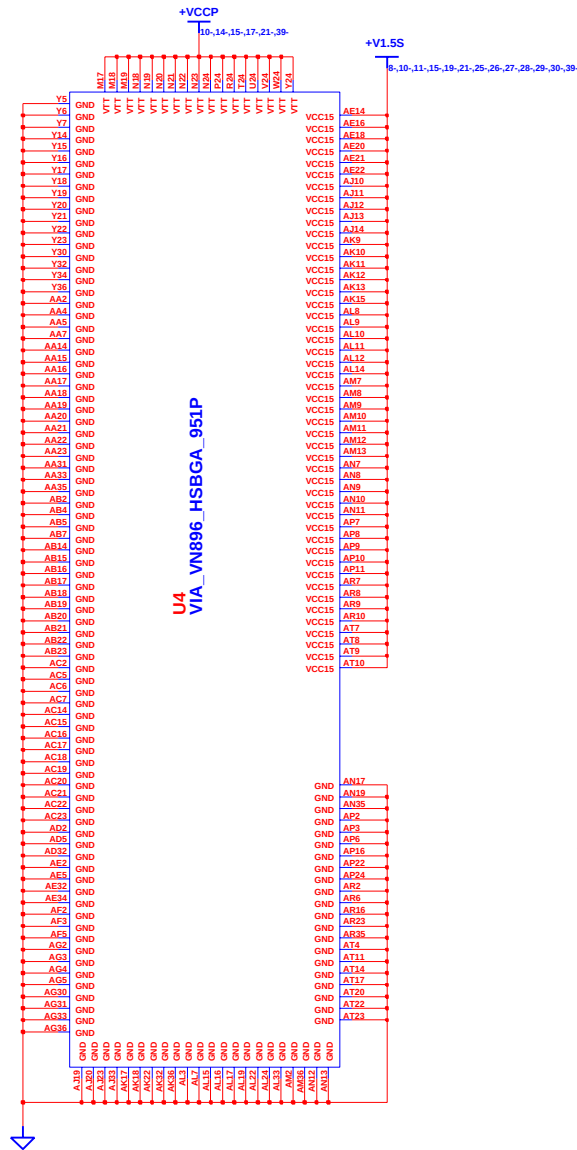
CHANGE by KANE 12-Sep-2007

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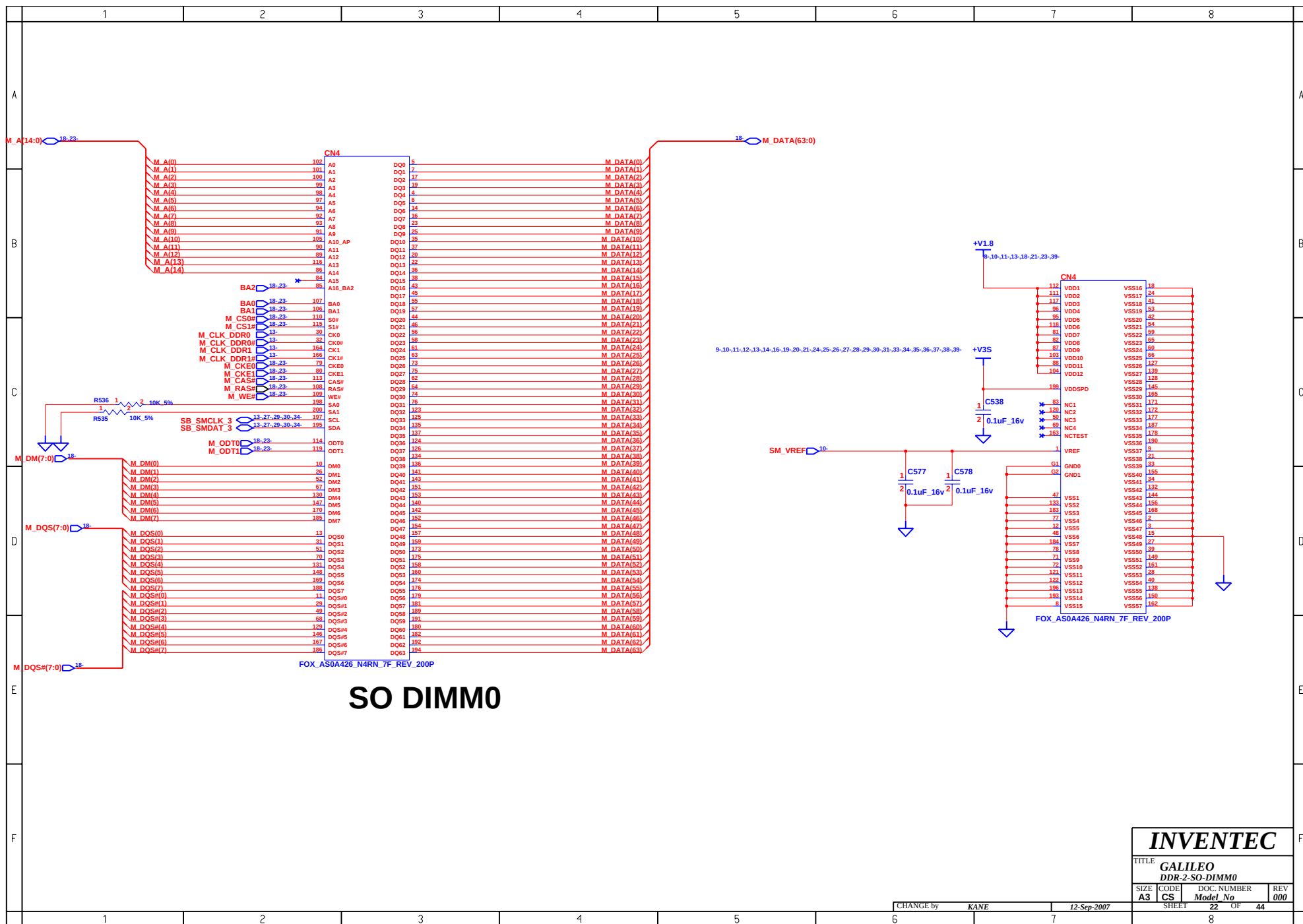


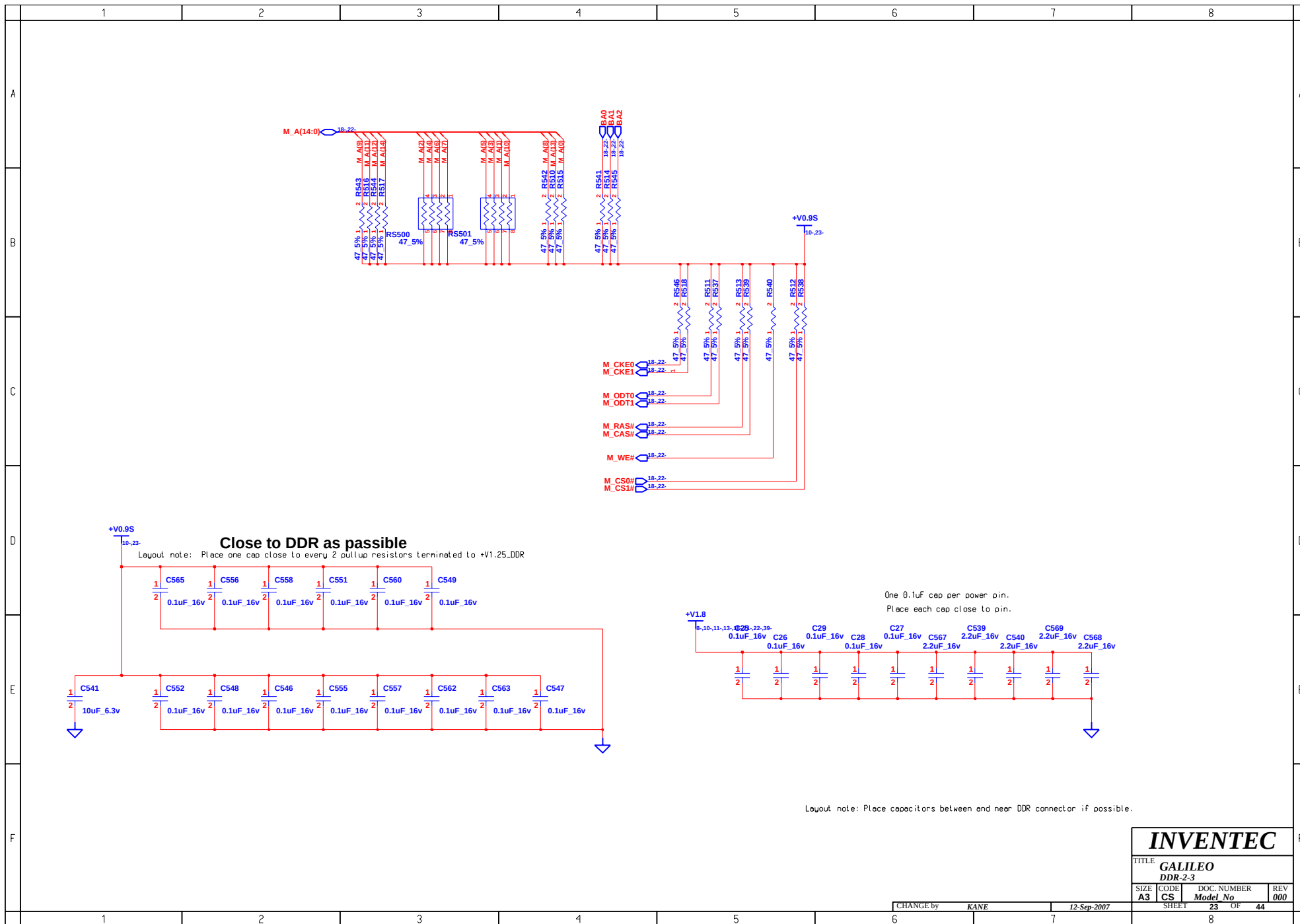
VN896 4 OF 5



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INVENTEC			
TITLE GALILEO			
NB-5			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000
CHANGE by KANE		18-Jul-2007	
SHEET 21		OF 44	



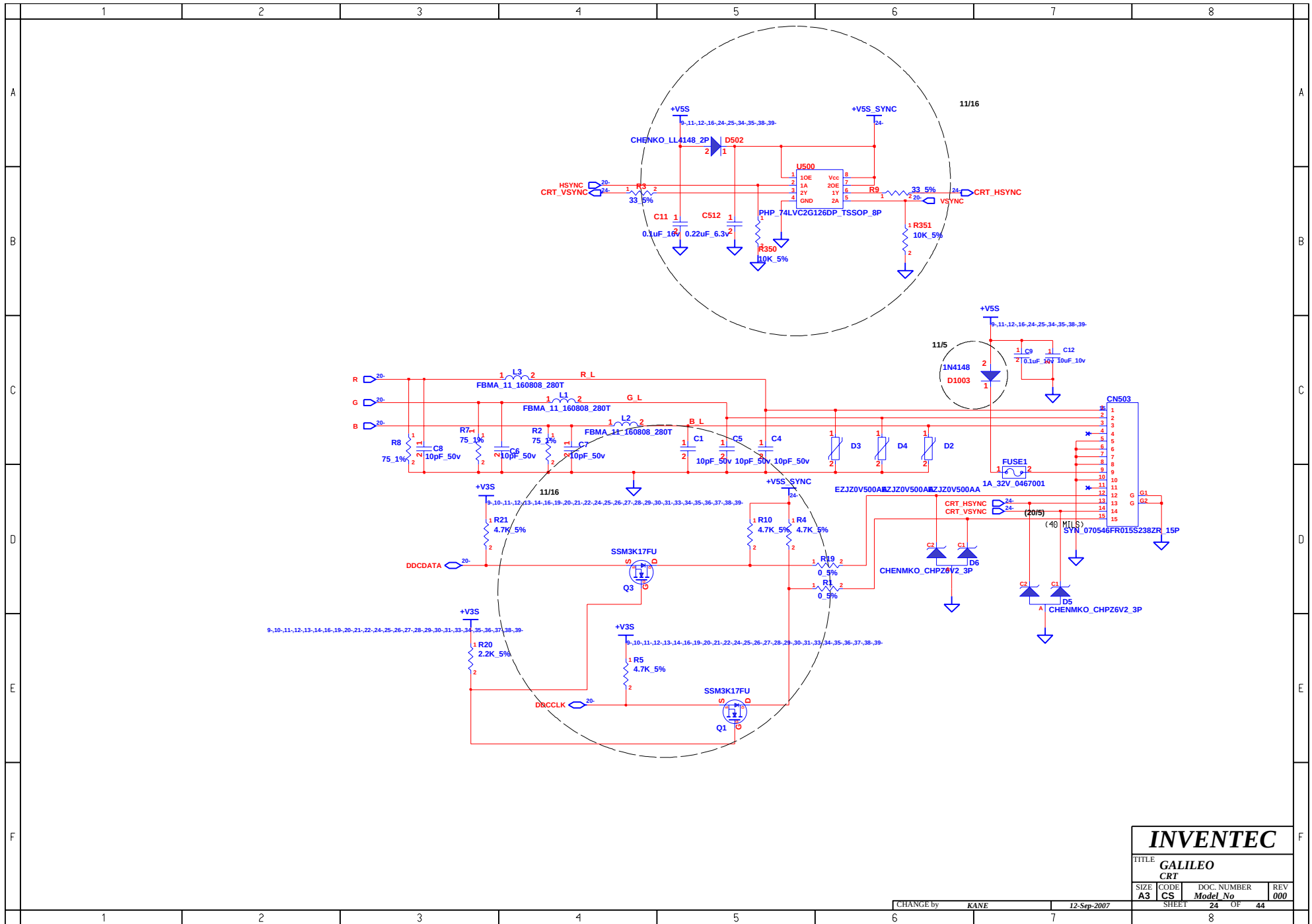


INVENTEC

TITLE GALILEO DDR-2.3			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV 000
SHEET 23 OF 44			

CHANGE by **KANE** 12-Sep-2007

8

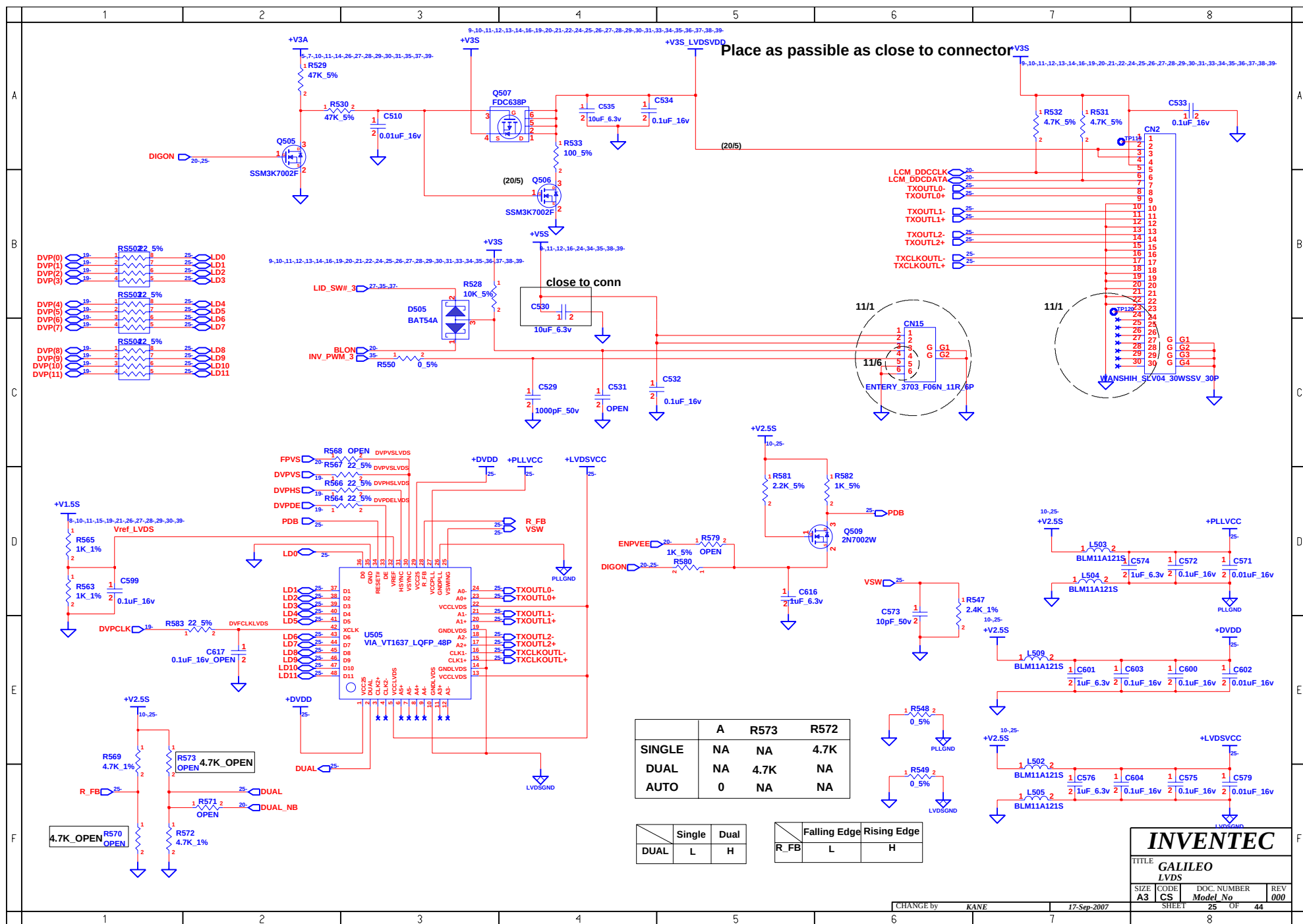


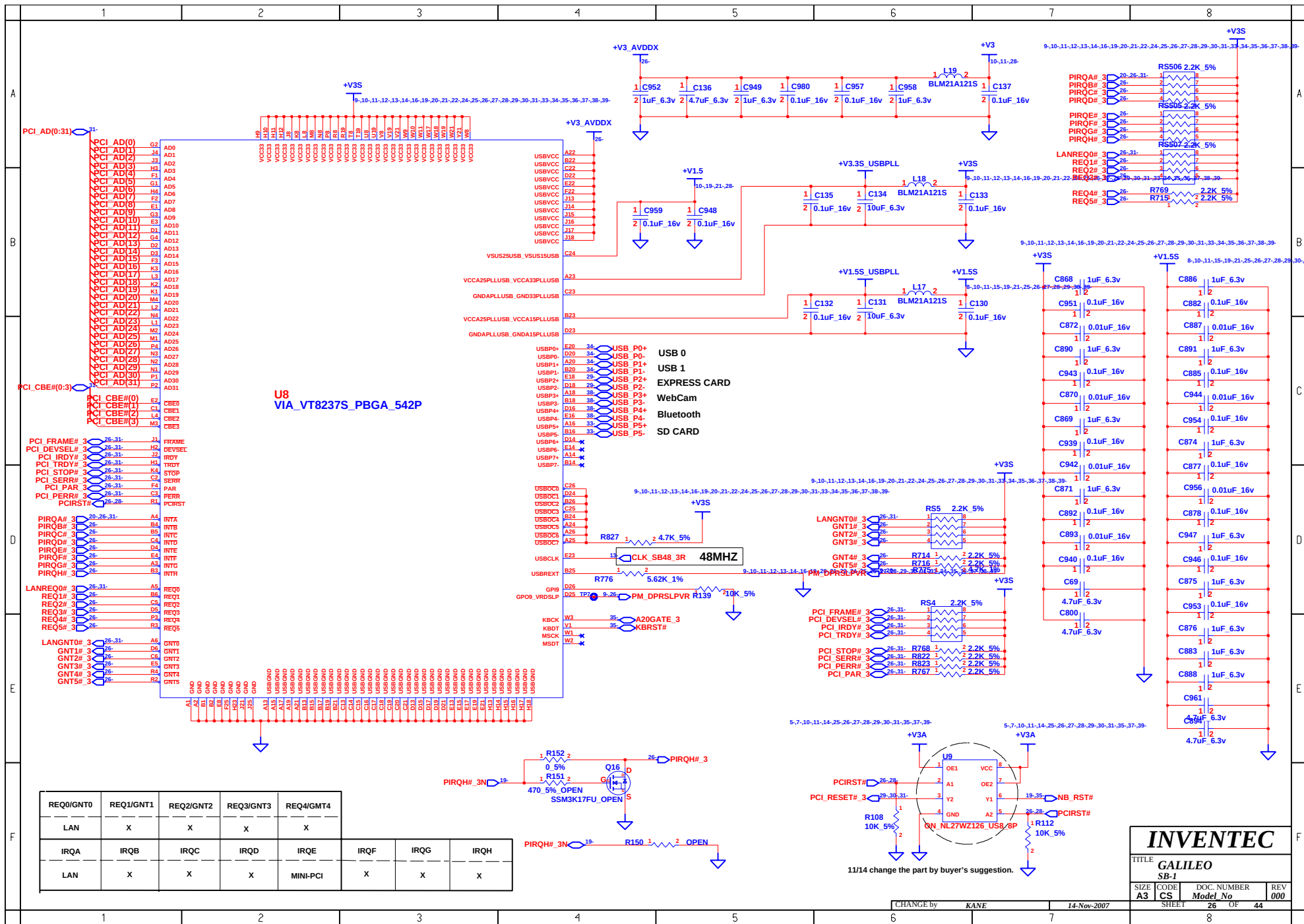
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TITLE			
GALILEO CRT			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

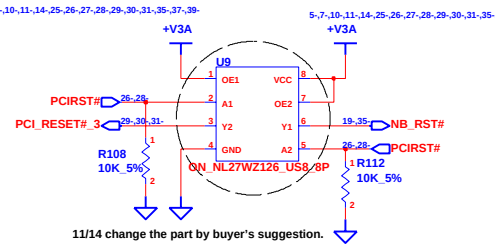
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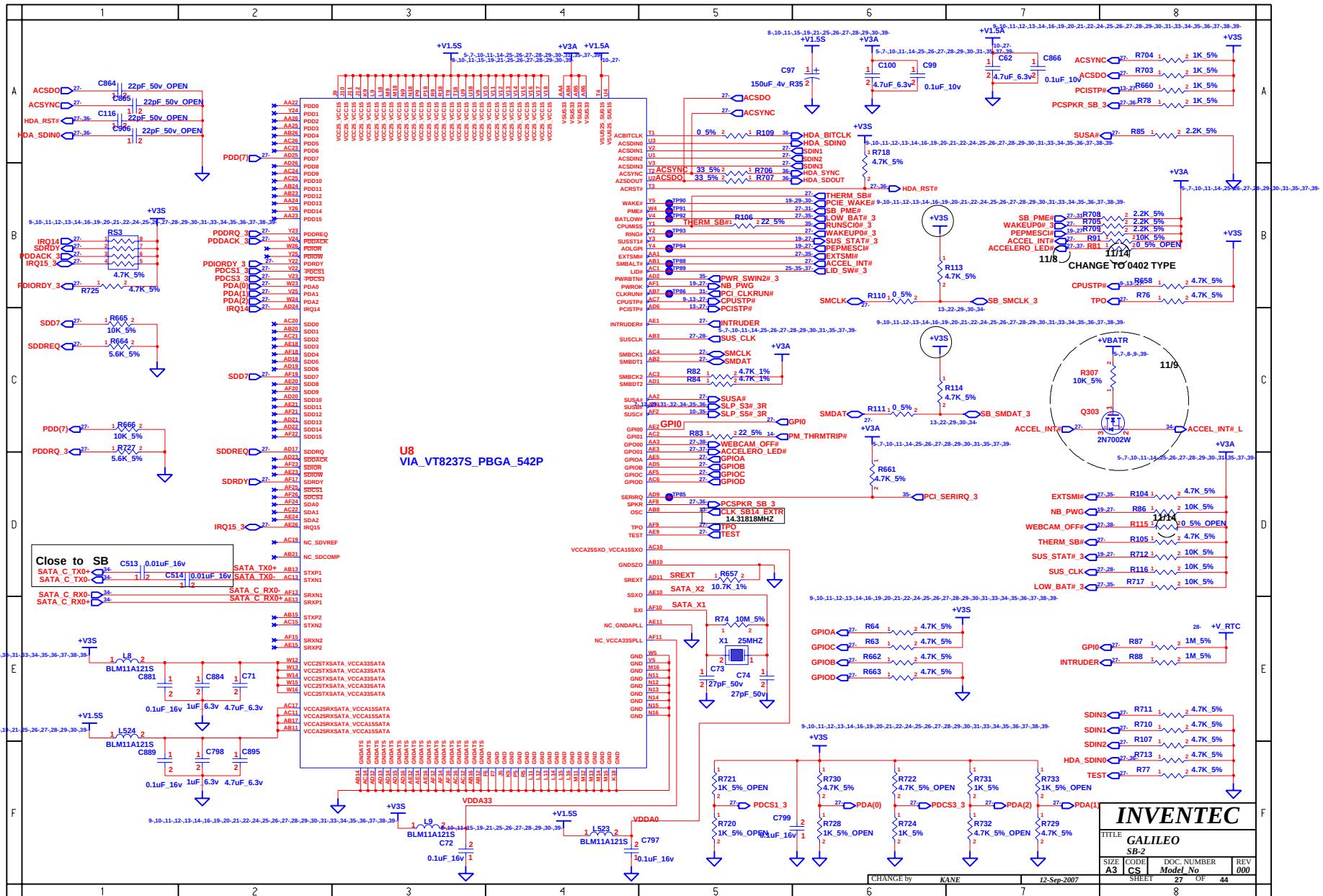
SHEET 24 OF 44

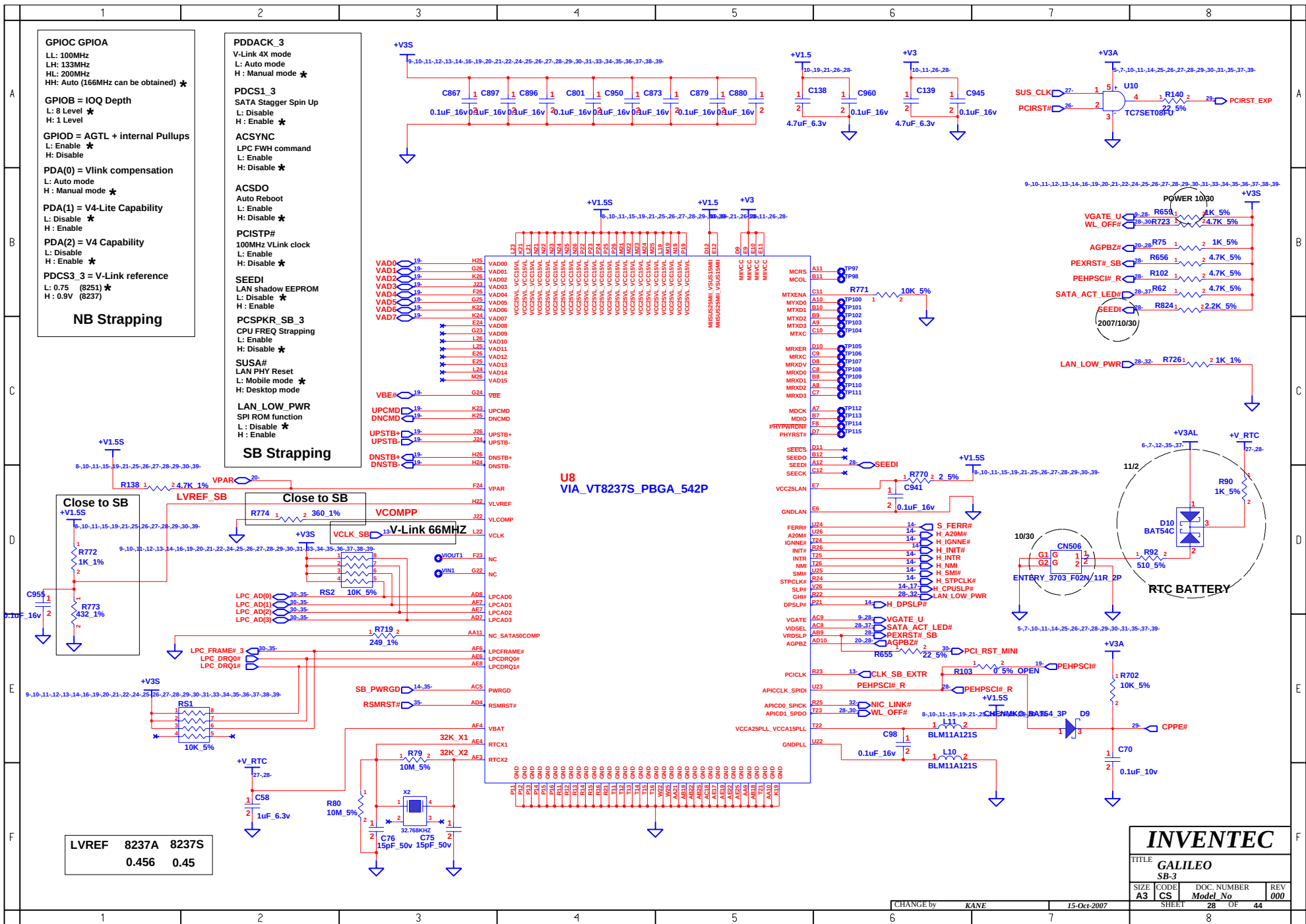


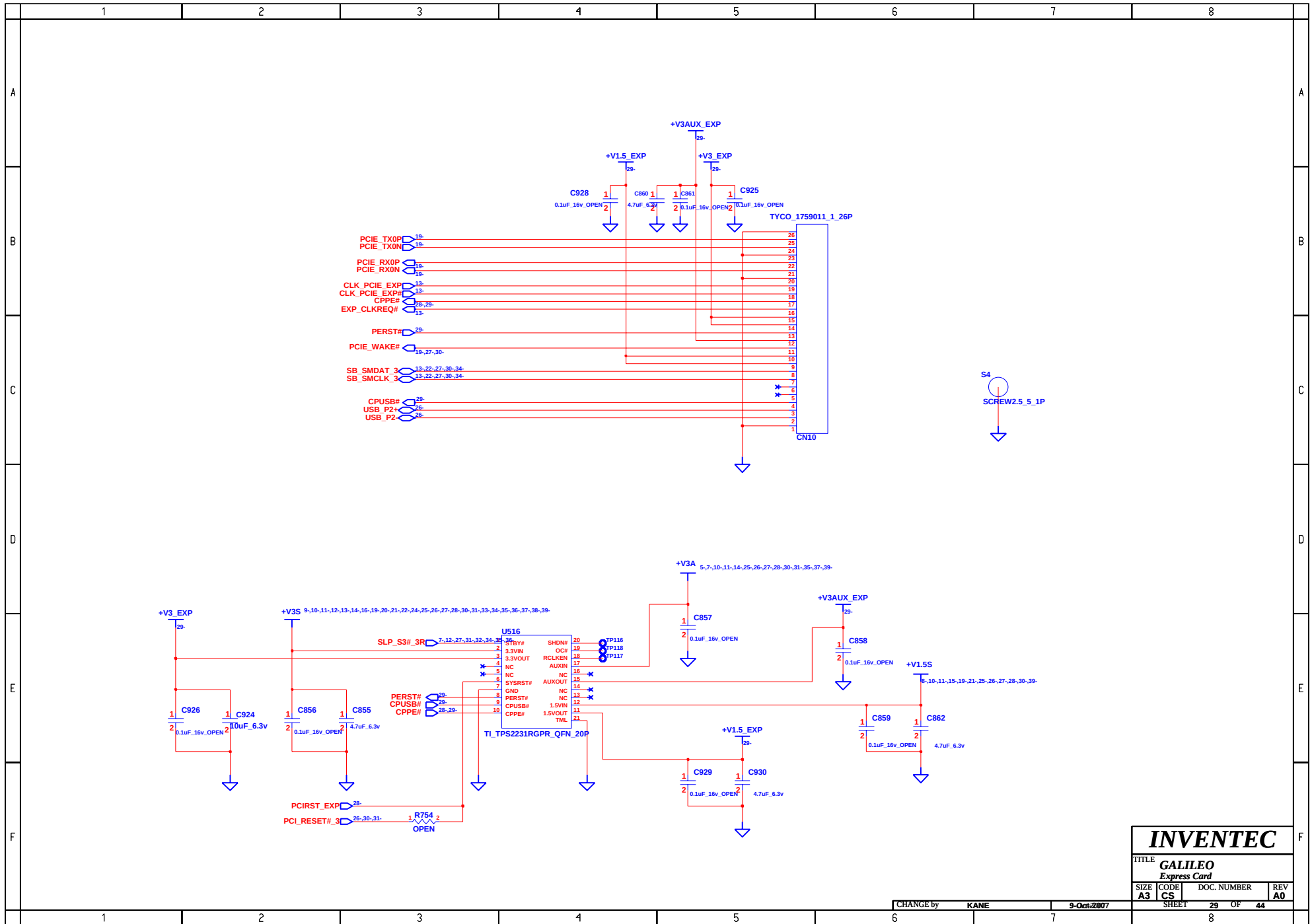


REQ0/GNT0	REQ1/GNT1	REQ2/GNT2	REQ3/GNT3	REQ4/GNT4	IRQA	IRQB	IRQC	IRQD	IRQE	IRQF	IRQG	IRQH
LAN	X	X	X	X	LAN	X	X	MINI-PCI	X	X	X	X









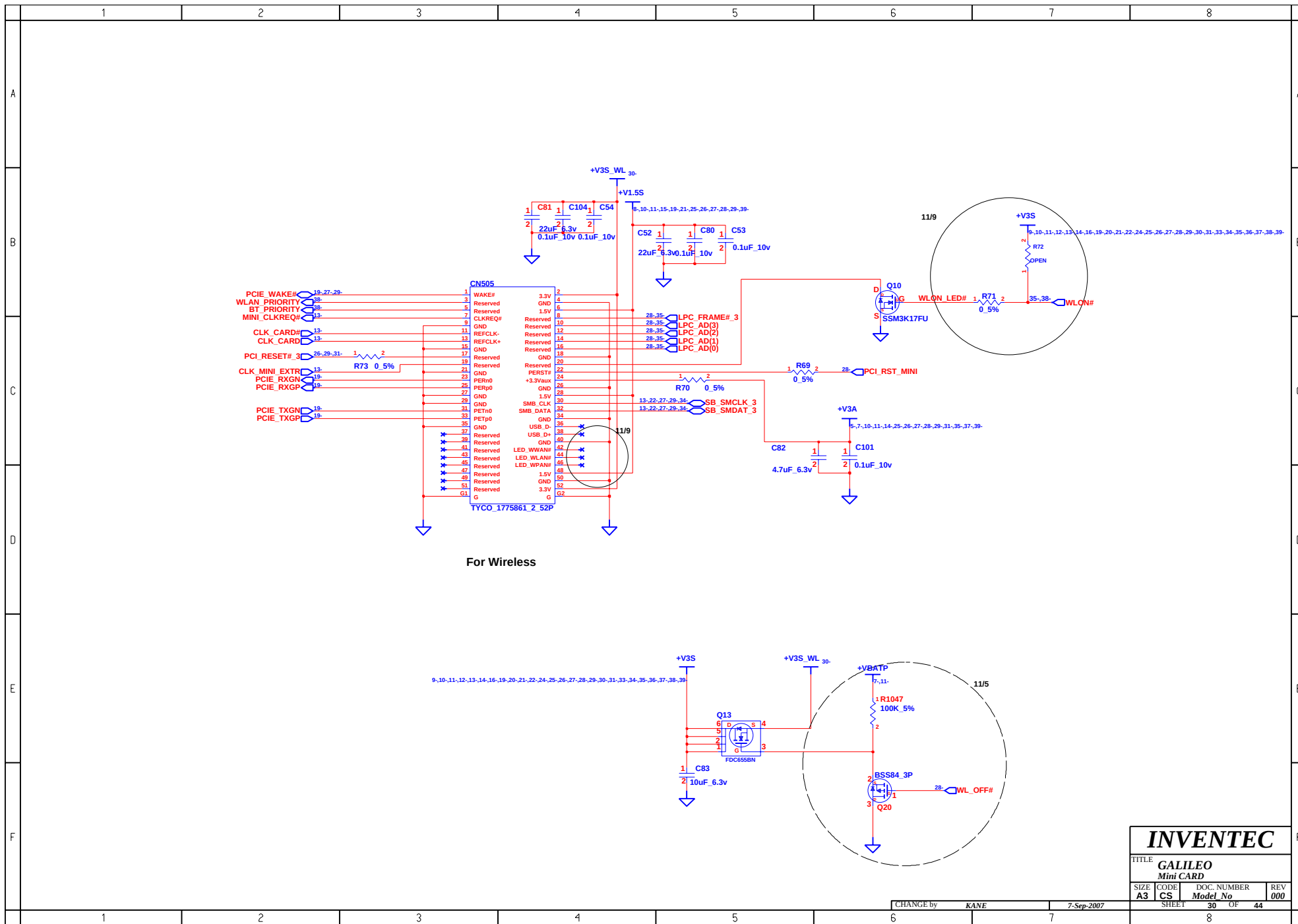
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TITLE
GALILEO
Express Card

SIZE	CODE	DOC. NUMBER	REV
A3	CS	29 OF 44	A0

CHANGE by KANE 9-Oct-2007

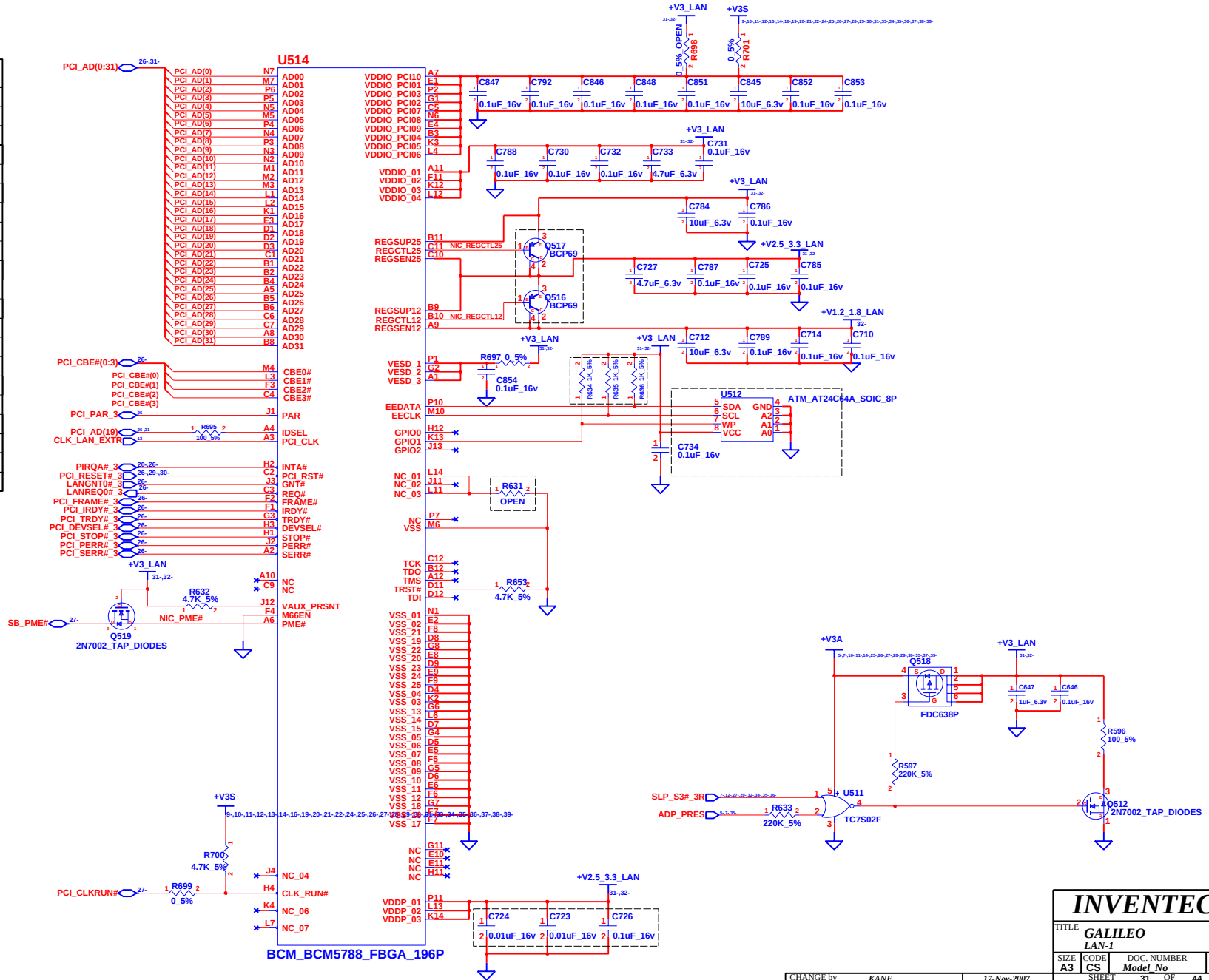
SHEET 29 OF 44



INVENTEC			
TITLE GALILEO Mini CARD			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV 000
CHANGE by KANE		7-Sep-2007	
SHEET 30		OF 44	

REF (U23)	(FF) BCM5788	(DF) BCM4401
R698	NI	0.5%
R701	0.5%	NI
Q517	BCP69	NI
Q516	BCP69	NI
R634	1K 5%	NI
R635	1K 5%	NI
R636	1K 5%	NI
U512	AT24C64A	NI
U30	NI	AT93C46A
R631	NI	0.5%
C724	0.01uF_16V	NI
C723	0.01uF_16V	NI
C726	0.01uF_16V	NI

Lead Free Parts
FF:BCM5788MKFBG
DF:BCM4401KFBG



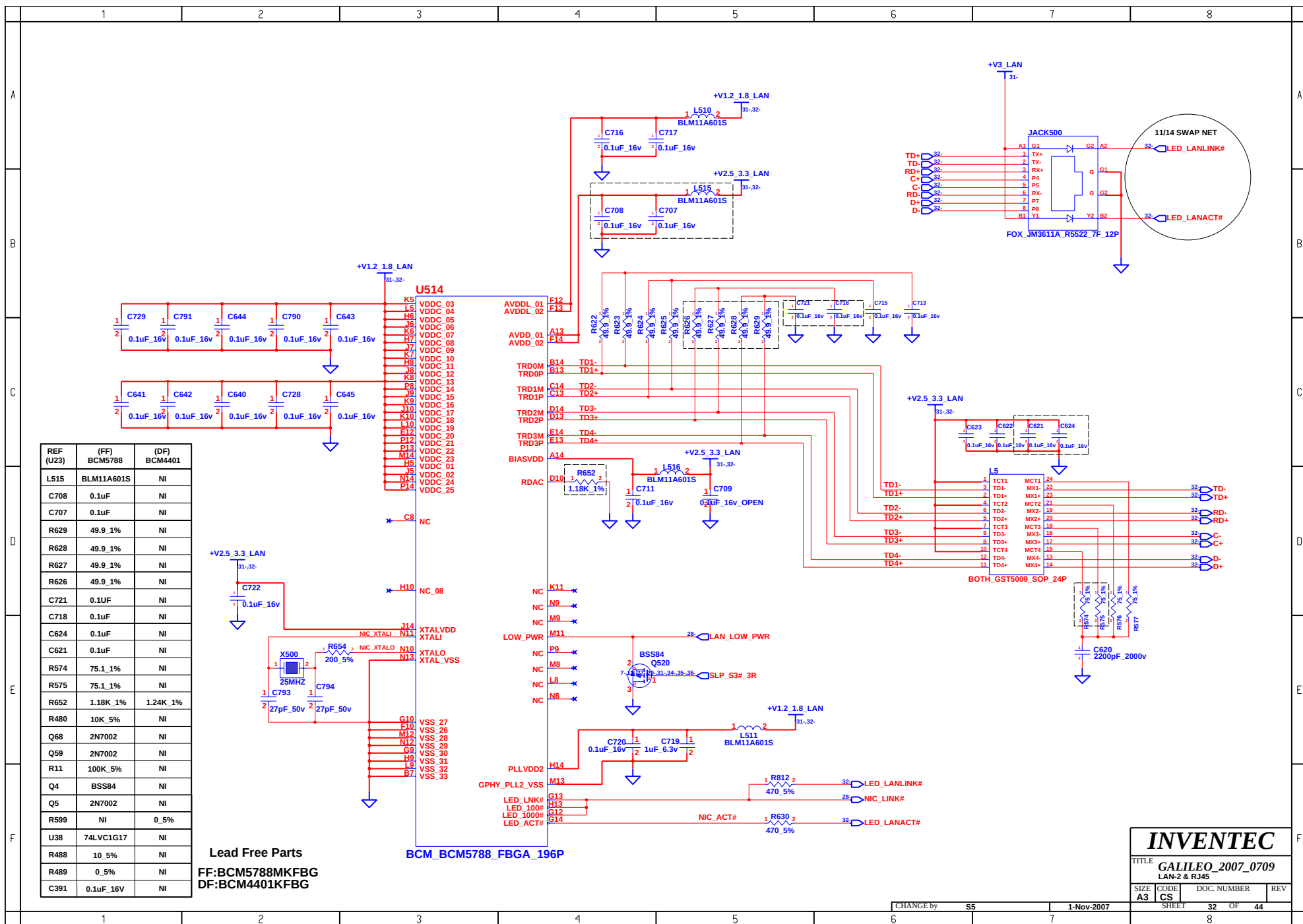
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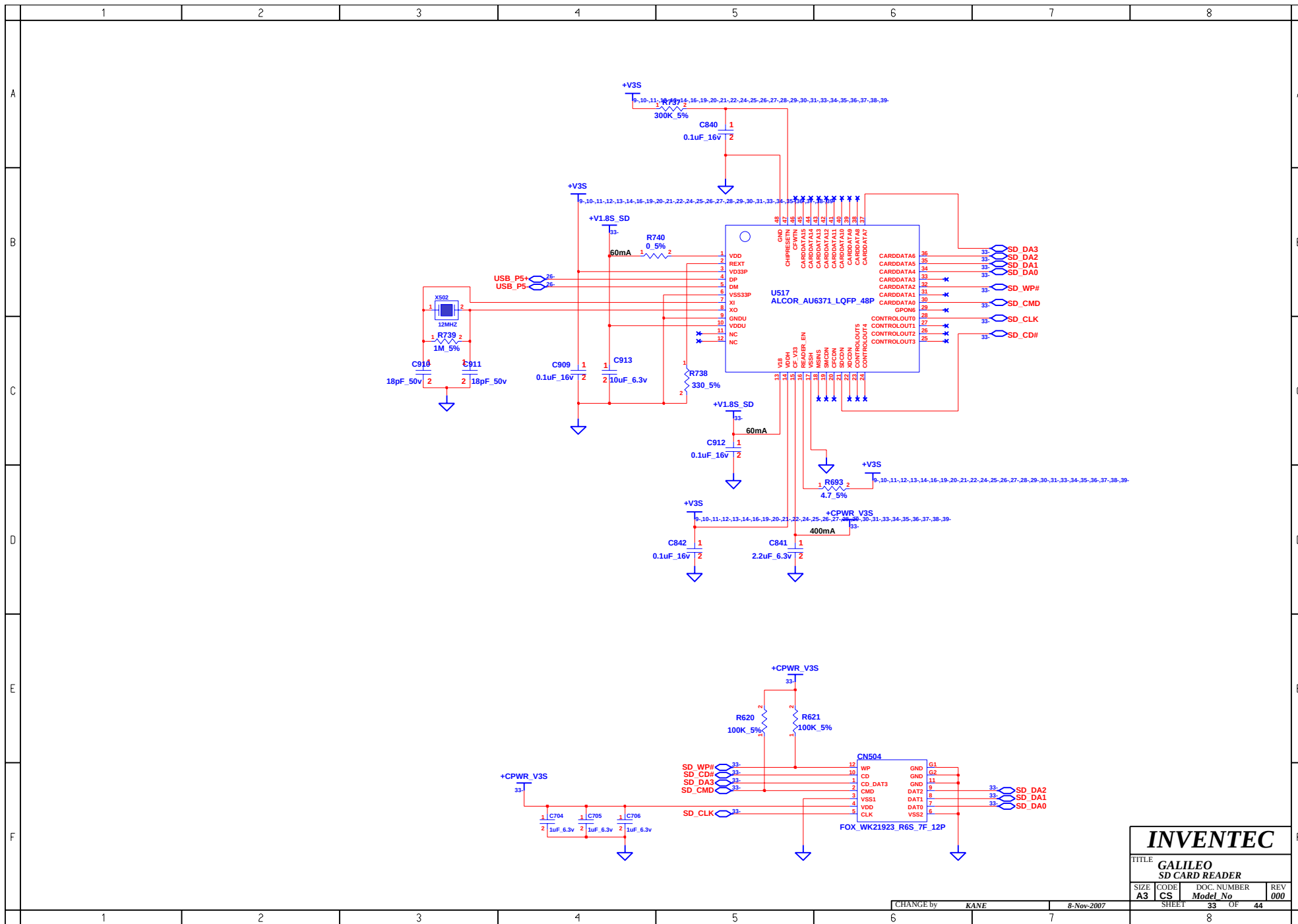
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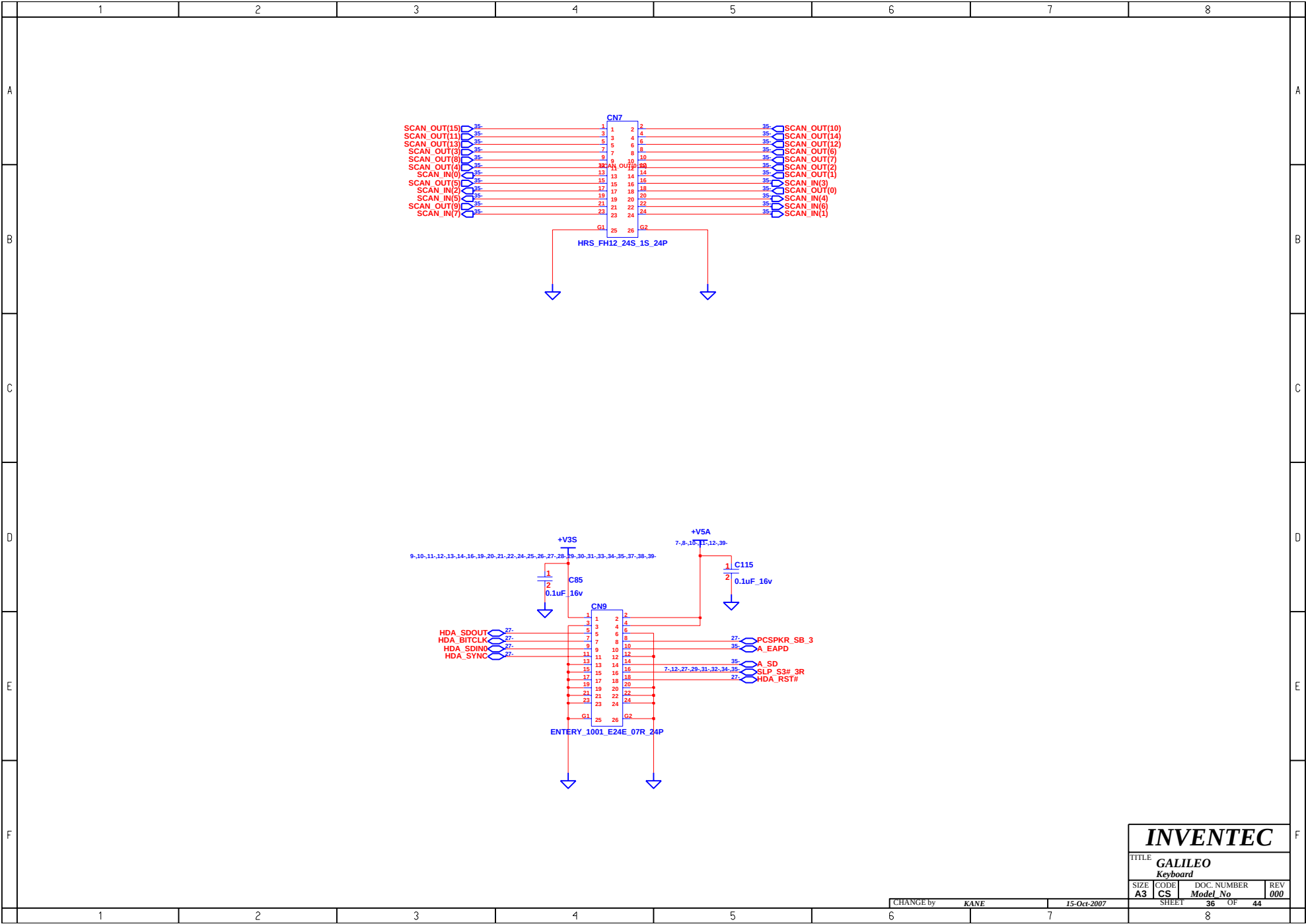
SIZE CODE DOC. NUMBER REV
A3 CS Model No 000

CHANGE by KANE 17-Nov-2007

SHEET 31 OF 44





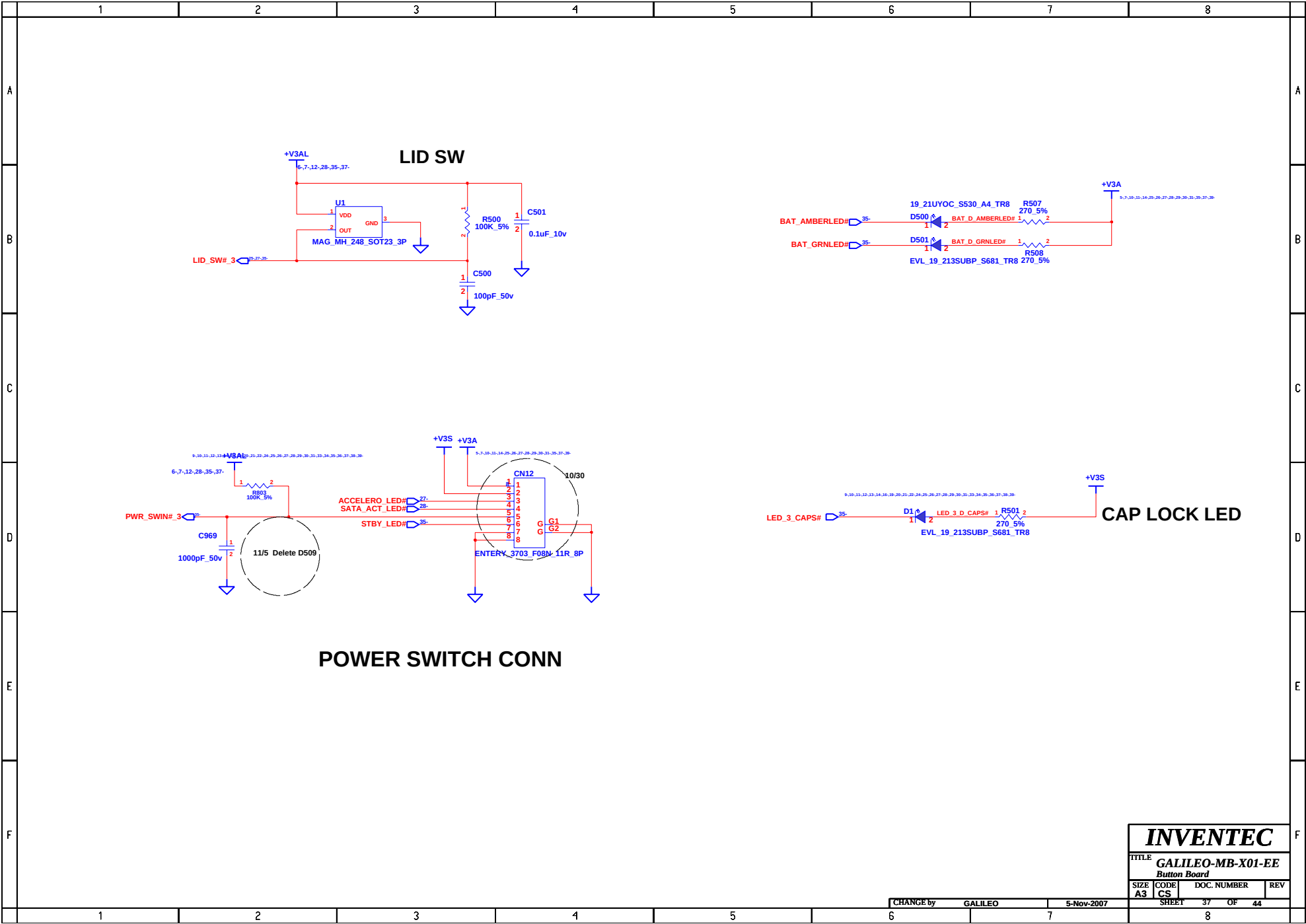


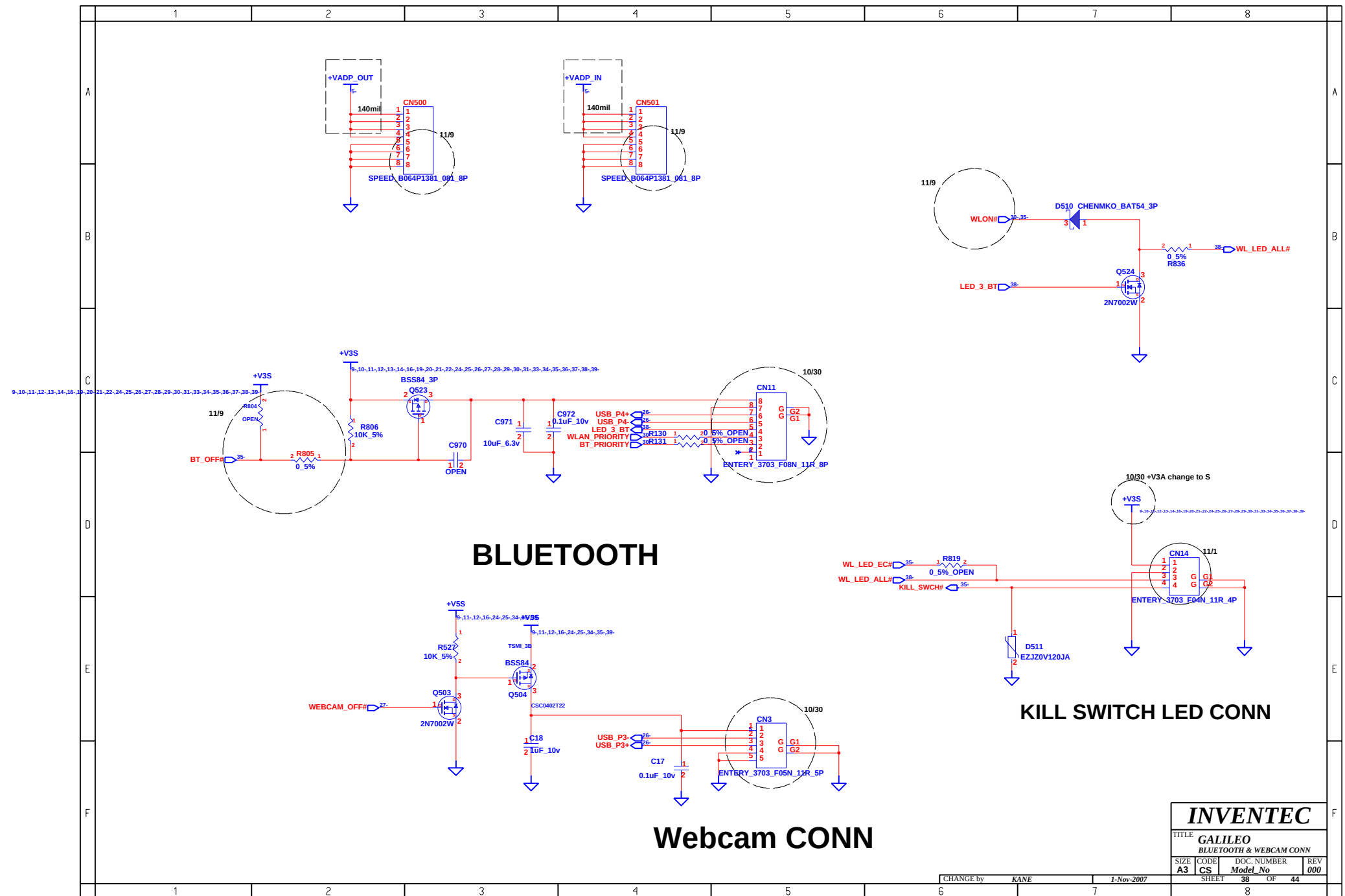
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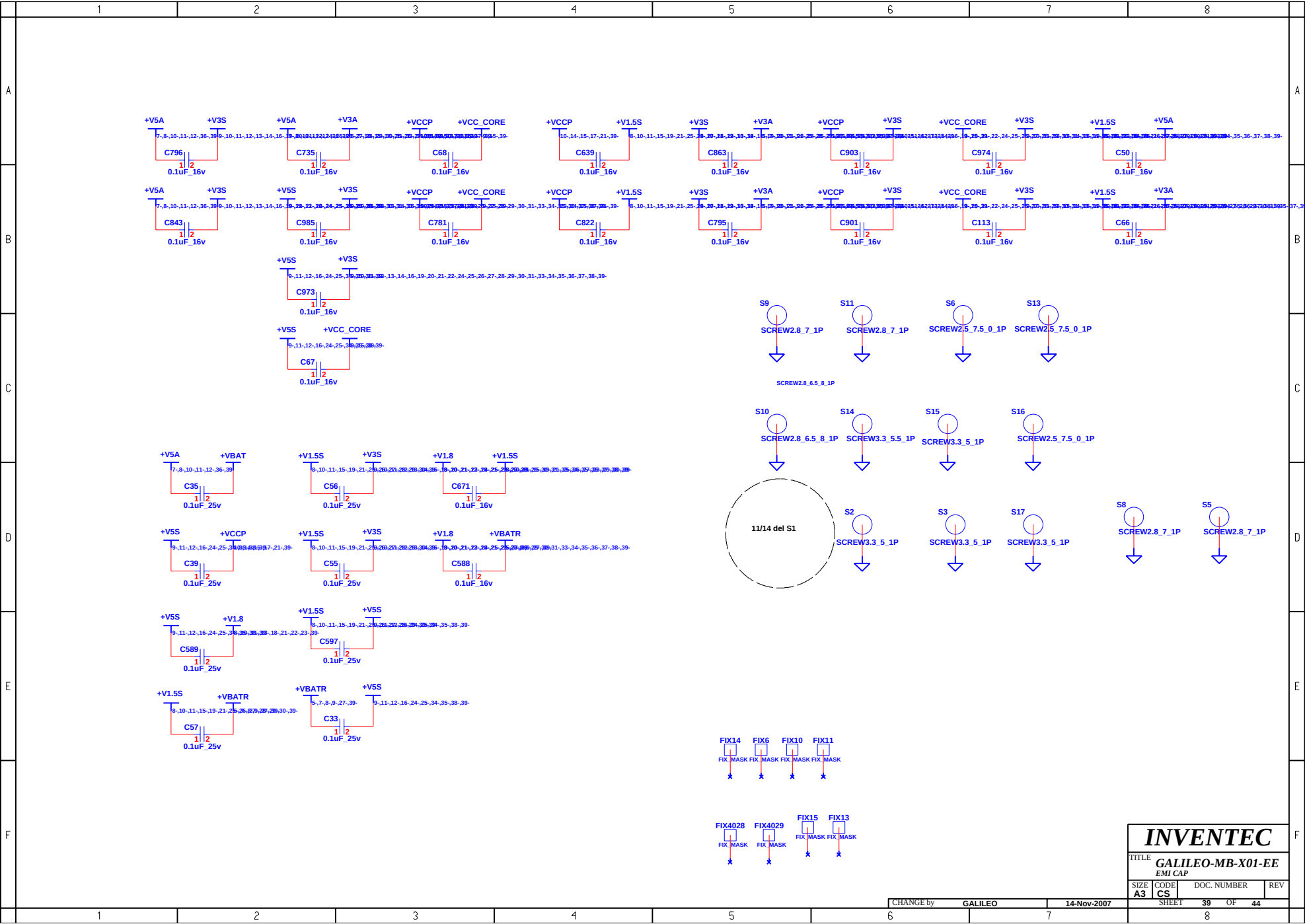
TITLE
GALILEO
Keyboard

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	000

CHANGE by	DATE	SHEET	OF
KANE	15-Oct-2007	36	44





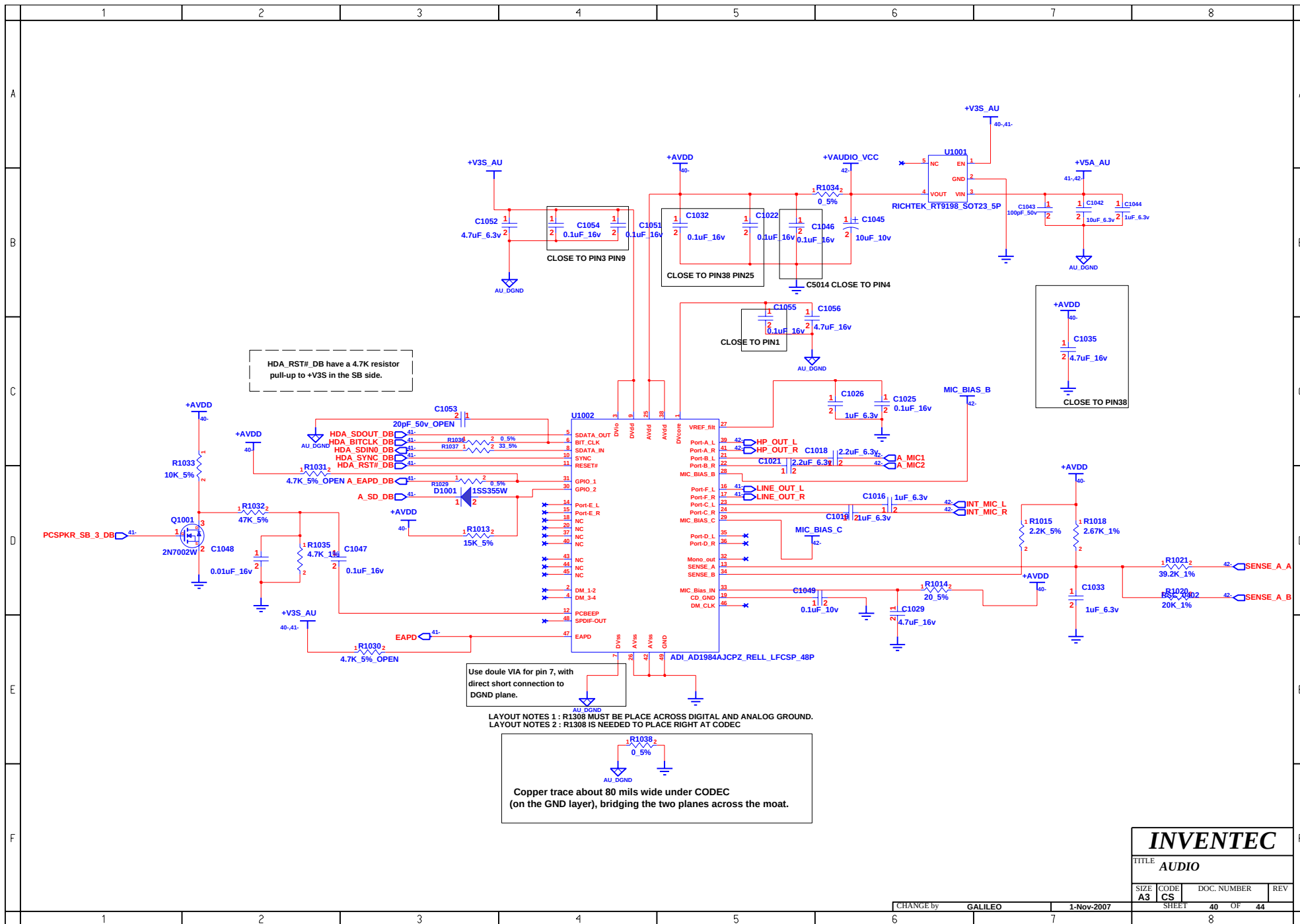


INVENTEC

TITLE GALILEO-MB-X01-EE
EMI CAP

SIZE CODE DOC. NUMBER REV
A3 CS SHEET 39 OF 44

CHANGE by GALILEO 14-Nov-2007



INVENTEC

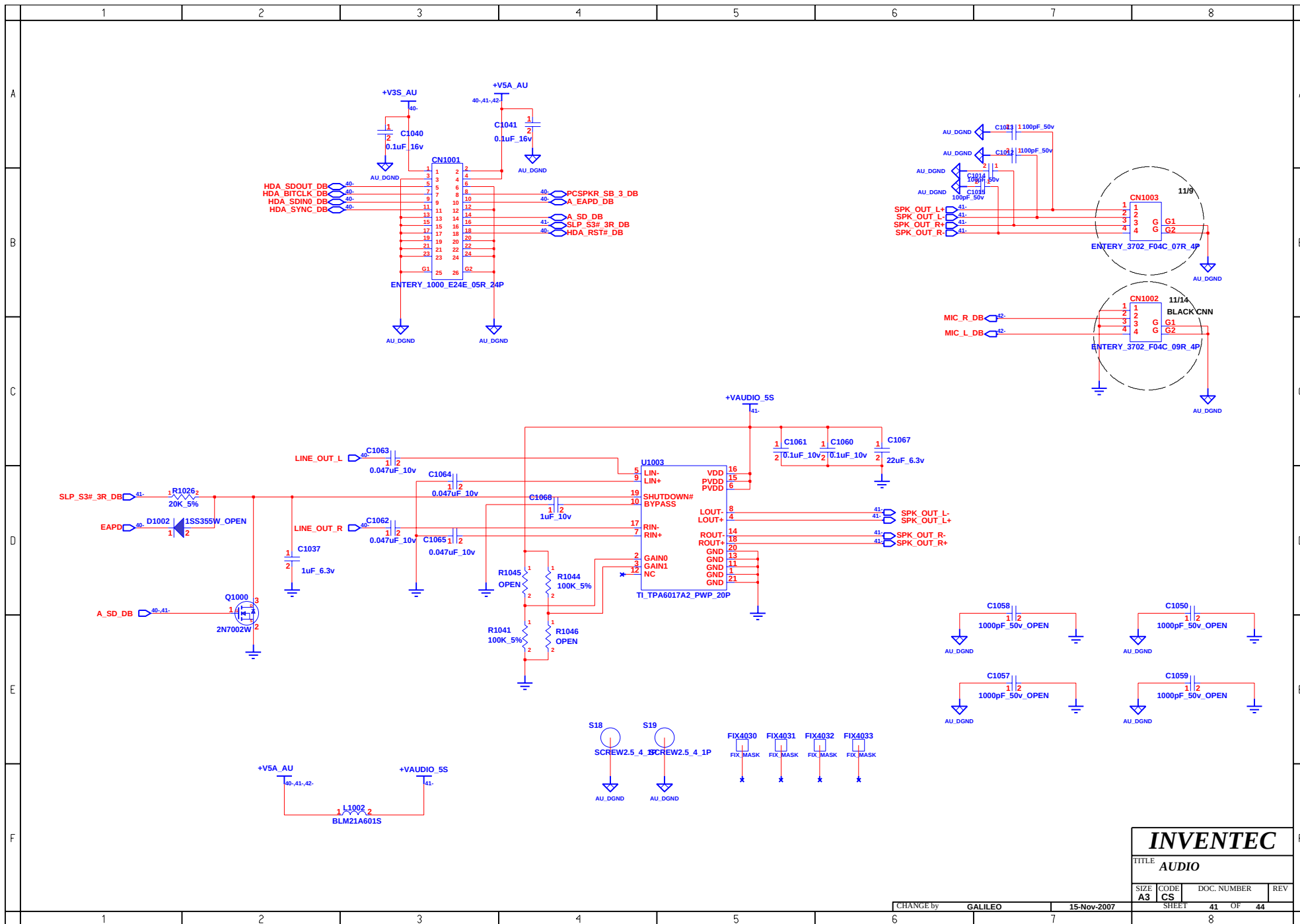
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AUDIO

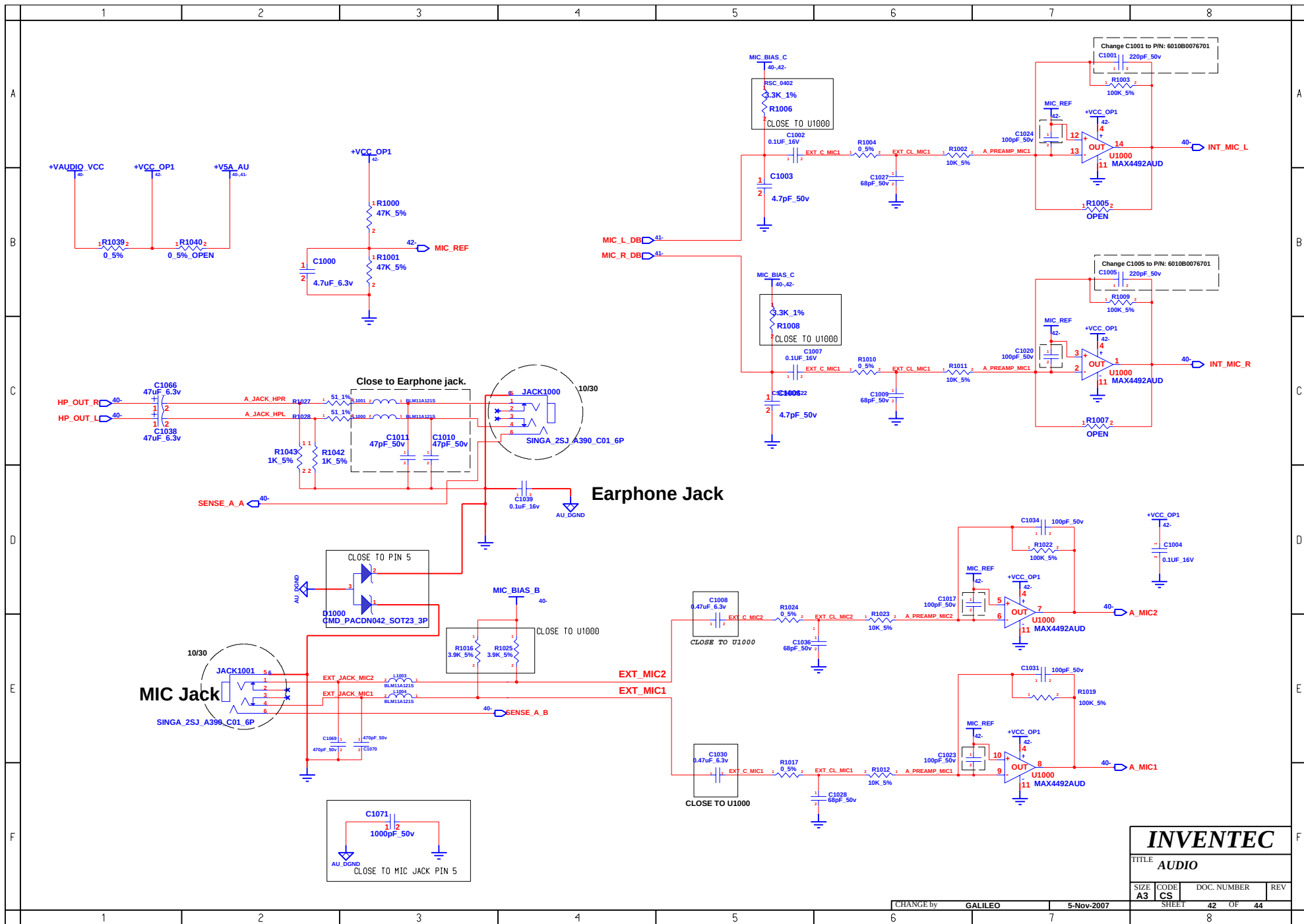
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A3 CS 40 OF 44

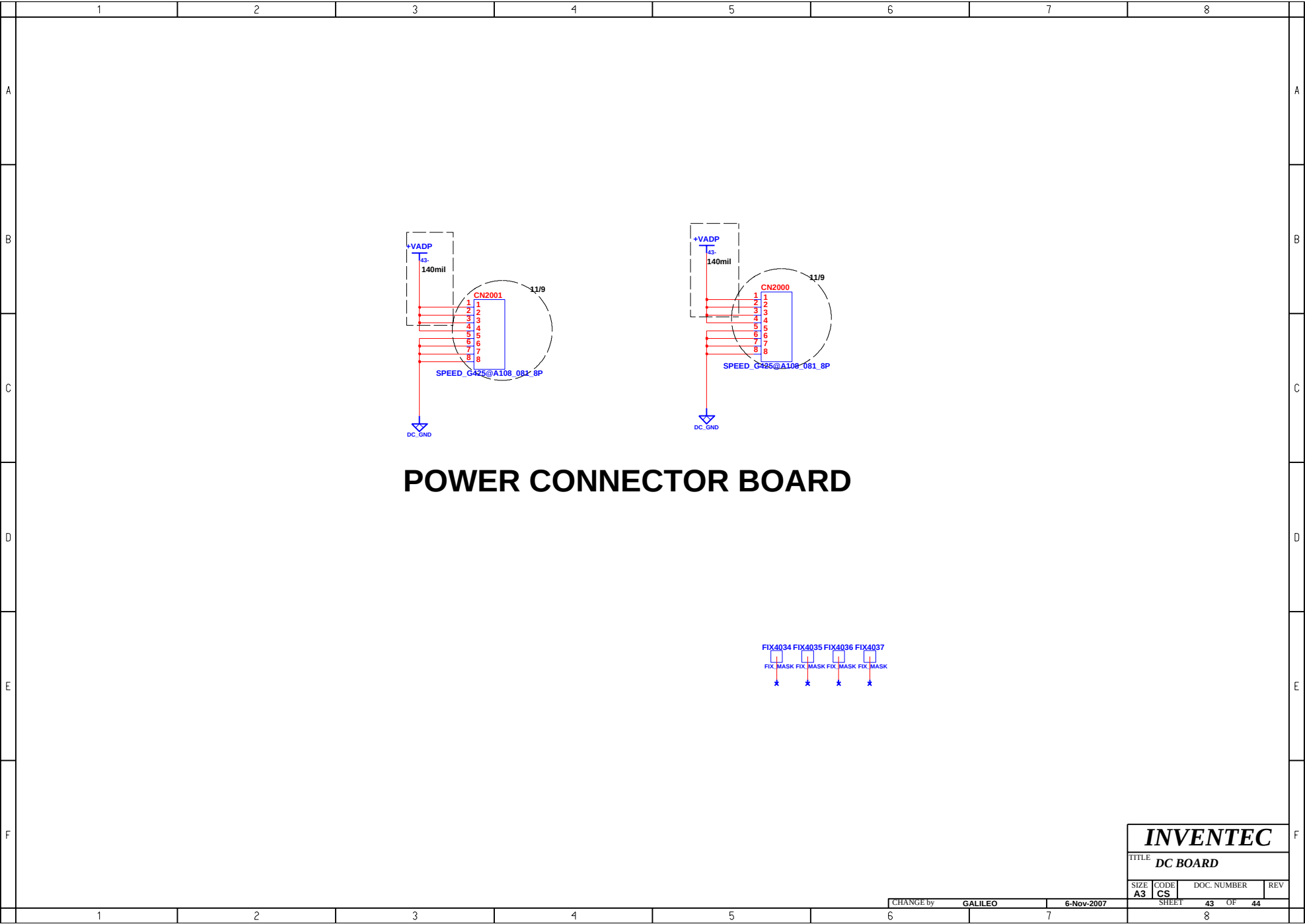
CHANGE by **GALILEO** 1-Nov-2007

SHEET

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POWER CONNECTOR BOARD

INVENTEC			
TITLE DC BOARD			
SIZE A3	CODE CS	DOC. NUMBER	REV
CHANGE by GALILEO		6-Nov-2007	
SHEET 43		OF 44	

	1	2	3	4	5	6	7	8	
A	VERSION DB TO SI								A
	10/30								
	1. PAGE 8 --- change R57 to 11.3K 2. PAGE 9 --- Add R28-R35 (0 ohm 5%) 3. PAGE 9 --- Add C1072 (330uF_OPEN) . Add a POWERPAD 4. PAGE 11 --- Delete R17(47ohm) , R15 (100K), C17 (0.1uF_25V) 5. PAGE 11 --- Delete Q753, Q748(NMOS), Q4 (PMOS) 6. PAGE 11 --- Add a PAD and connects +V3A and +V3 7. PAGE 14 --- Q510, Q514 change to NMOS (SSM3K17FU) 8. PAGE 28 --- change R659 to 1K 9. PAGE 28 --- change SEEDI from GND to +V3S 10. PAGE 34 --- change C700,C606 to 150uF_6.3V 11. PAGE 20 --- change R673 to OPEN, change R736 to 10K_1% 12. PAGE 38 --- change pin1 from +V3A to +V3S 13. PAGE 35 --- change U515 to SST25V080B (1M FLASH)								
B	11/1								B
	1. PAGE 25 --- Add CN15 (6 pin connector) for LVDS 2. PAGE 38 --- change CN14 to 4pin connector								
	11/2								
	1. PAGE 41 --- change 8 pin connector to 4pin connector*2 for SPK and MIC 2. PAGE 28 --- Delete R89 ; change D10 to BAT54C ; change R90 to 1K ohm ; change R92 to 510 ohm.								
	11/5								
C	1. PAGE 38 --- change CN500, CN501's pin 4,5 to connect +V5S 2. PAGE 43 --- change CN2000, CN2001's pin 4,5 to connect +V5S_DC 3. PAGE 30 --- Add Q20(PMOS), change R23 to R1047(100K) 4. PAGE 37 --- Delete D509 5. PAGE 24 --- Add D1003								C
	11/6								
	1. PAGE 25 --- change pin 3,4 and pin 5,6 of CN15 2. PAGE 5 --- add R1048 3. PAGE 5 --- change c24 to 0.1UF 4. PAGE 5--- change C16 to 2.2uF 5. PAGE 35--- change KBRST#, A20GATE pull high to +V3A								
	11/7								
D	1. PAGE 6 --- R12 change to 100ohms 2. PAGE 6 --- add D1006 3. PAGE 6 --- add D1007 4. PAGE 6--- change C15 47PF								D
	11/8								
	1. PAGE 27 --- change ACCELERO_LED# pull high to +V3A								
	11/9								
E	1. PAGE 38 --- LED_3_WLAN change to WLON# 2. PAGE 38 --- Delete U520, KILL_SWCH#. R805 change to 0 ohm 3. PAGE 34 --- ACCEL_INT# change to ACCEL_INT#_L 4. PAGE 30 --- CN505 pin 44 NC. Delete U7, R71 change to 0 ohm 5. PAGE 27 --- Delete R115, R81. Add Q303, R307. 6. PAGE 27 --- SMCLK_SMDAT change to pull high to +V3S 7. PAGE 13 --- C981, C982 change to 15pF								E
	11/14								
	1. PAGE 34 --- C606 change to 100uF_10V (Low ESR) 2. PAGE 34 --- C700 change to 150uF_6.3V (Low ESR) 3. PAGE 39 --- Del S1 4. PAGE 34 --- SWAP L520 D+ D- 5. PAGE 41 --- CHANGE CN1002 TO 6012B0239001 (BLACK) 6. PAGE 32 --- SWAP LED_LANACT# & LED_LANLINK# 7. PAGE 27 --- CHANGE R81 ,R115 TO 0402 TYPE								
F	11/16								F
	1. PAGE 24 --- C11 change to 0.1uF_6.3V 2. PAGE 24 --- C512 change to 0.22uF_6.3V 3. PAGE 24 --- R3,R9 change to 33ohm 4. PAGE 24 --- U500 change to 74LVC2G126DP 5. PAGE 24 --- Q1,Q3 change to SSM3K17FU 6. PAGE 24 --- Add R350,R351 (10Kohm)								
CHANGE by GALILEO						16-Nov-2007		SHEET 44 OF 44	
1	2	3	4	5	6	7	8	INVENTEC	
								TITLE History	
SIZE A3		CODE CS		DOC. NUMBER		REV			