

2007 0413

TABLE OF CONTENTS

PAGE	PAGE	PAGE
1.COVER PAGE	32.S-VIDEO CONN	55.FILICA & CAMERA CONN
2.INDEX	33.LCM CONN	56.ODD CONN
3.BLOCK DIAGRAM	34. HDMI TRANSMITTER-1	57.USB CONN
4.POWER SEQUENCE BLOCK	35. HDMI TRANSMITTER-2	58.BLUE TOOTH CONN
5-12.SYSTEM POWER	36.S/B ICH8 1	59.MINI CARD
13.CLOCK GENERATOR	37.S/B ICH8 2	60.KBC
14.CPU Merom1	38.S/B ICH8 3	61.IR BLASTER
15.CPU Merom2	39.S/B ICH8 4	62.K/B CONN
16.CPU Merom3	40.S/B ICH8 5	63.HDMI CONN
17.CPU Merom4	41.CARDBUS CONTROLLER	64.AZALIA CODEC
18.FAN & THERMAL CONTROLLER	42.PCMCIA CONN	65.AUDIO AMP & H/LPF
19.N/B Crestline 1	43.5 IN 1 CARD SLOT	66.MDC 1.5 CONN
20.N/B Crestline 2	44.1394 CONTROLLER	67.PW SWITCH
21.N/B Crestline 2.1	45.EXPRESS CARD CONN	68.DB CONN
22.N/B Crestline 3	46.TV TUNNER-MASTER	69.SCREW
23.N/B Crestline 4	47.TV TUNNER-SLAVE	70.EMI
24.N/B Crescline 5	48.BCAS CARD-1	71.FINGER PRINTER
25.N/B Crestline 6	49.BCAS CARD-2	72.TOUCH PAD
26.N/B Crestline 7	50.LAN CONTROLLER	73.HOT KEY BOARD
27.DDR2 DIMM0	51.LAN POWER	74.5 WAY+BACK
28.DDR2 DIMM1	52.RJ45 & TRANSFORMER	75.AUDIO BOARD
29.DDR DAMPING	53.ROBSON & WLAN	76.LED & CIR BOARD
30.MXM(GM NA)	54.SATA HDD1 & SATA HDD2 CONN	77.VOL_VR BOARD
31.CRT CONN		78.CONFIGURATION

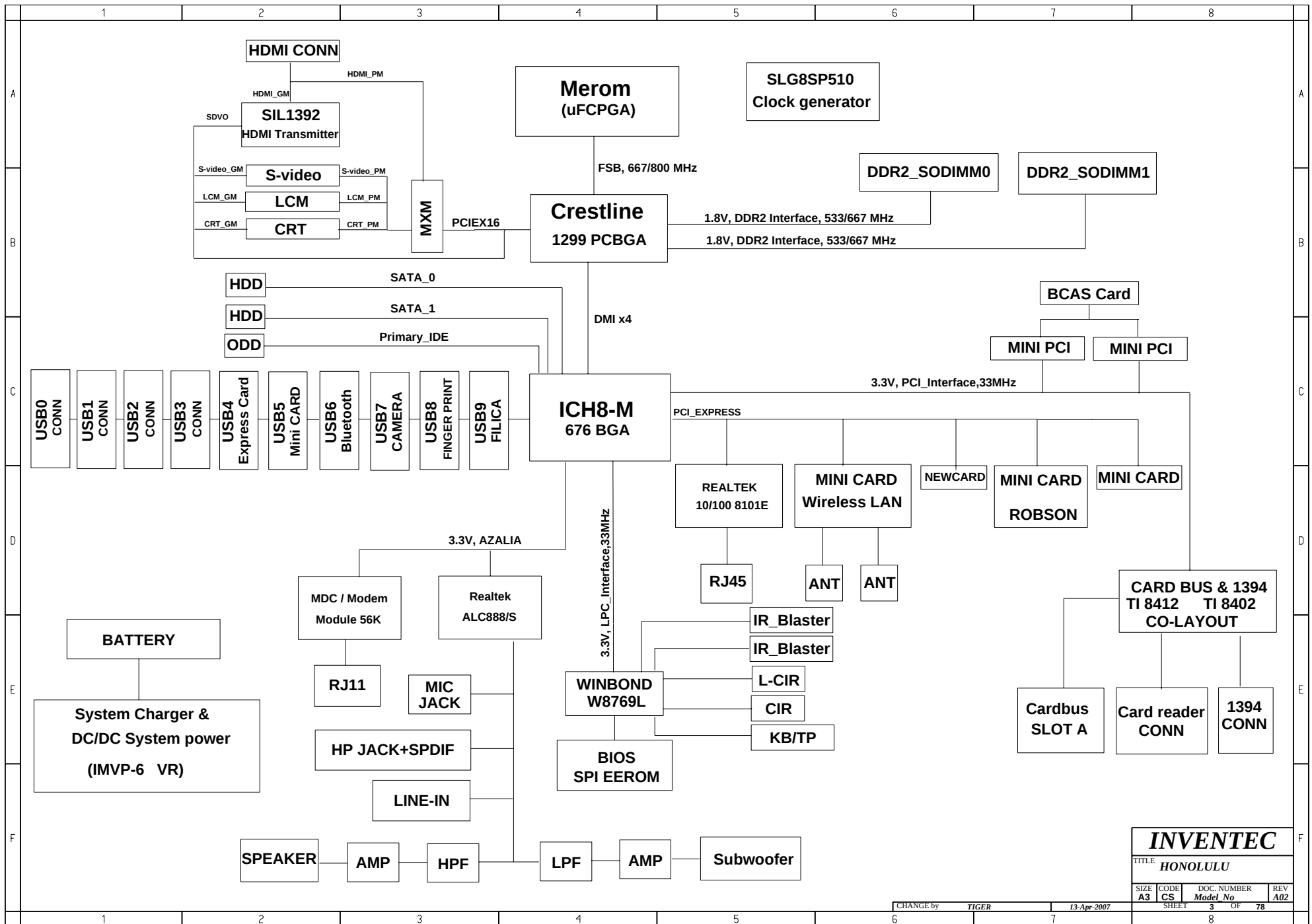
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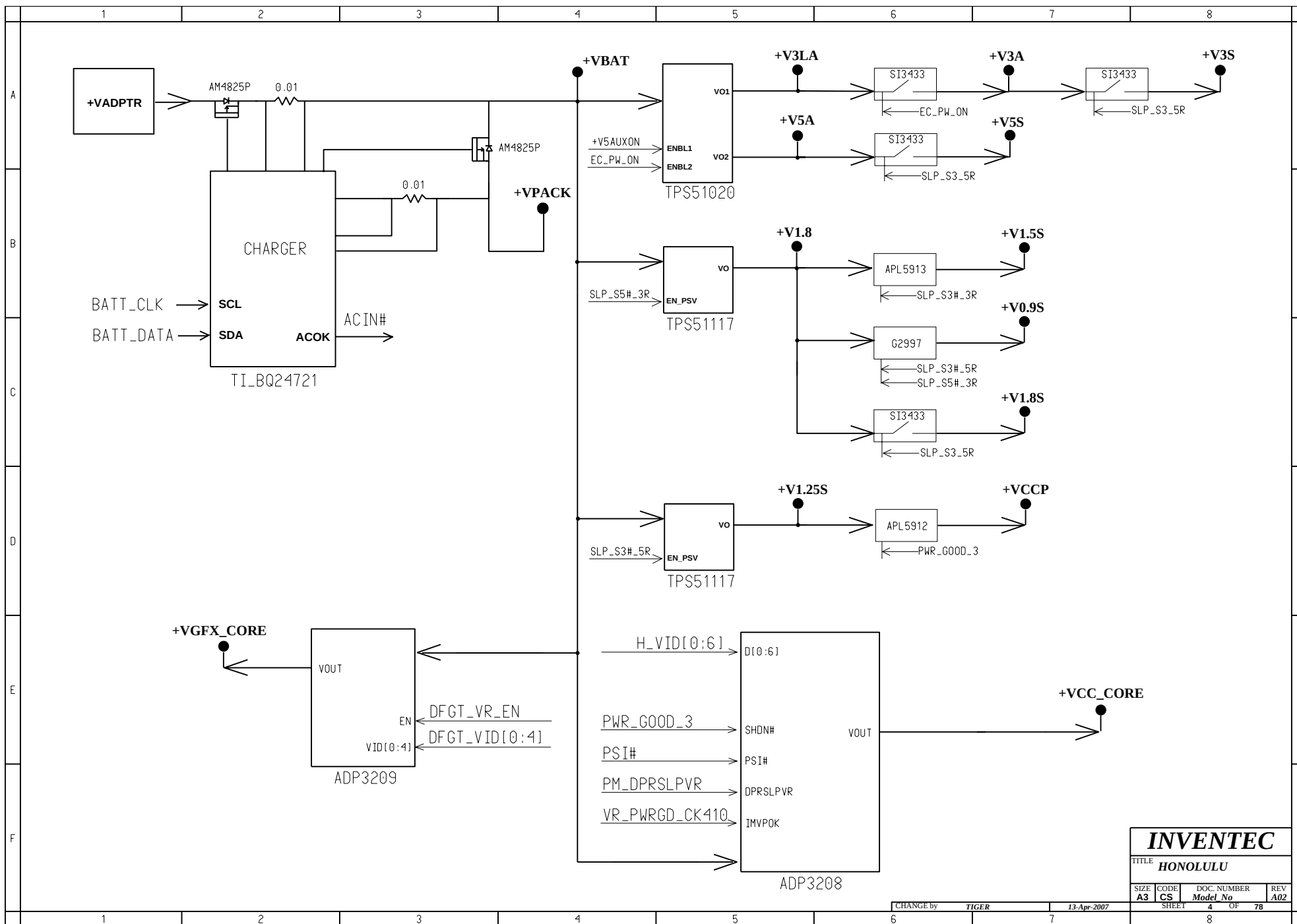
TITLE **HONOLULU**

SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
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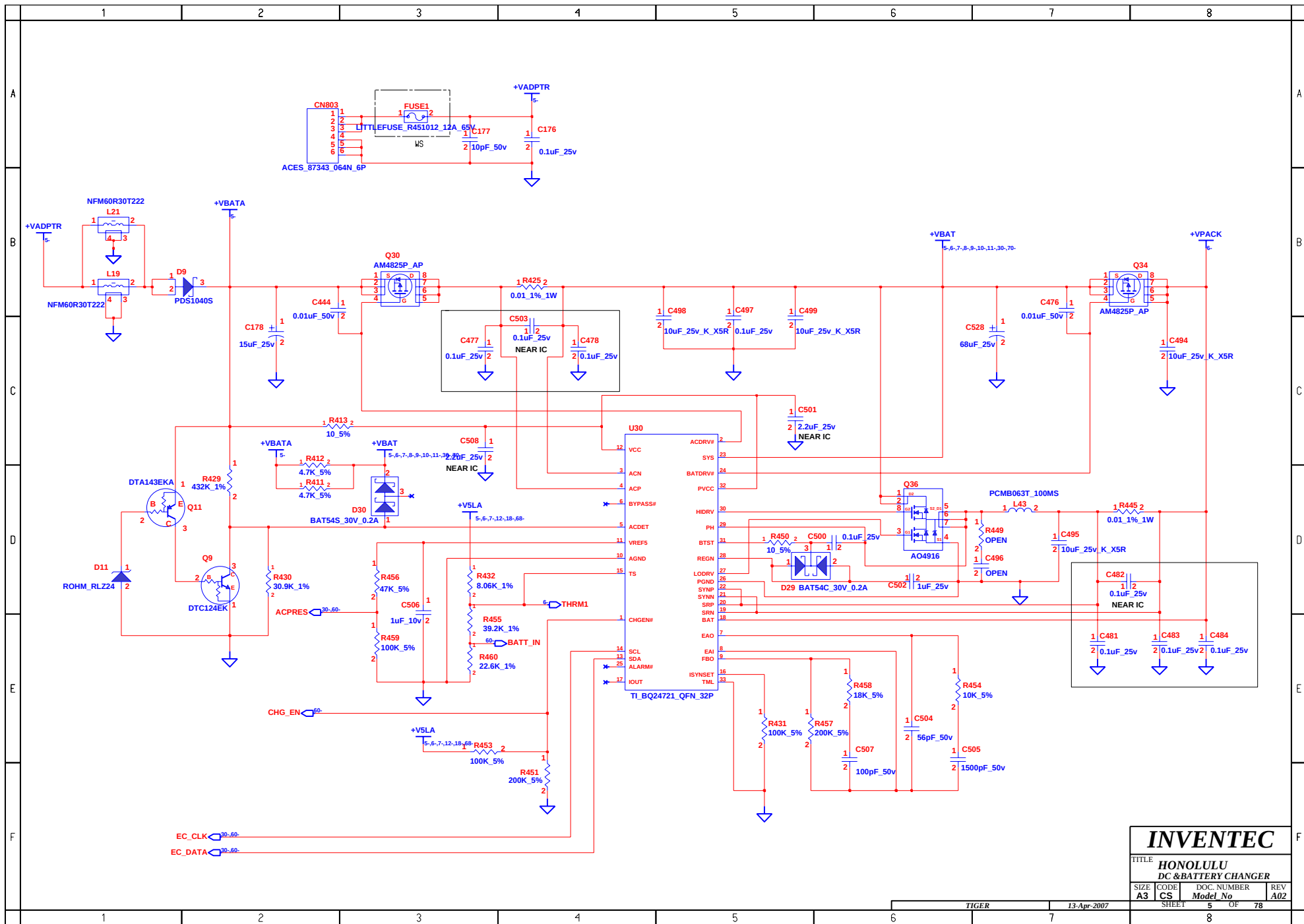
SHEET **2** OF **78**





INVENTEC			
TITLE HONOLULU			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET 4		OF 78	

CHANGE by TIGER 13-Apr-2007

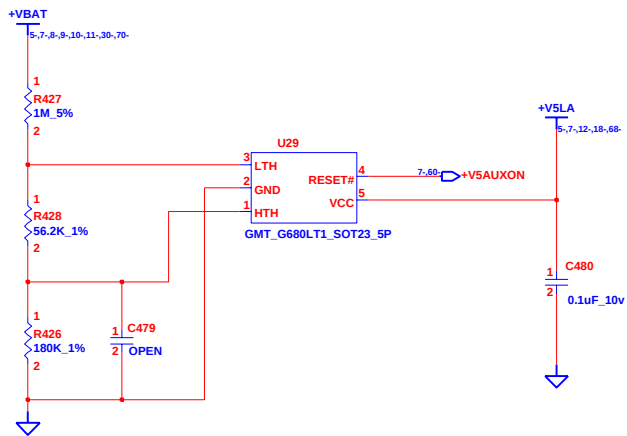
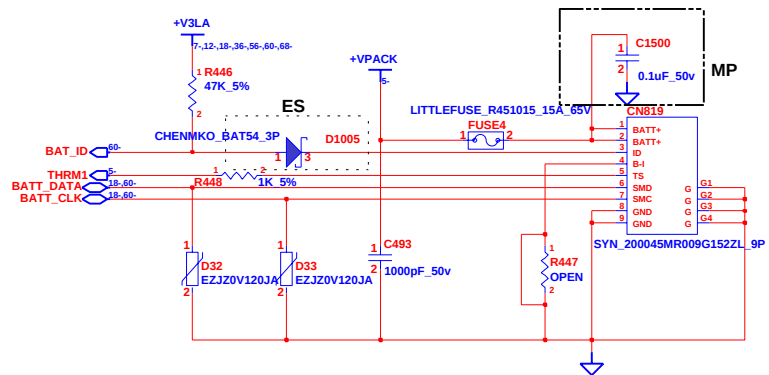


INVENTEC

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SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02

TIGER 13-Apr-2007

SHEET 5 OF 78

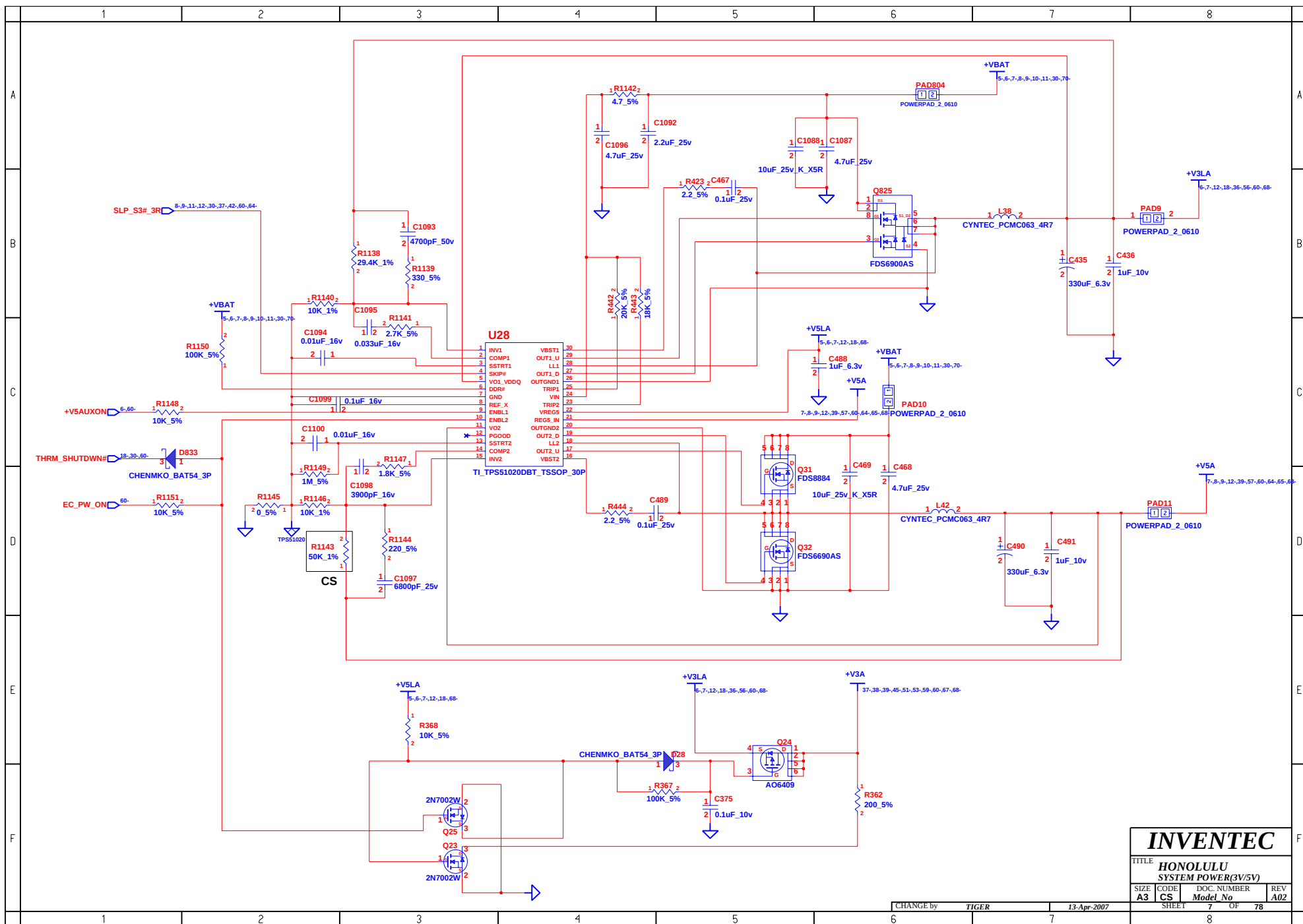


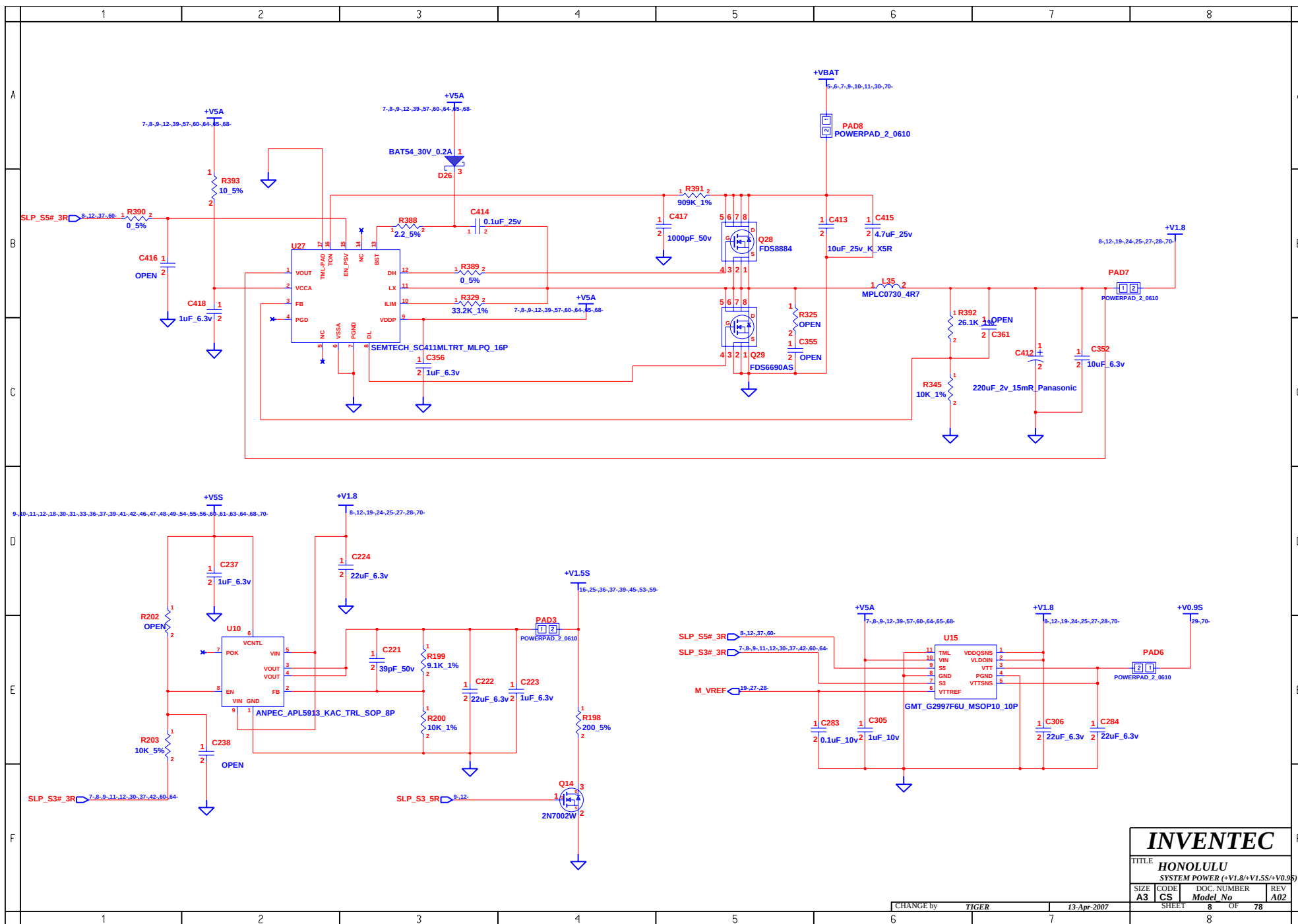
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SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02

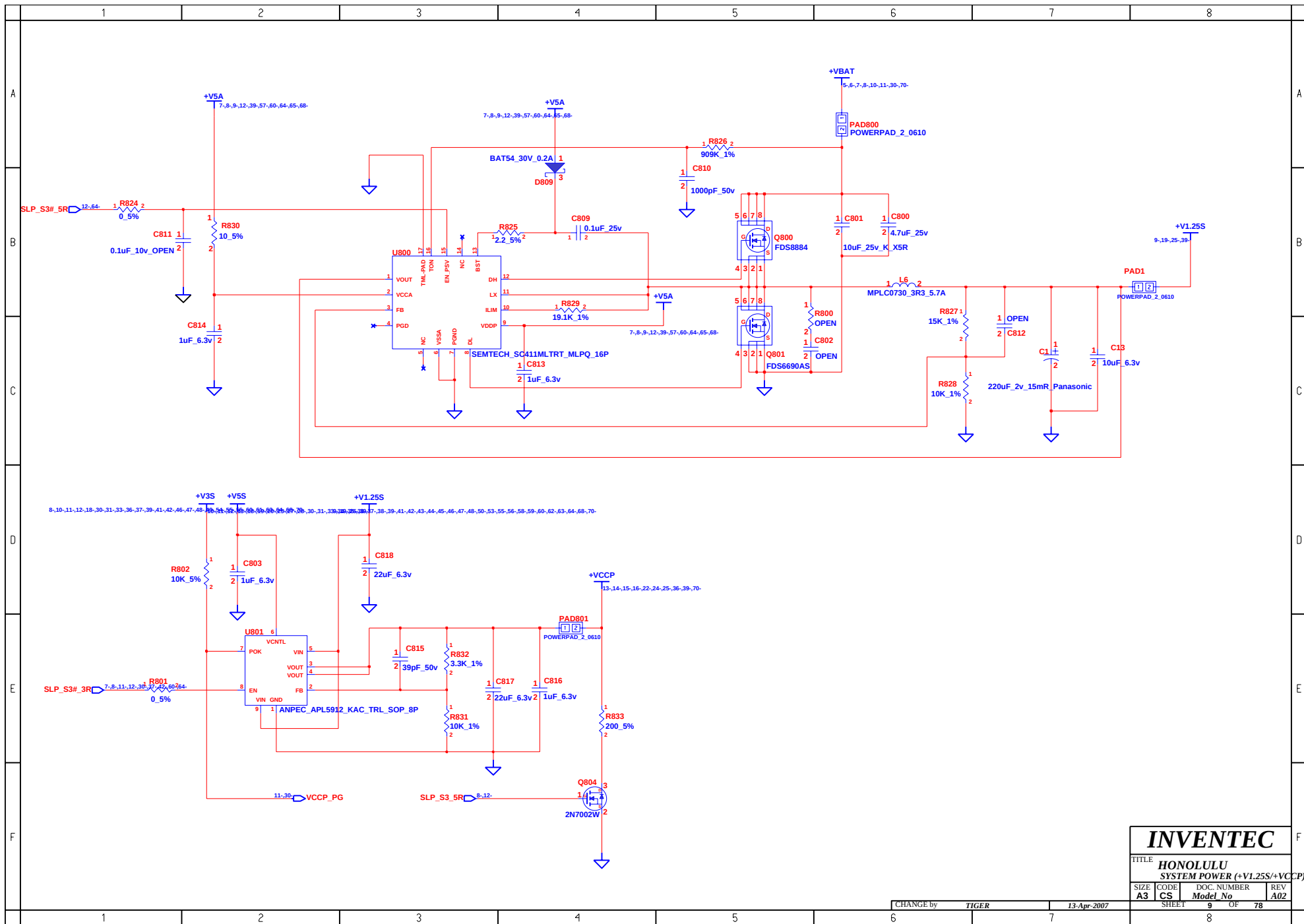
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SHEET 6 OF 78

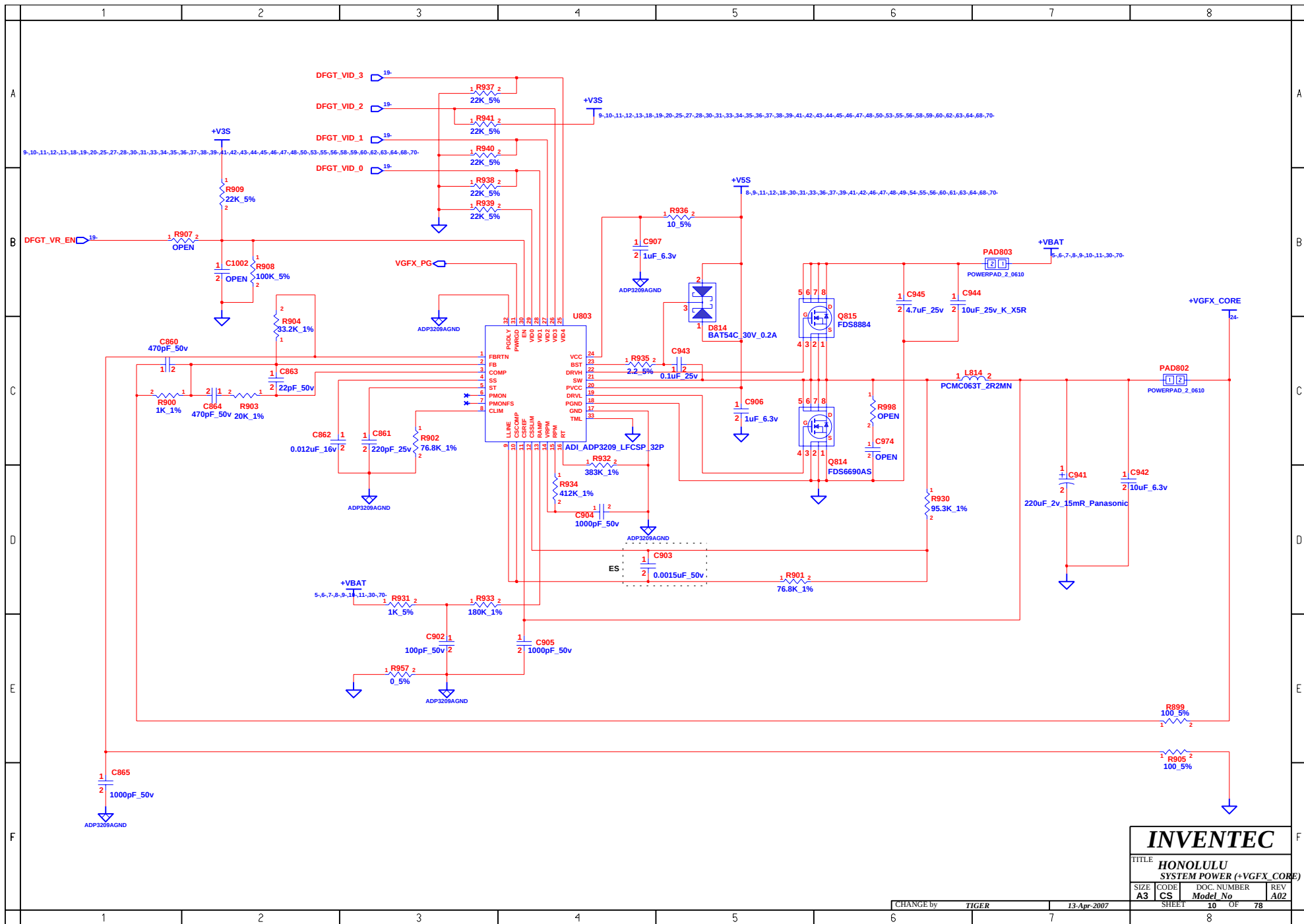


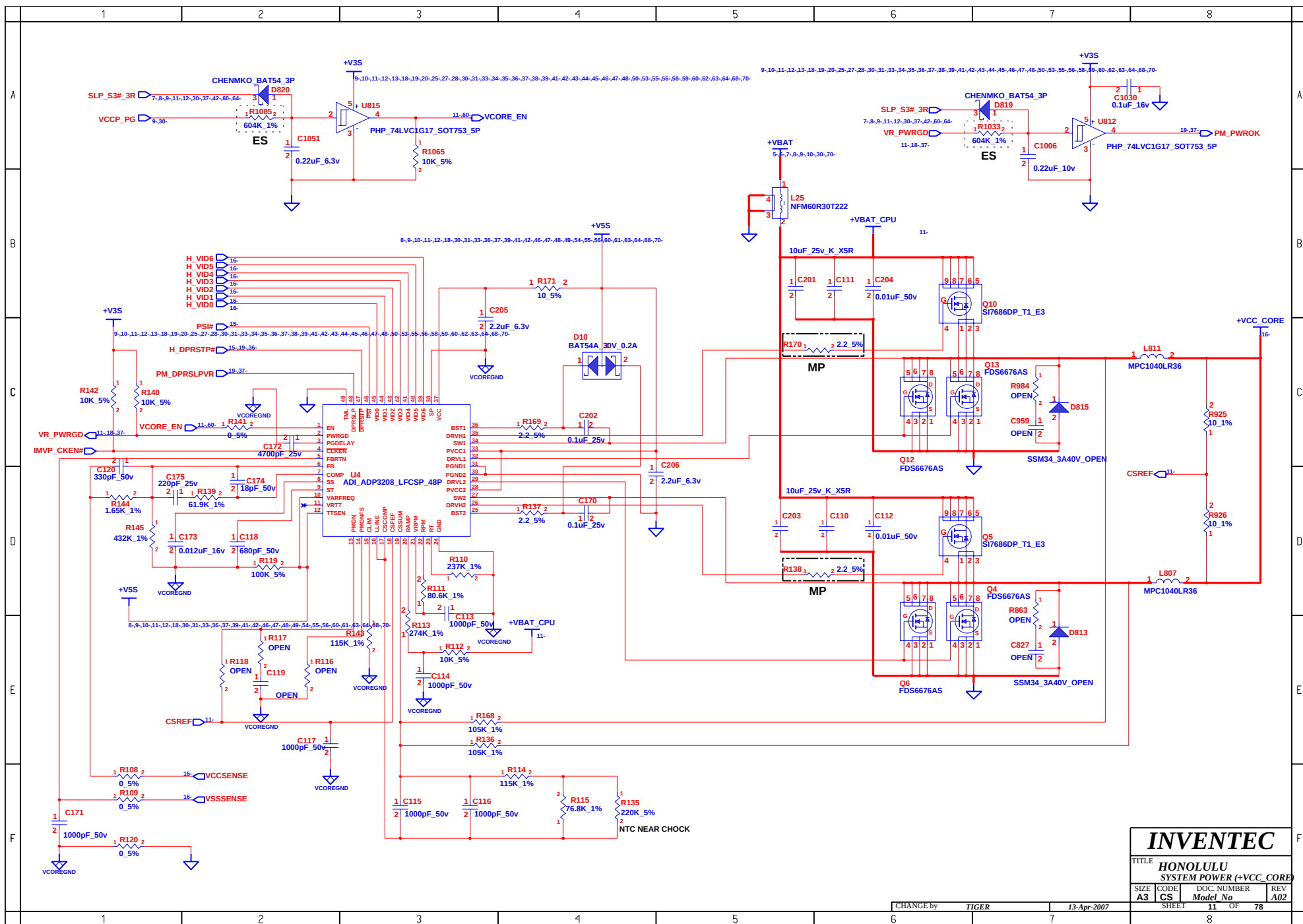


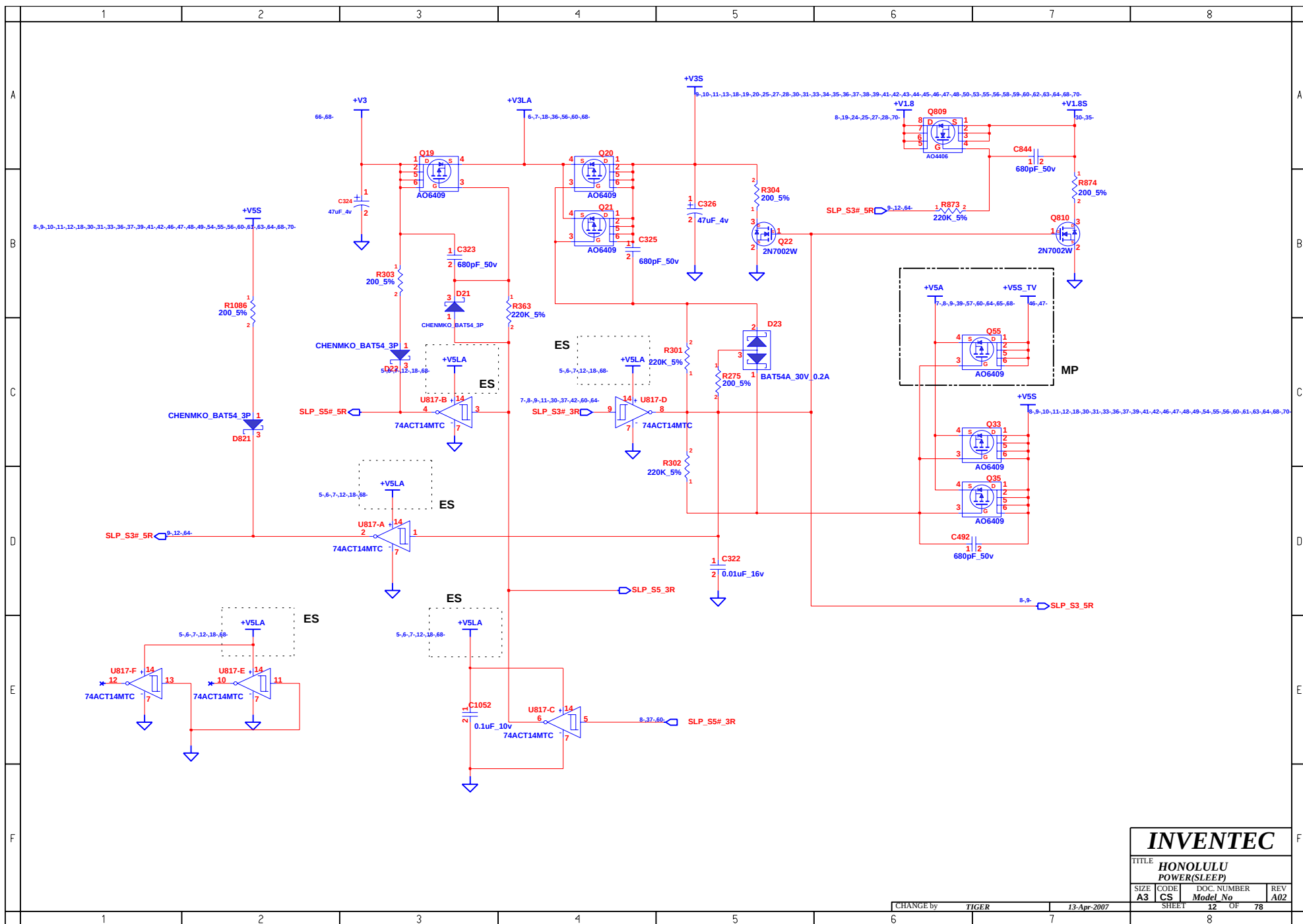
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SHEET 8		OF 78	

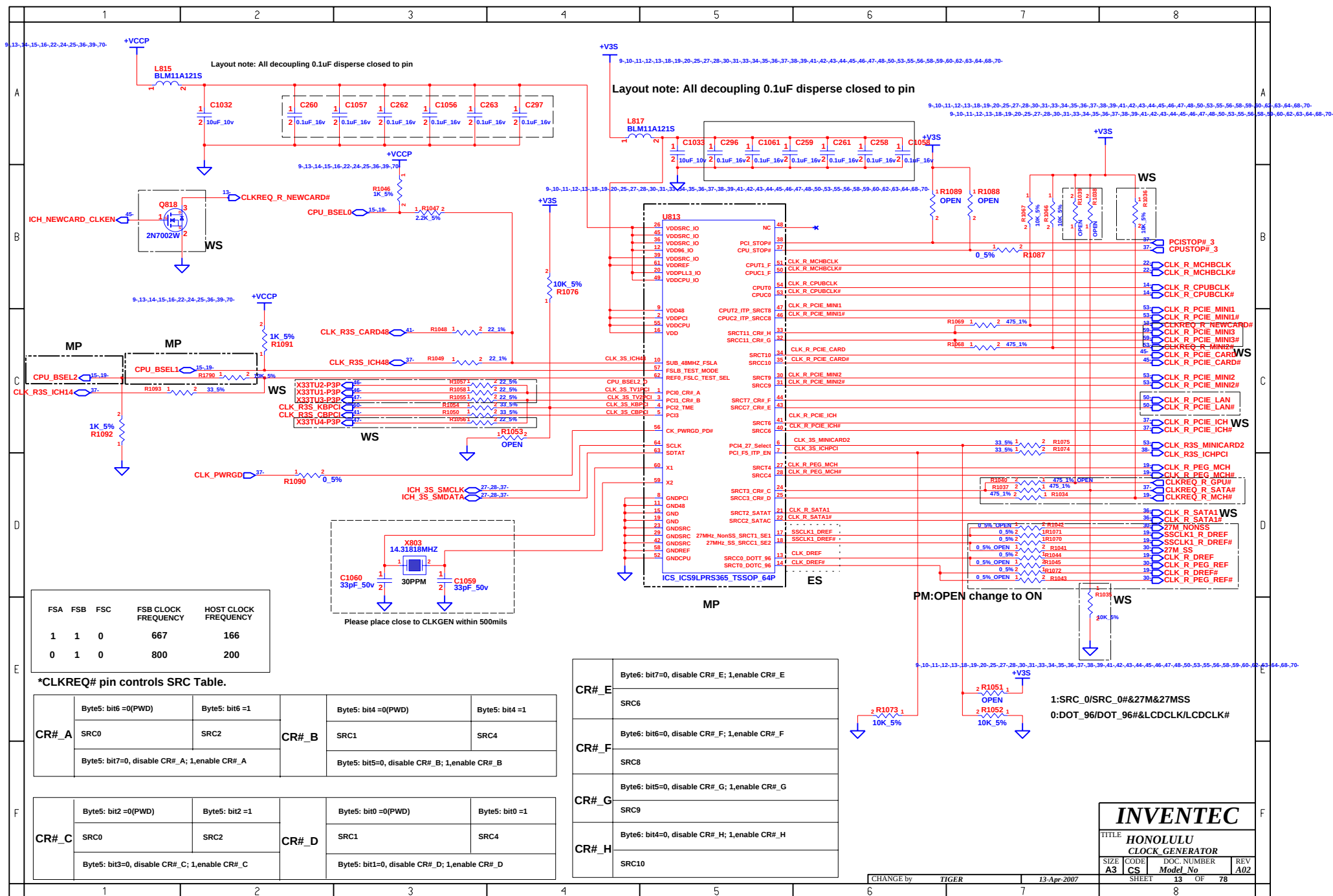


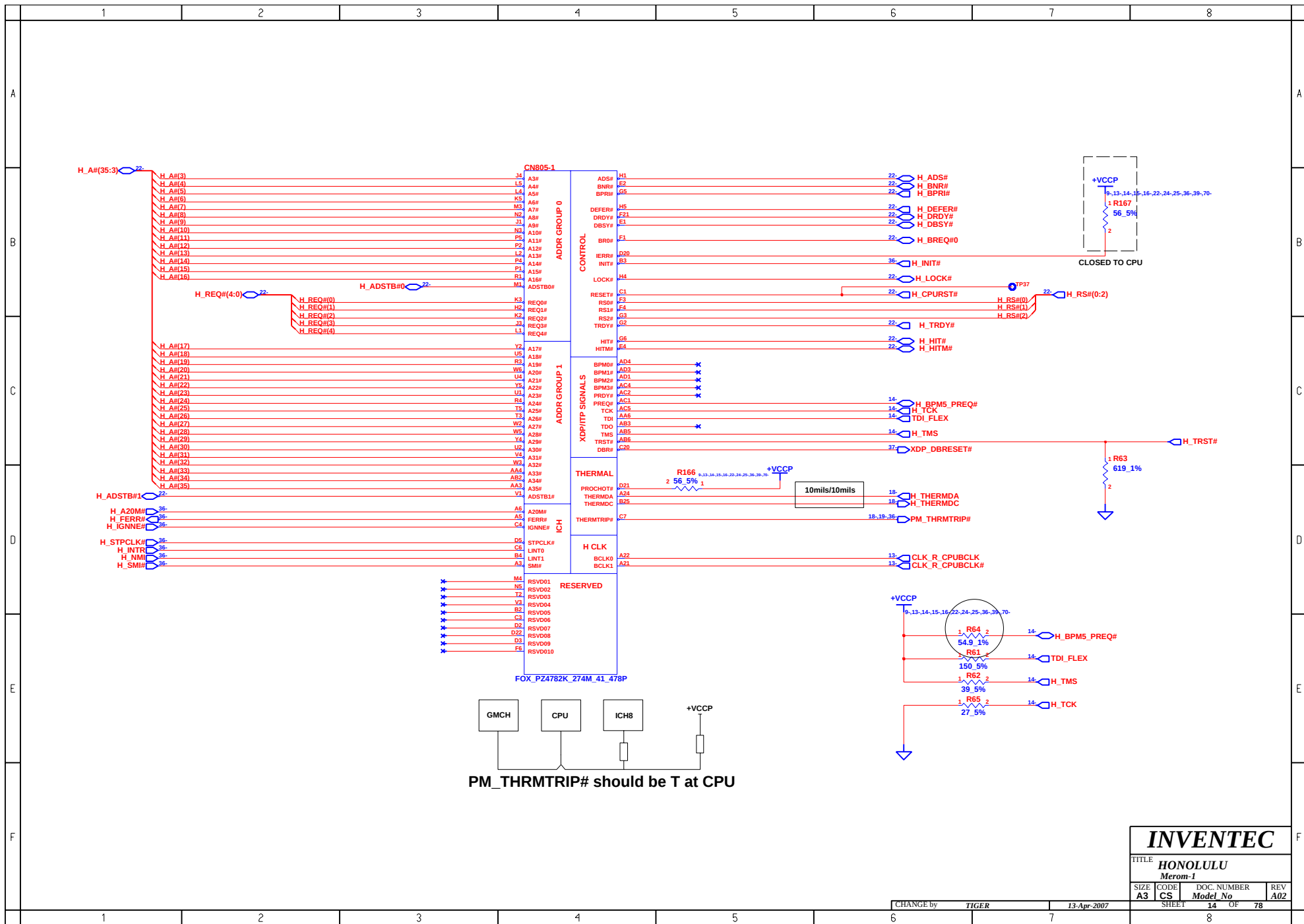
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SHEET 9		OF 78	

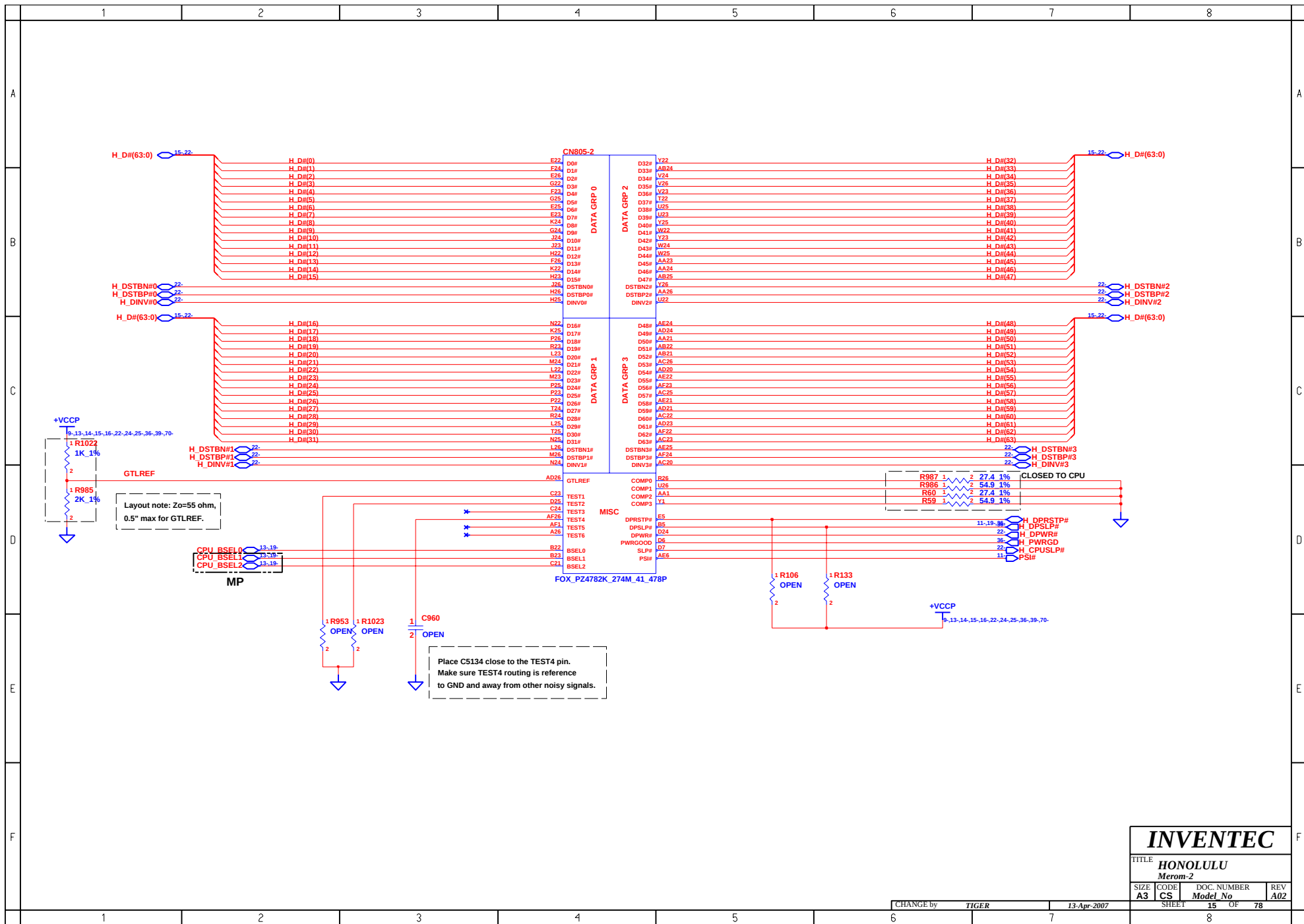










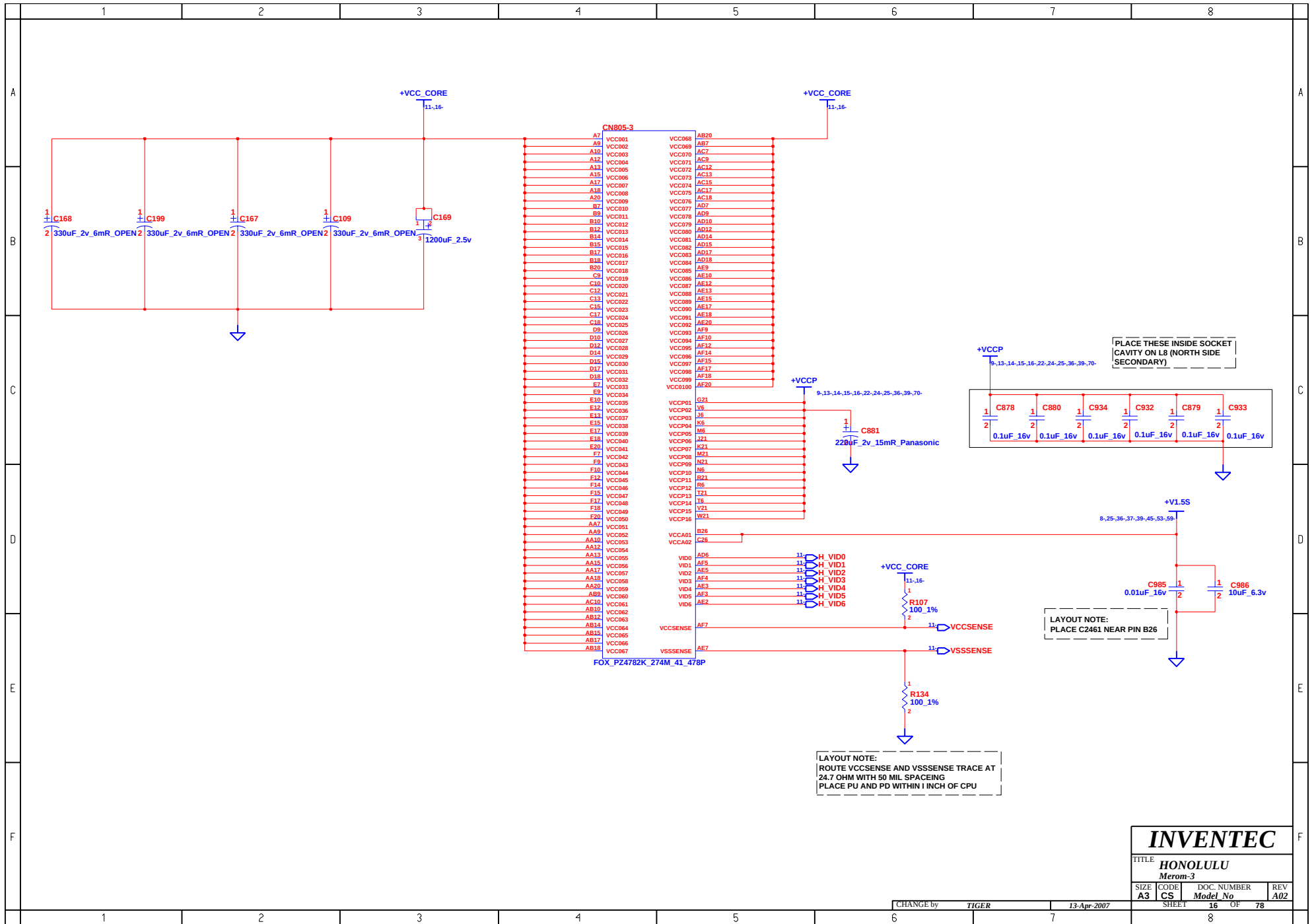


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TITLE			
HONOLULU			
Merom-2			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by TIGER 13-Apr-2007

SHEET 15 OF 78



INVENTEC

TITLE
HONOLULU
Merom-3

SIZE CODE
A3 CS

DOC. NUMBER
Model No

REV
A02

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

CN805-4

A4

VSS001

A8

VSS002

A11

VSS003

A14

VSS004

A16

VSS005

A19

VSS006

A23

VSS007

AE2

VSS008

B6

VSS009

B8

VSS010

B11

VSS011

B13

VSS012

B16

VSS013

B19

VSS014

B21

VSS015

B24

VSS016

C5

VSS017

C8

VSS018

C11

VSS019

C14

VSS020

C16

VSS021

C19

VSS022

C2

VSS023

C22

VSS024

C25

VSS025

D1

VSS026

D4

VSS027

D8

VSS028

D11

VSS029

D16

VSS030

D19

VSS031

D21

VSS032

D26

VSS033

E3

VSS034

E6

VSS035

E8

VSS036

E11

VSS037

E14

VSS038

E16

VSS039

E19

VSS040

F21

VSS041

F24

VSS042

F3

VSS043

F5

VSS044

F8

VSS045

F11

VSS046

F13

VSS047

F16

VSS048

F2

VSS049

F22

VSS050

F25

VSS051

G4

VSS052

G1

VSS053

G23

VSS054

G26

VSS055

H2

VSS056

H6

VSS057

H21

VSS058

H24

VSS059

J2

VSS060

J5

VSS061

J22

VSS062

K3

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K4

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K23

VSS065

K26

VSS066

L3

VSS067

L6

VSS068

L21

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VSS070

M2

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M5

VSS072

M22

VSS073

M25

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N26

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VSS160

VSS161

VSS162

VSS163

P6

P21

P24

R2

R5

R22

R25

T1

T4

T23

T26

U3

U6

U21

U24

V2

V5

V22

V25

W1

W4

W23

W26

Y3

Y6

Y21

Y24

AA2

AA5

AA11

AA14

AA16

AA19

AA22

AA25

AB1

AB4

AB8

AB11

AB13

AB16

AB19

AB23

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AC3

AC6

AC8

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AC14

AC16

AC19

AC21

AC24

AD2

AD5

AD8

AD11

AD13

AD16

AD19

AD22

AD25

AE1

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AE23

AE26

A2

A5

A8

AF1

AF13

AF16

AF19

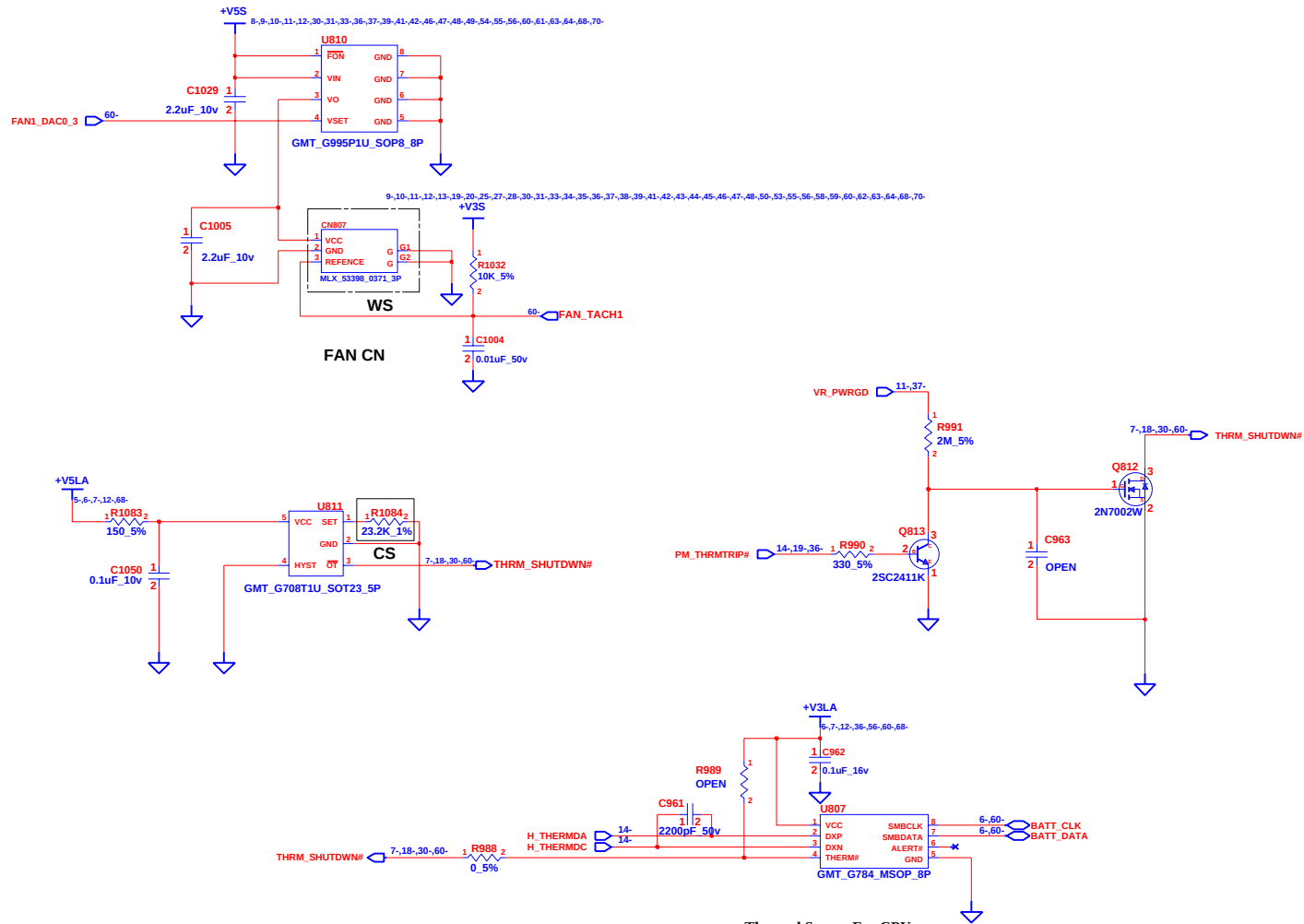
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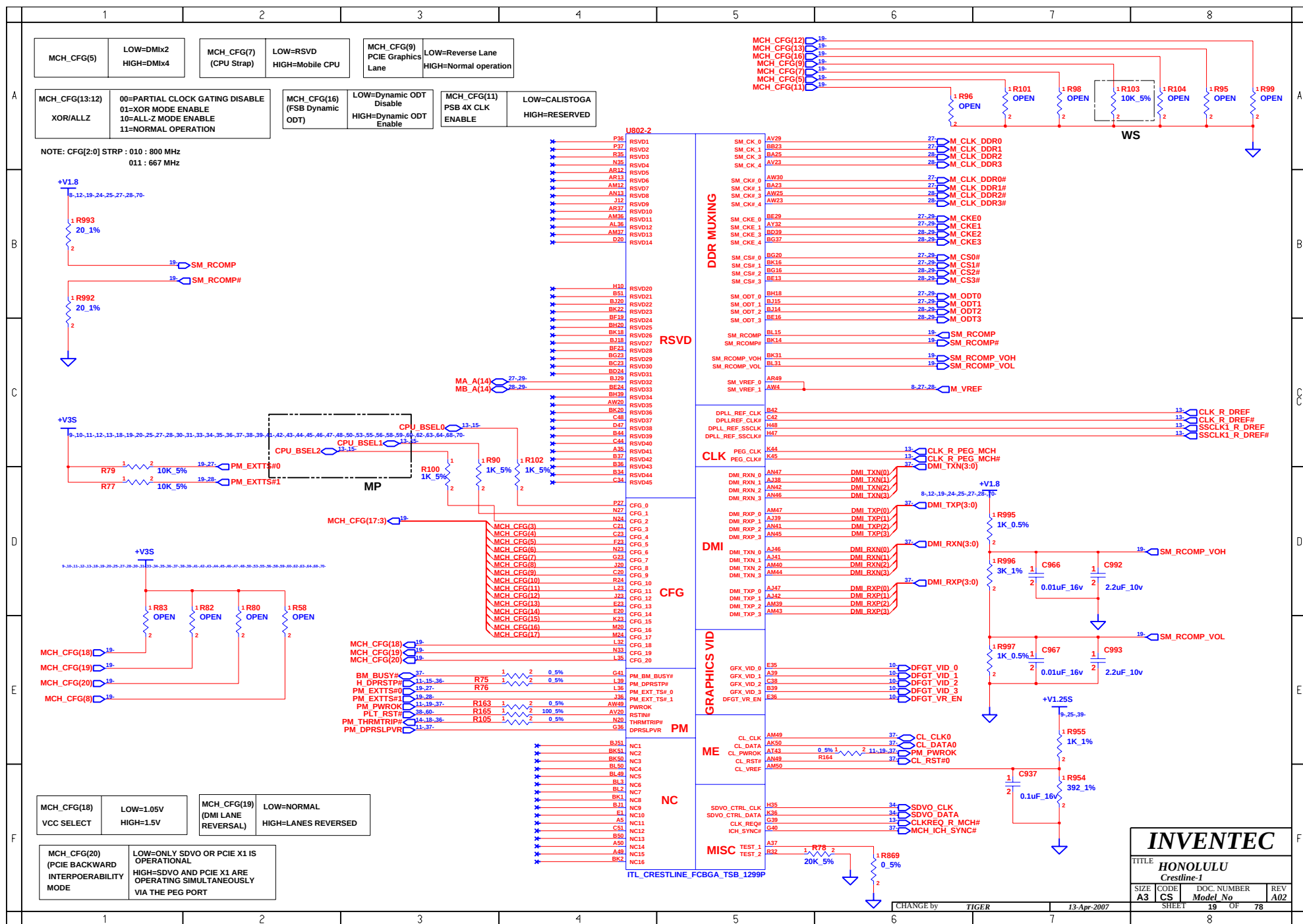
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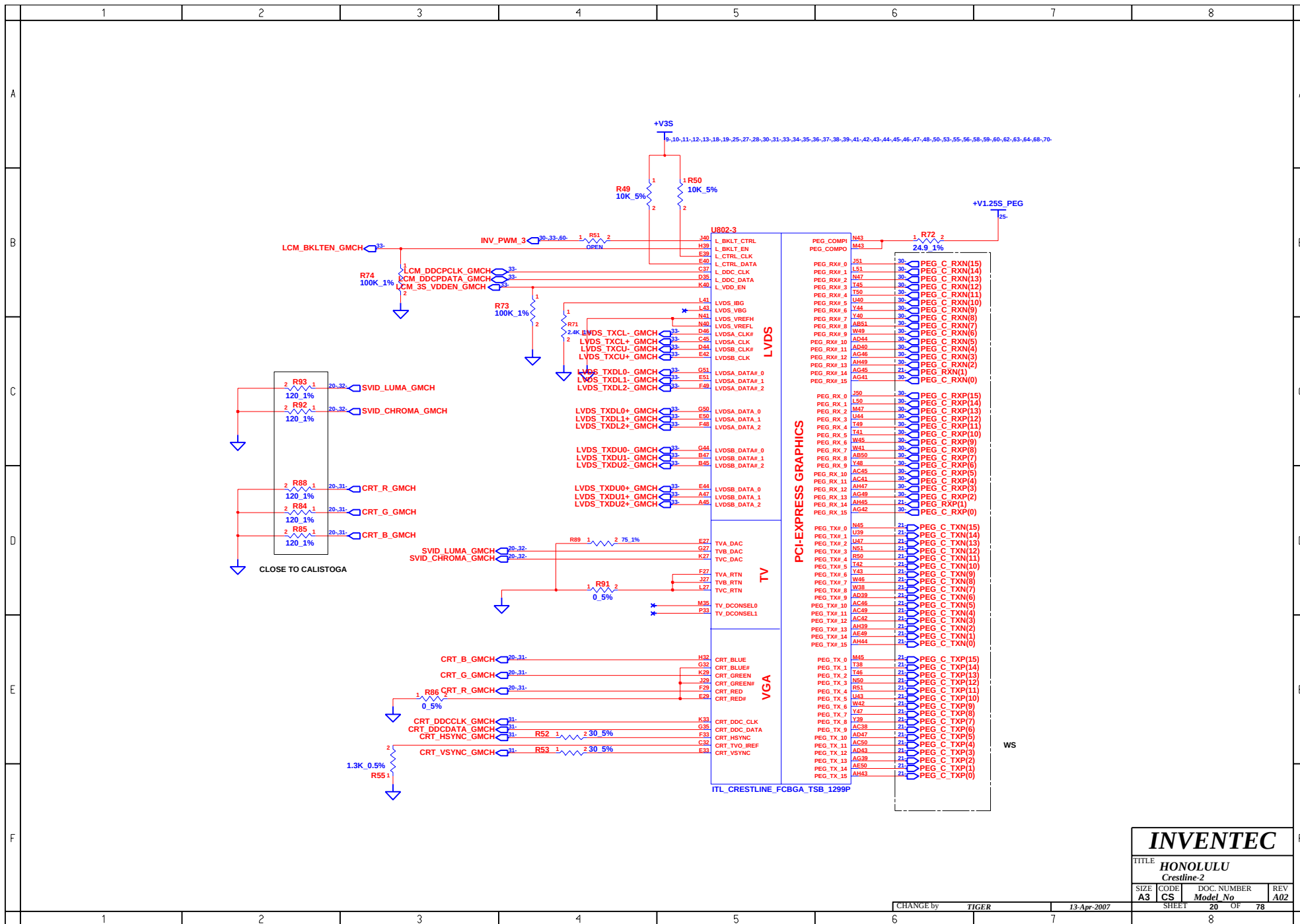
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TITLE HONOLULU			
Merom-4			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
CHANGE by TIGER		13-Apr-2007	SHEET 17 OF 78







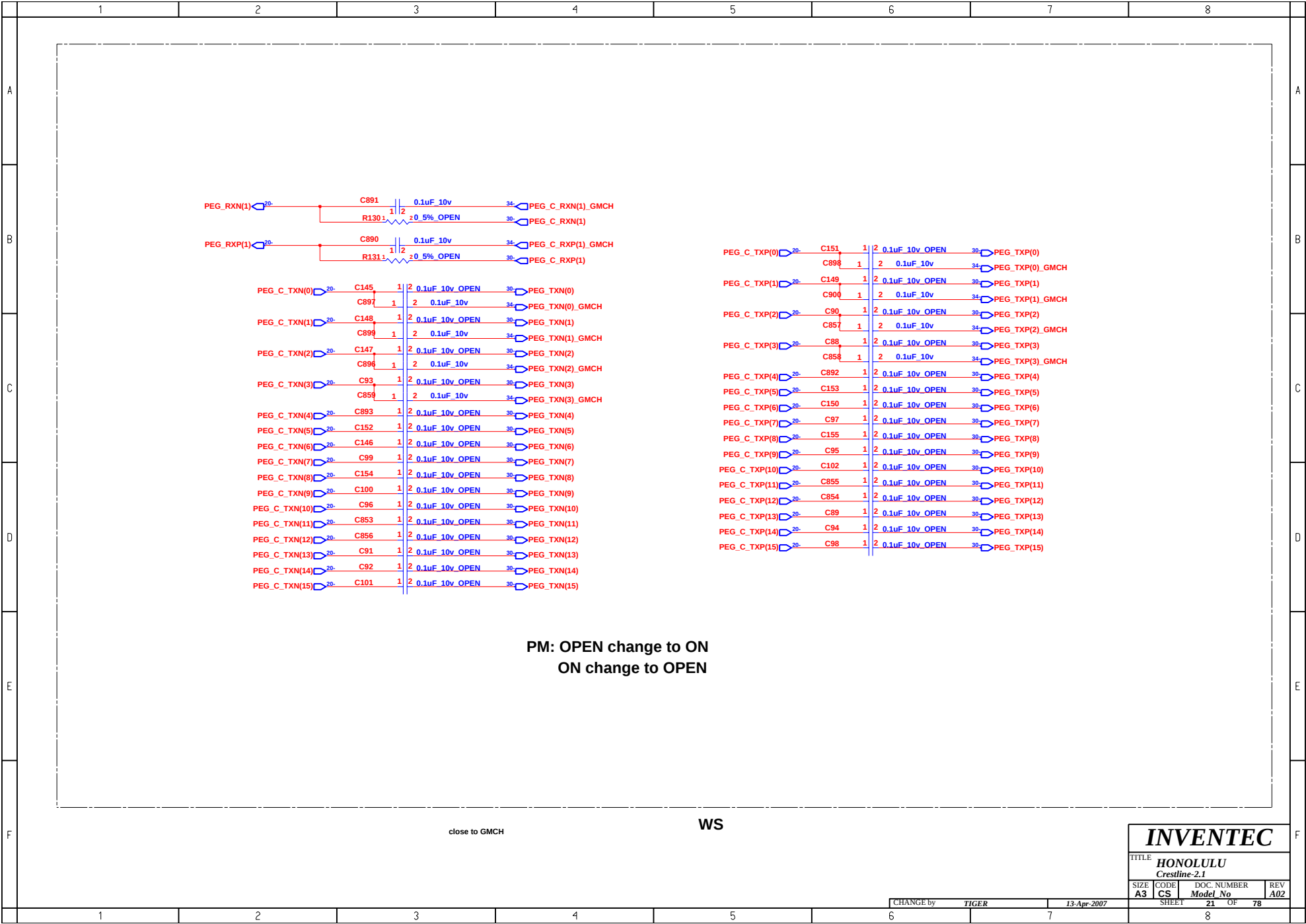
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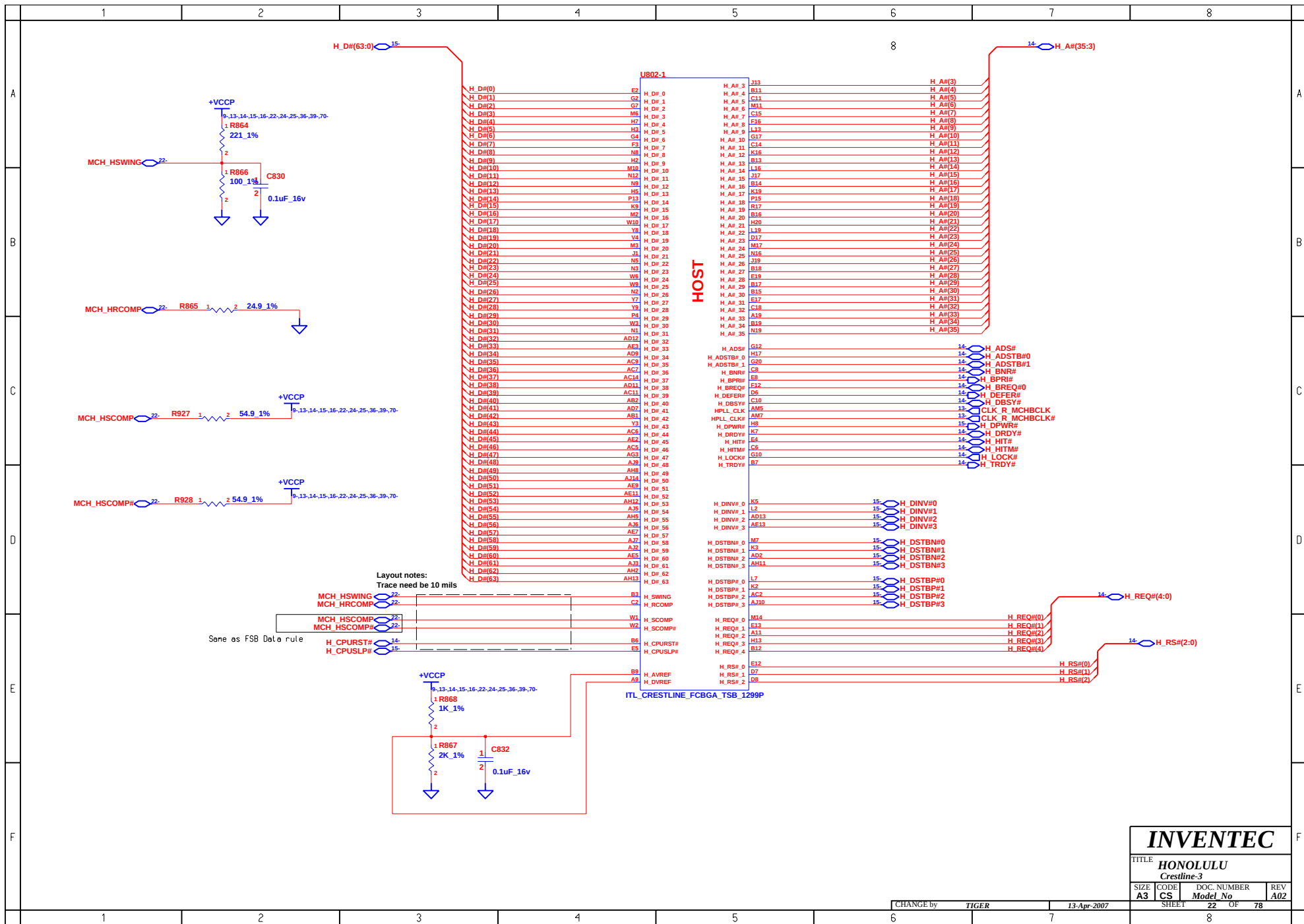
TITLE
HONOLULU
Crestline-2

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by TIGER 13-Apr-2007

SHEET 20 OF 78



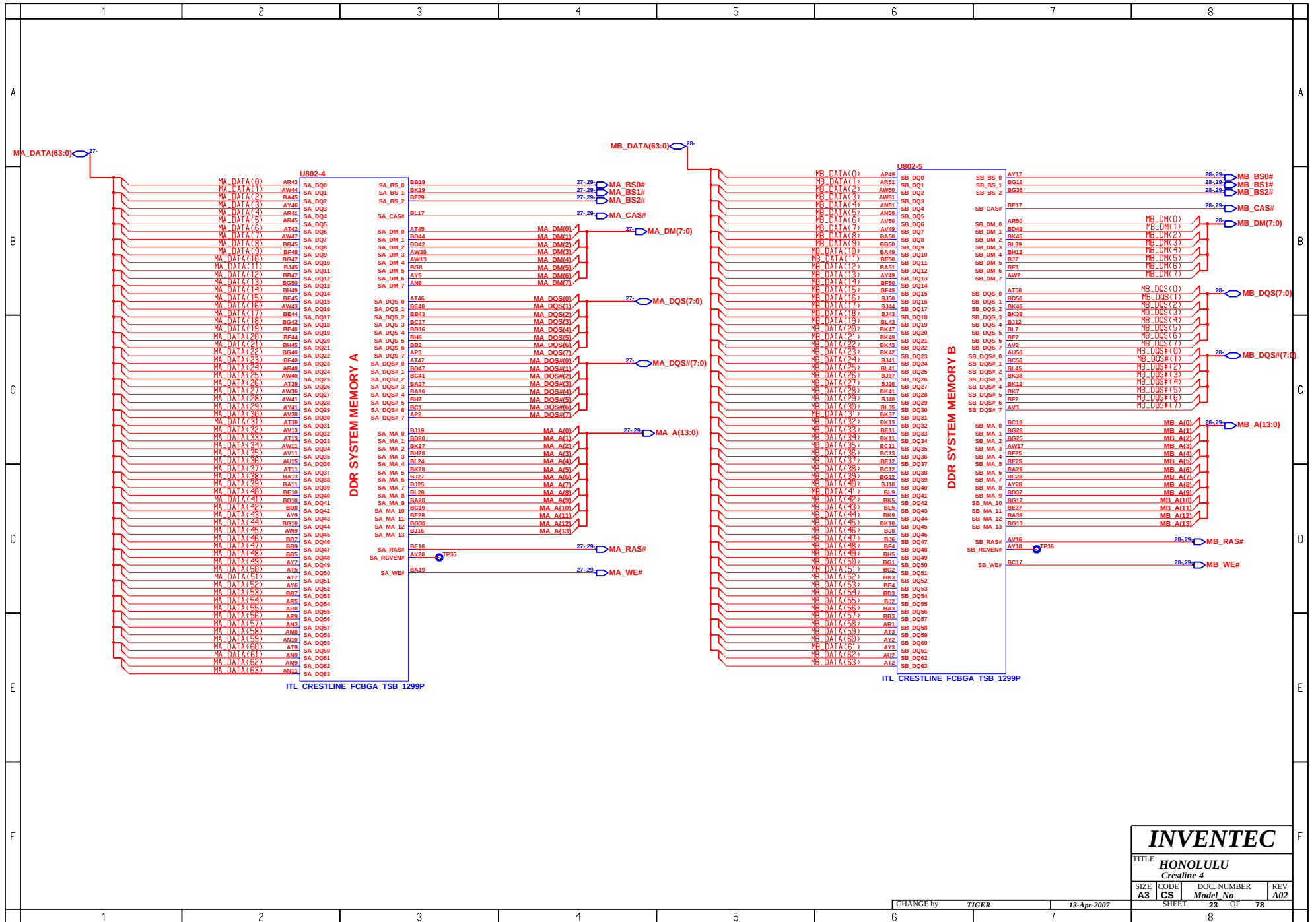


INVENTEC

TITLE HONOLULU
Crestline-3

SIZE	CODE	CS	DOC. NUMBER	REV
A3	CS	Model No	22	OF 78

SHEET 22 OF 78

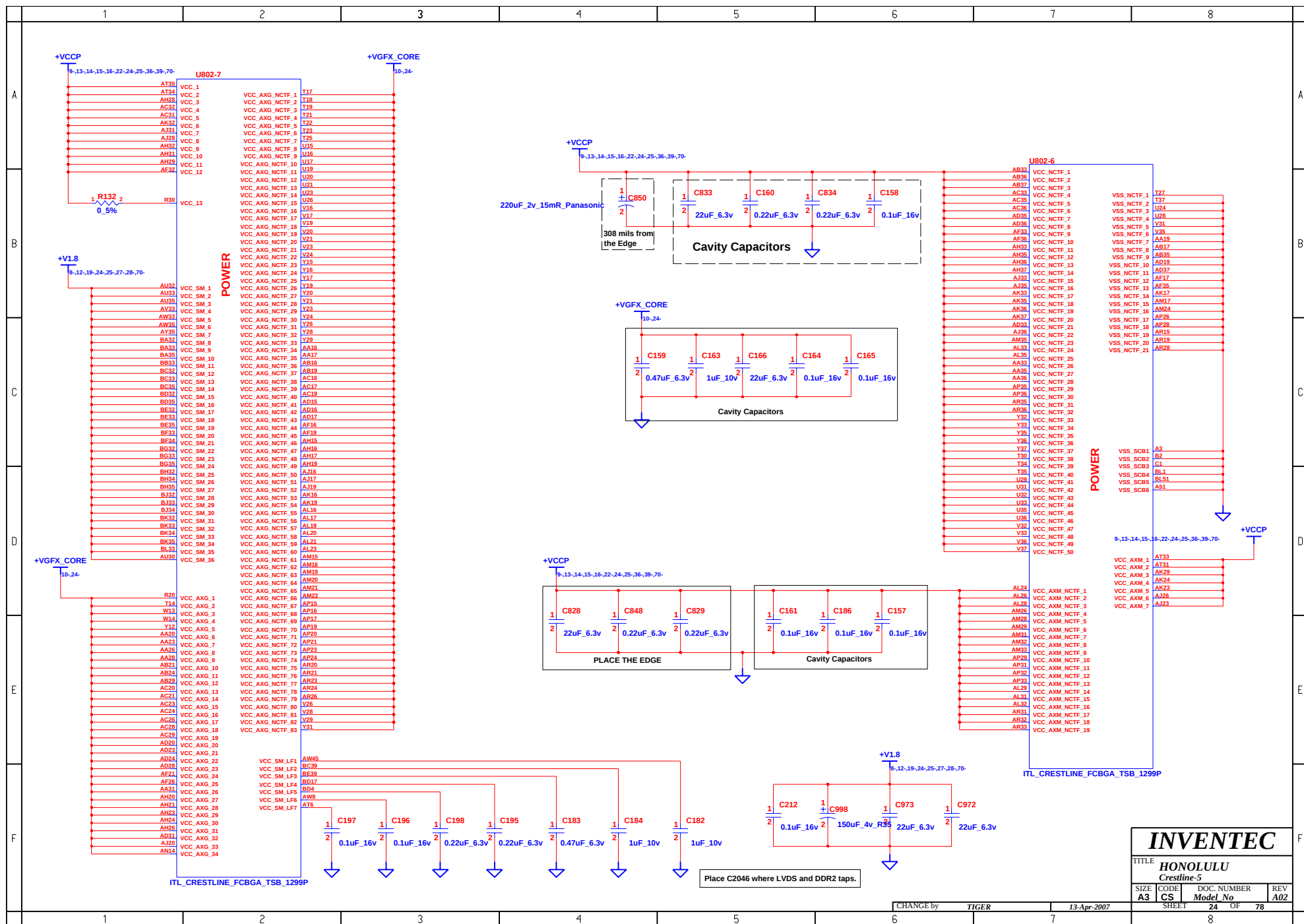


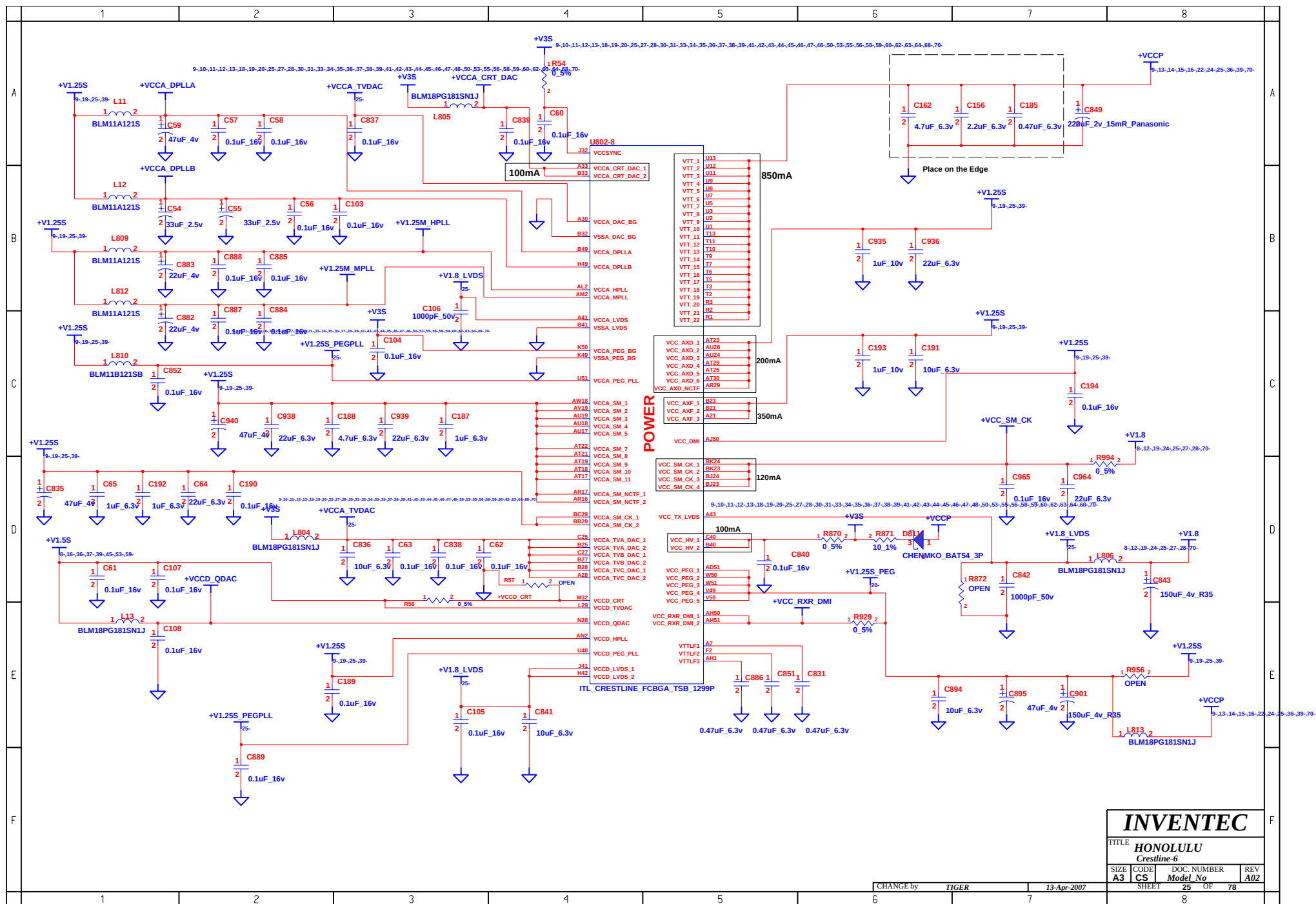
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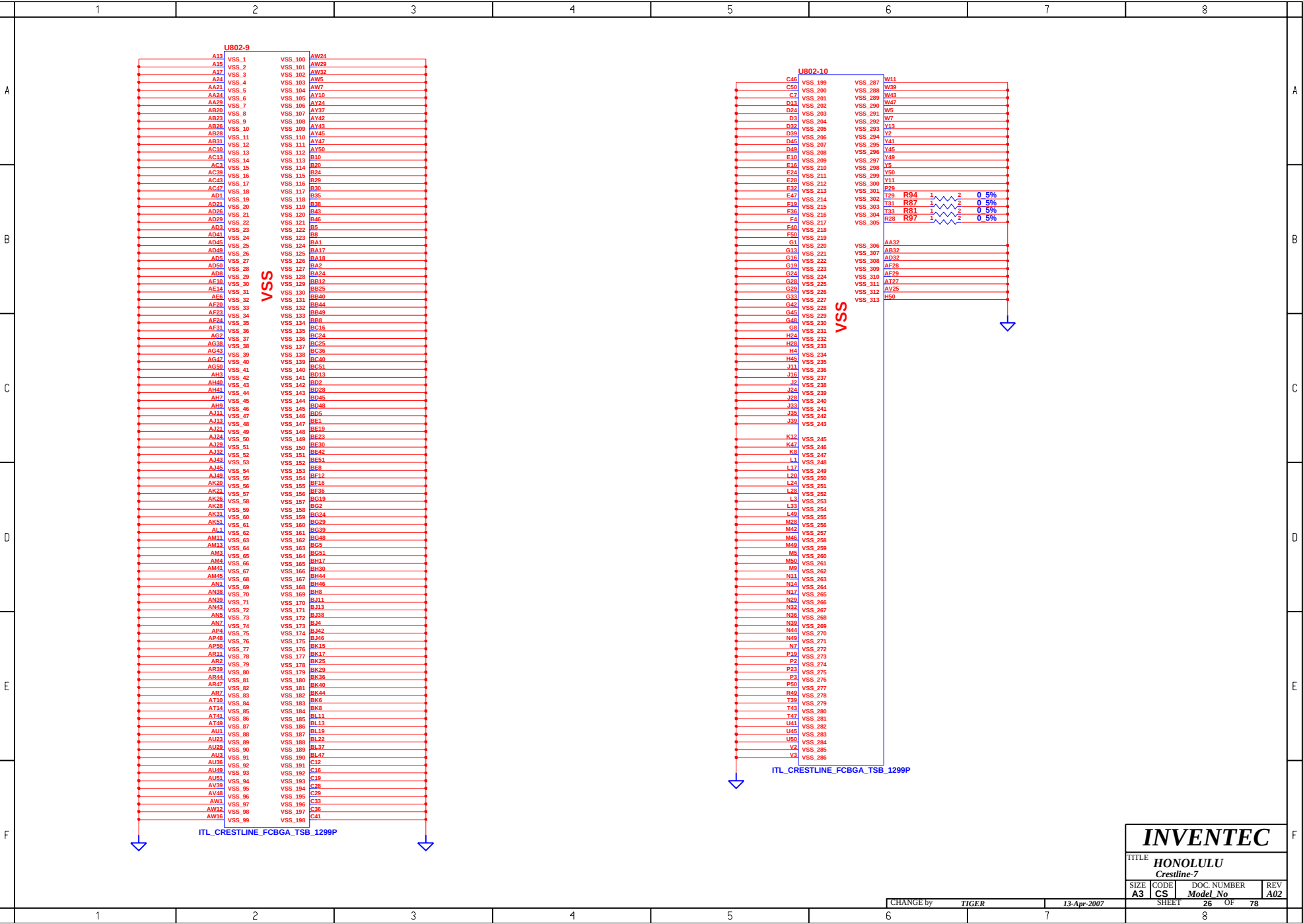
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HONOLULU			
Crestline-4			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by TIGER 13-Apr-2007

SHEET 23 OF 78





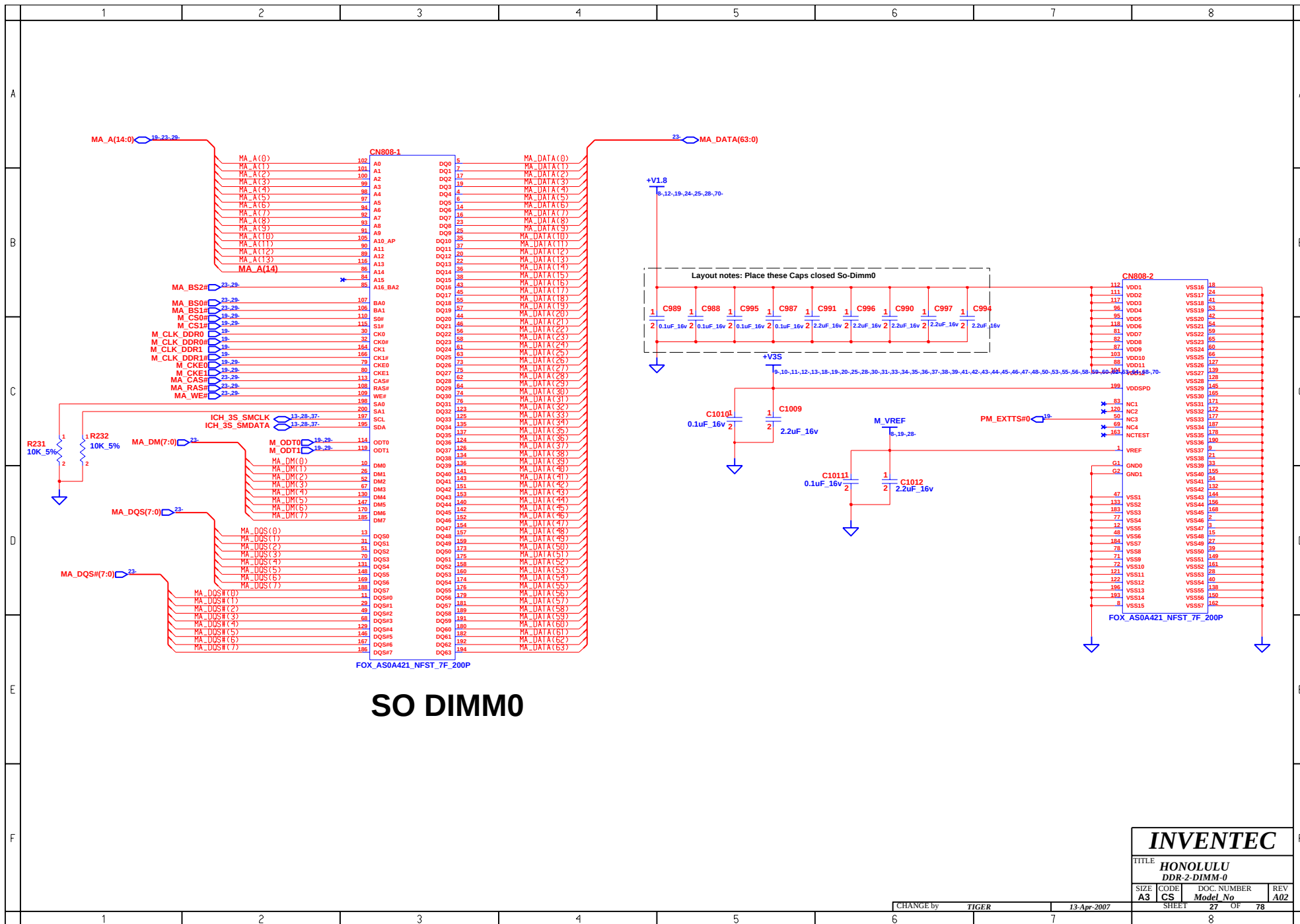


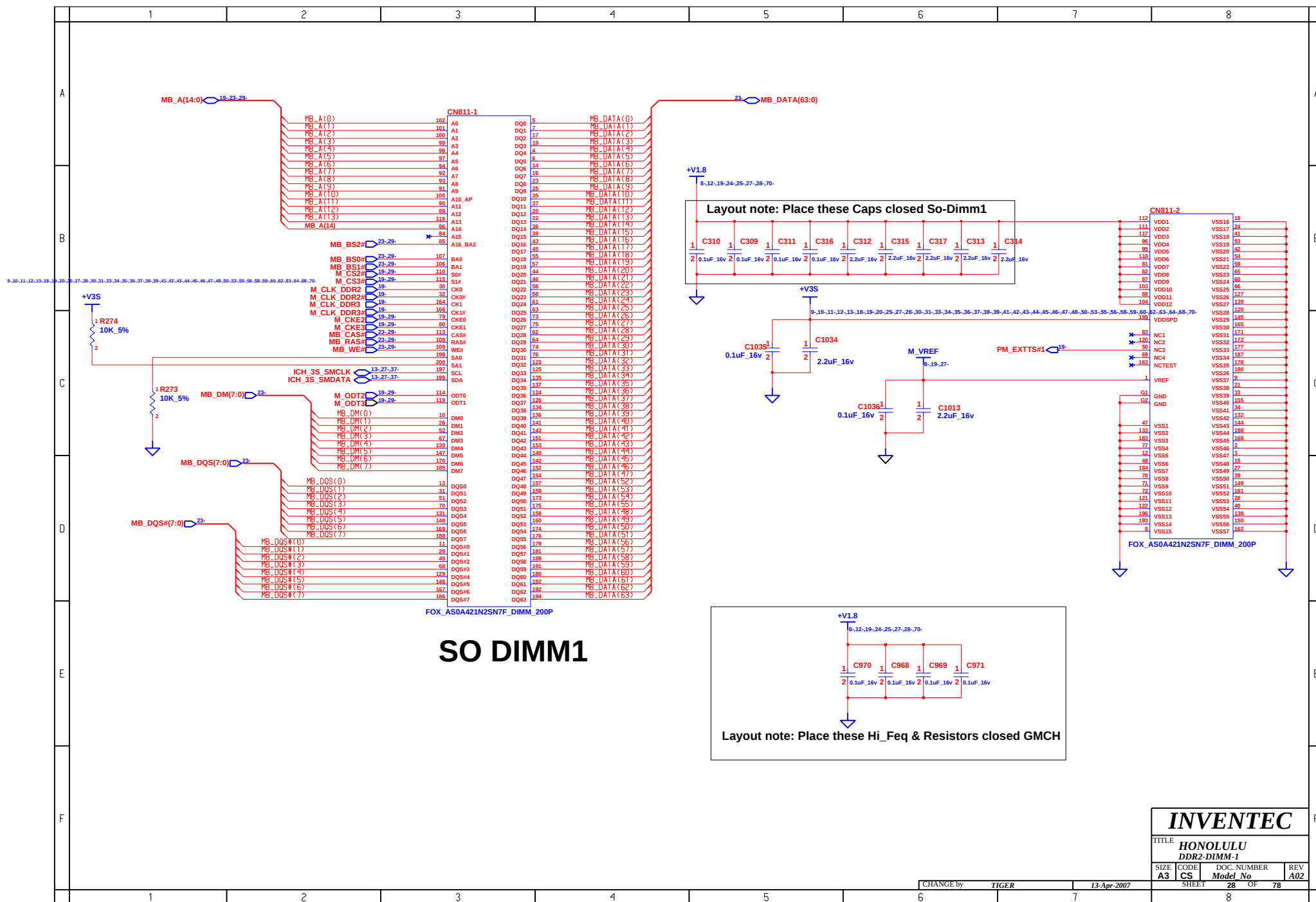
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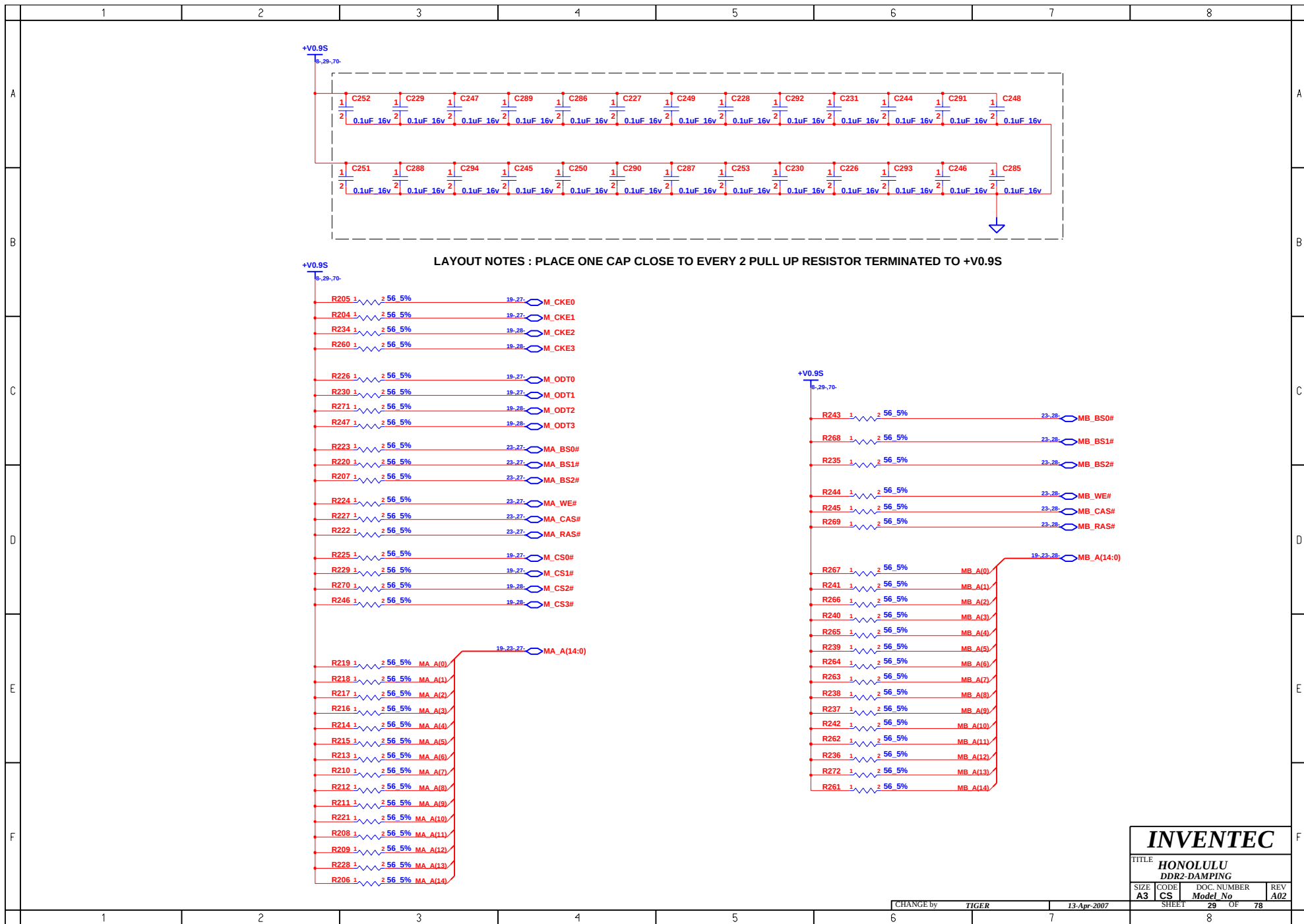
TITLE HONOLULU
Crestline-7

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by	TIGER	13-Apr-2007
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4	5	6
7	8	





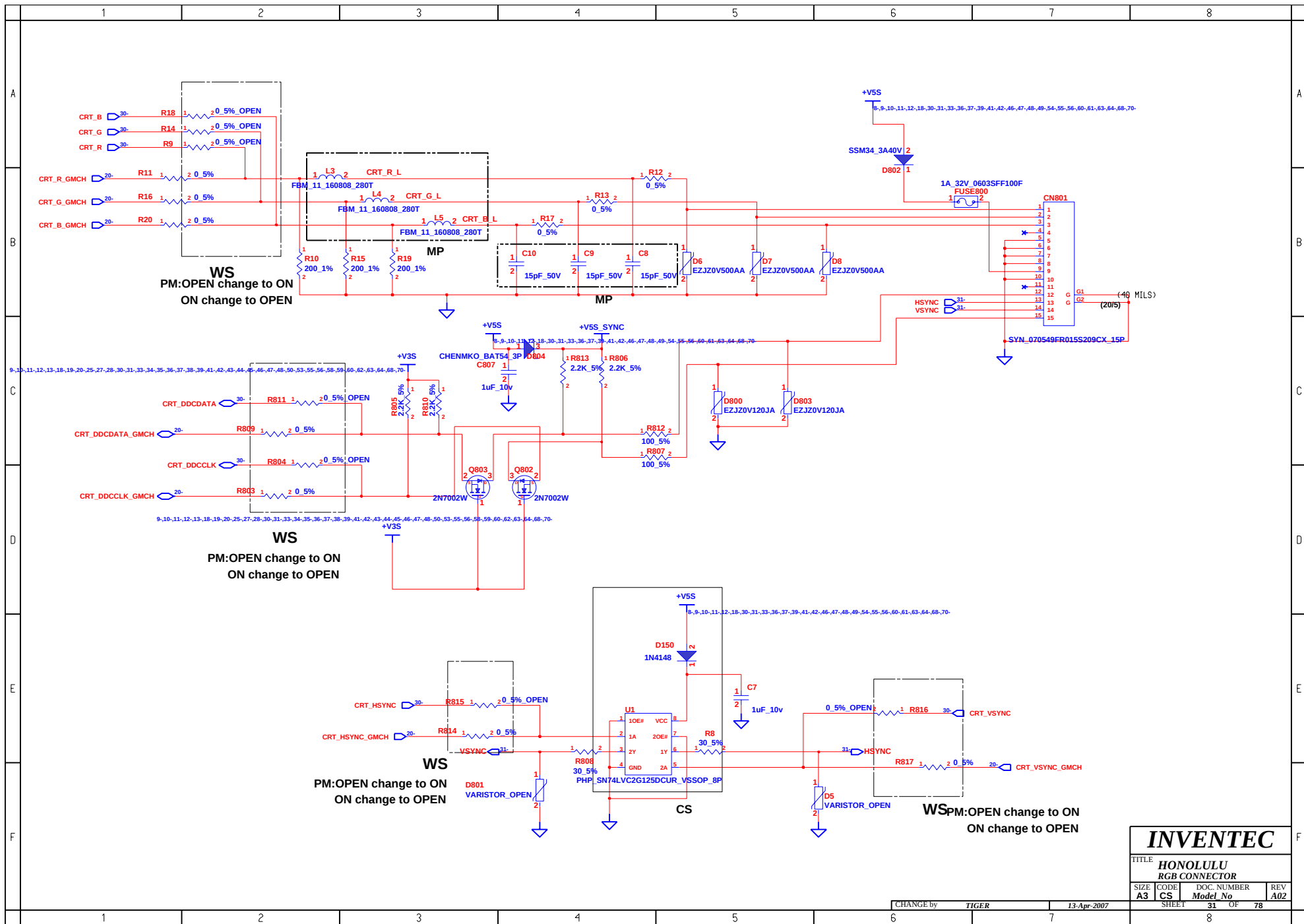


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TITLE			
HONOLULU			
DDR2-DAMPING			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by TIGER 13-Apr-2007

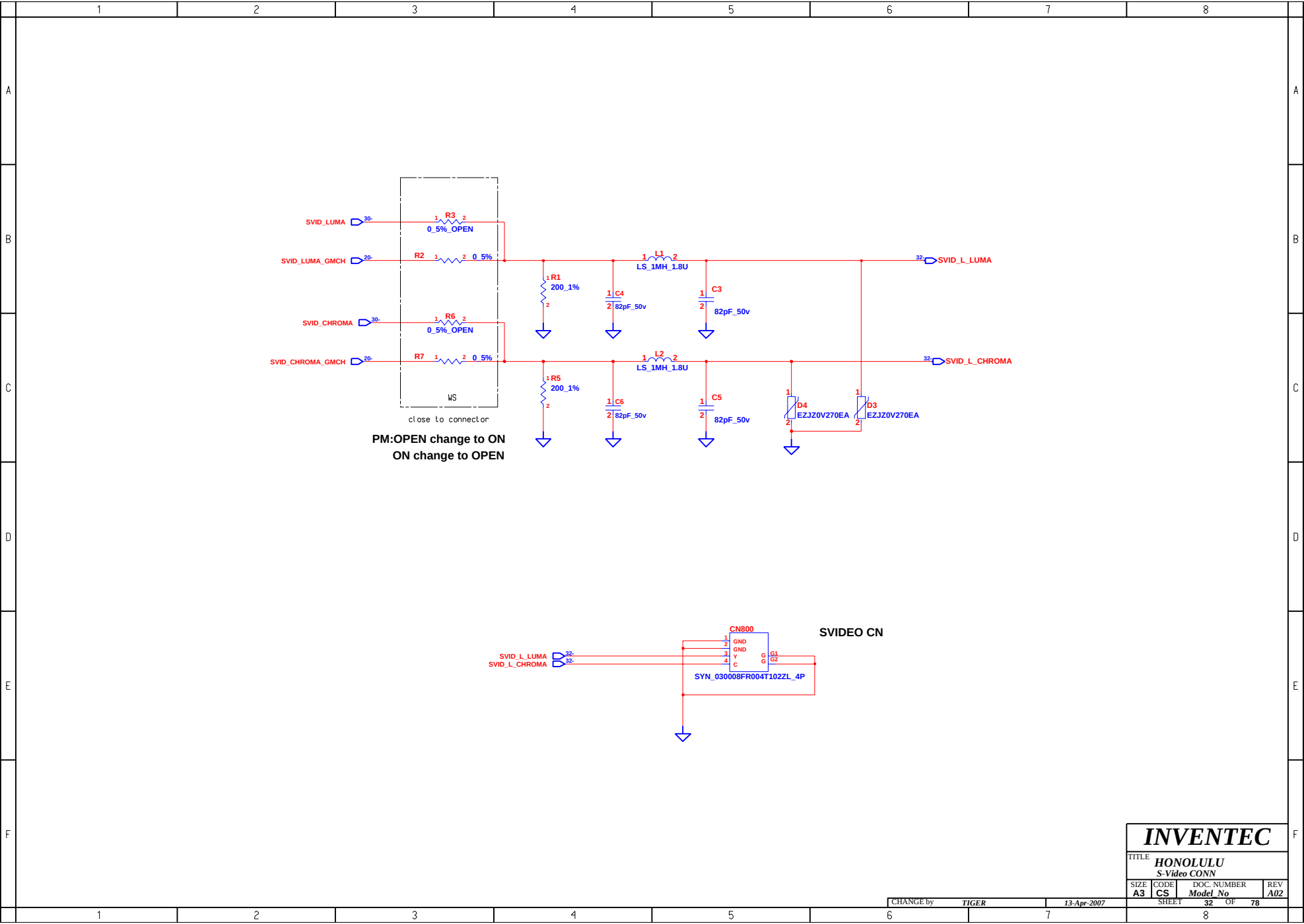
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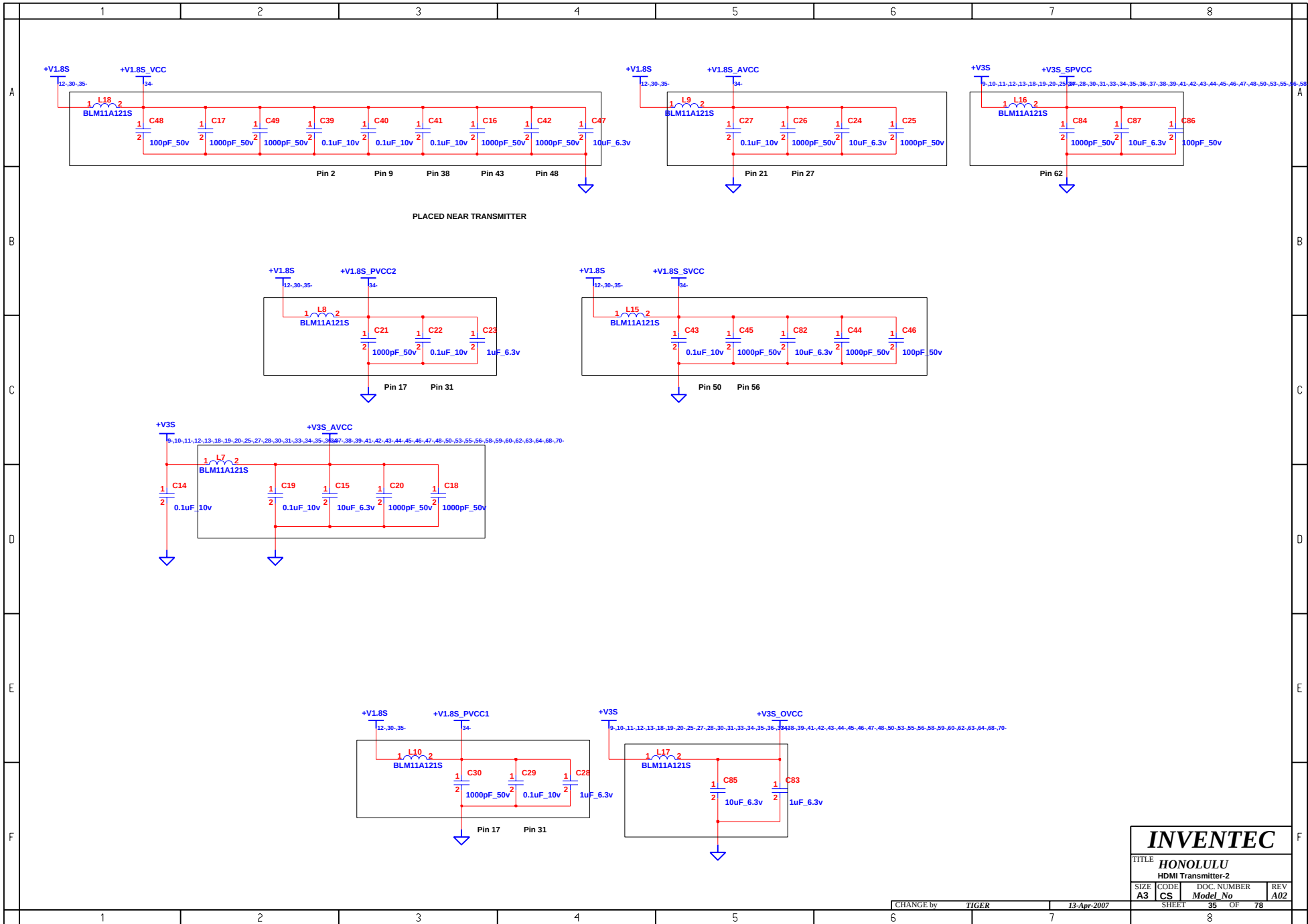


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TITLE HONOLULU RGB CONNECTOR			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02

SHEET 31 OF 78





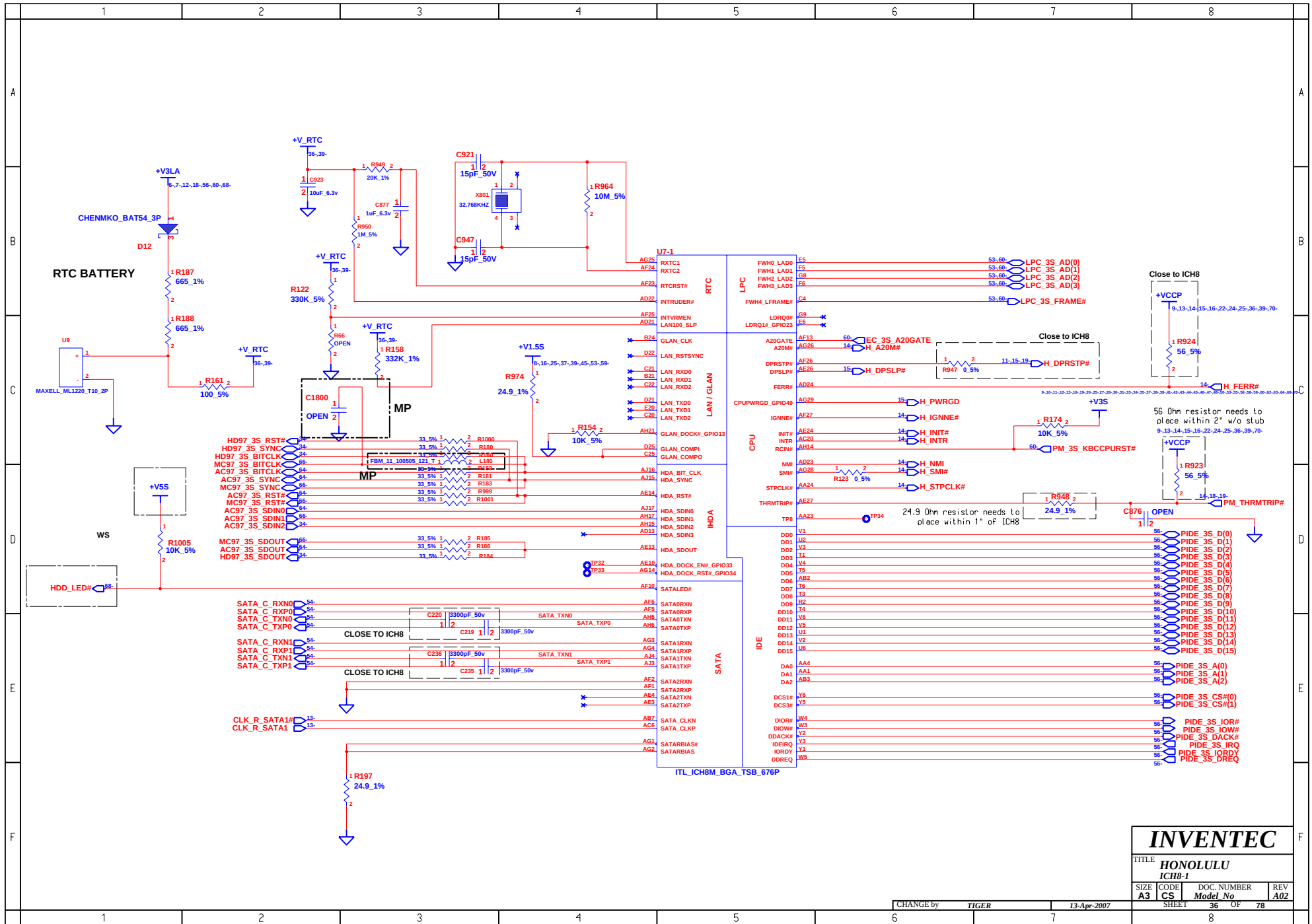
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TITLE **HONOLULU**
HDMI Transmitter-2

SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
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CHANGE by **TIGER** 13-Apr-2007

SHEET **35** Of **78**

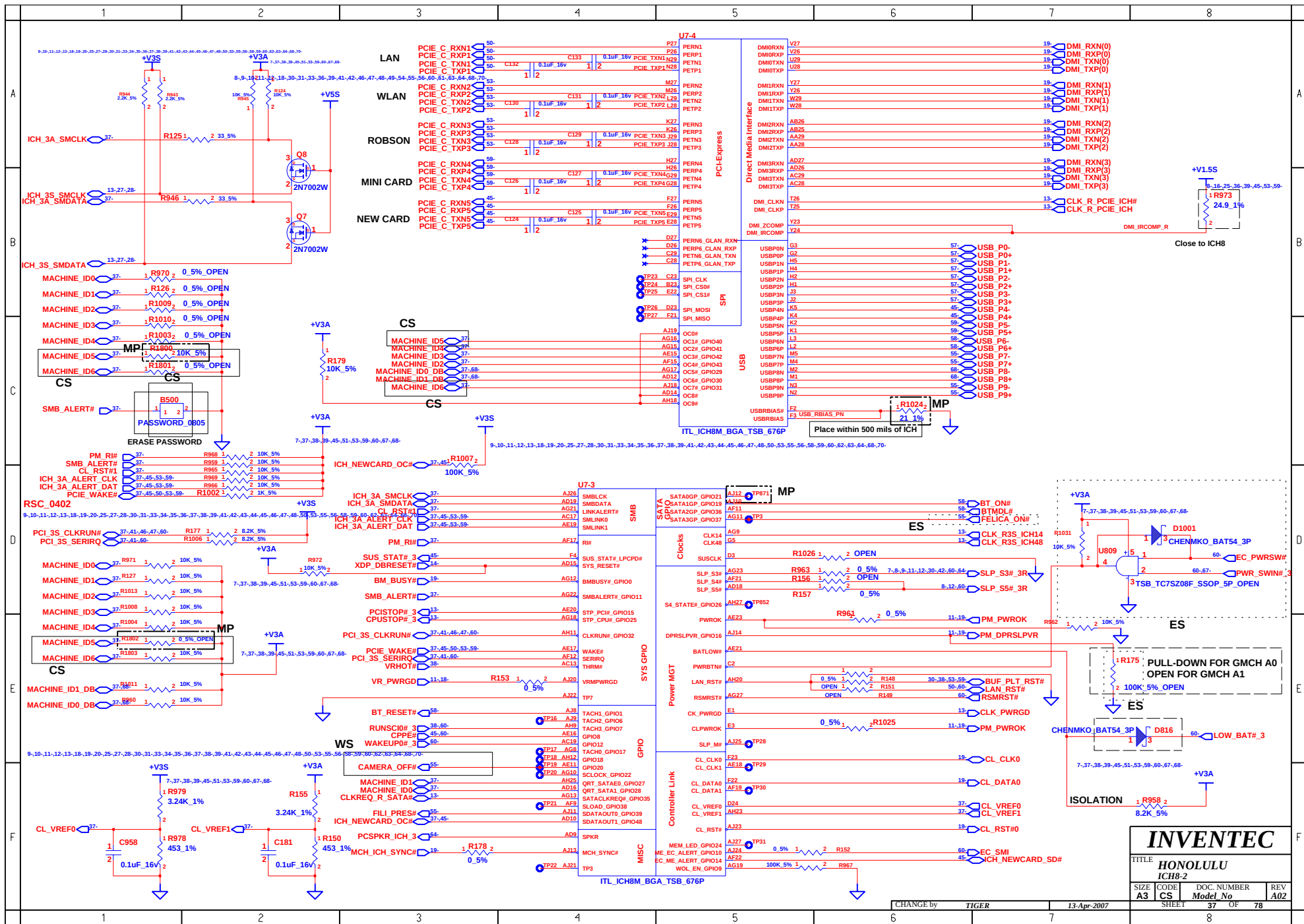


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TITLE HONOLULU ICH8-1			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02

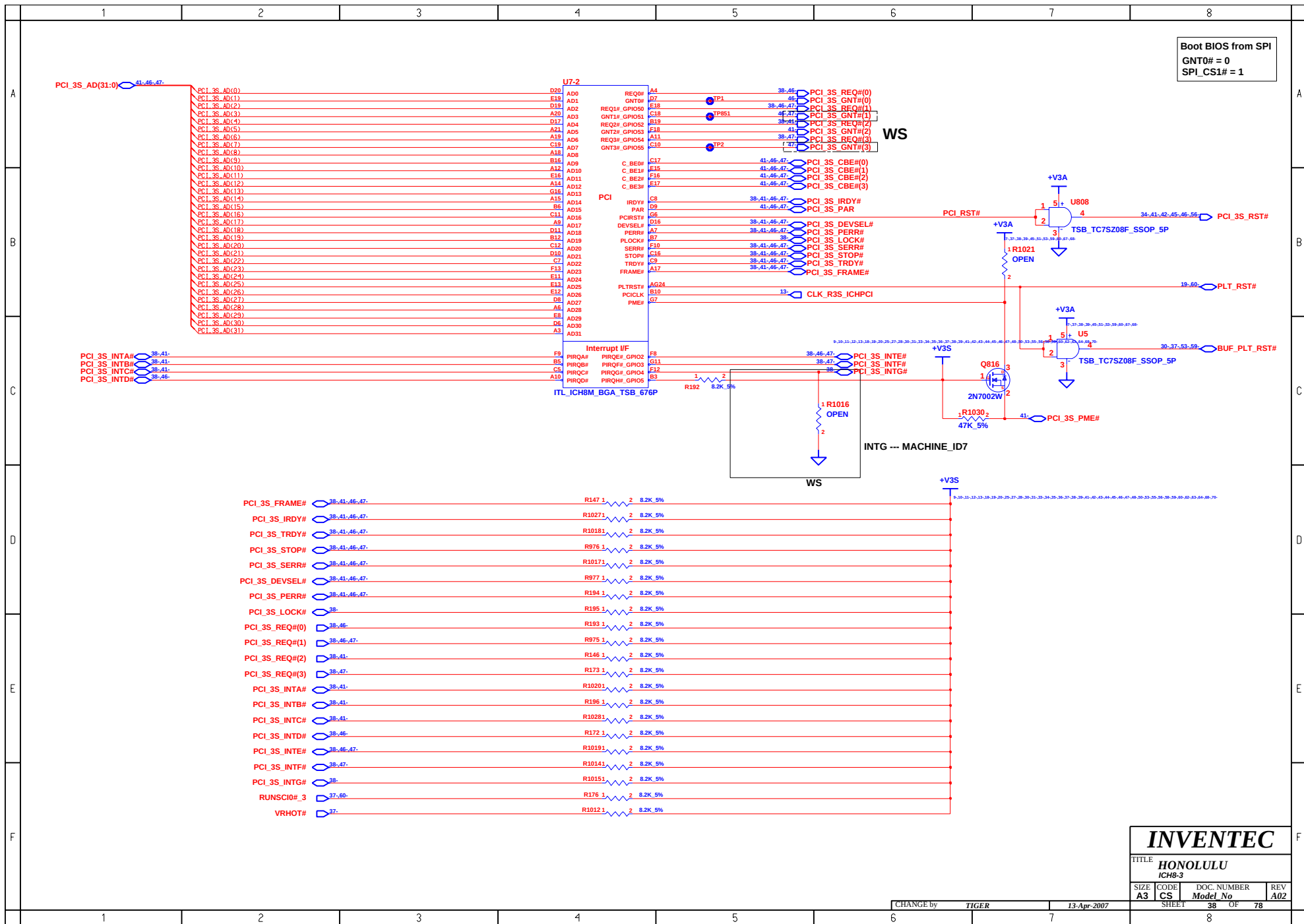
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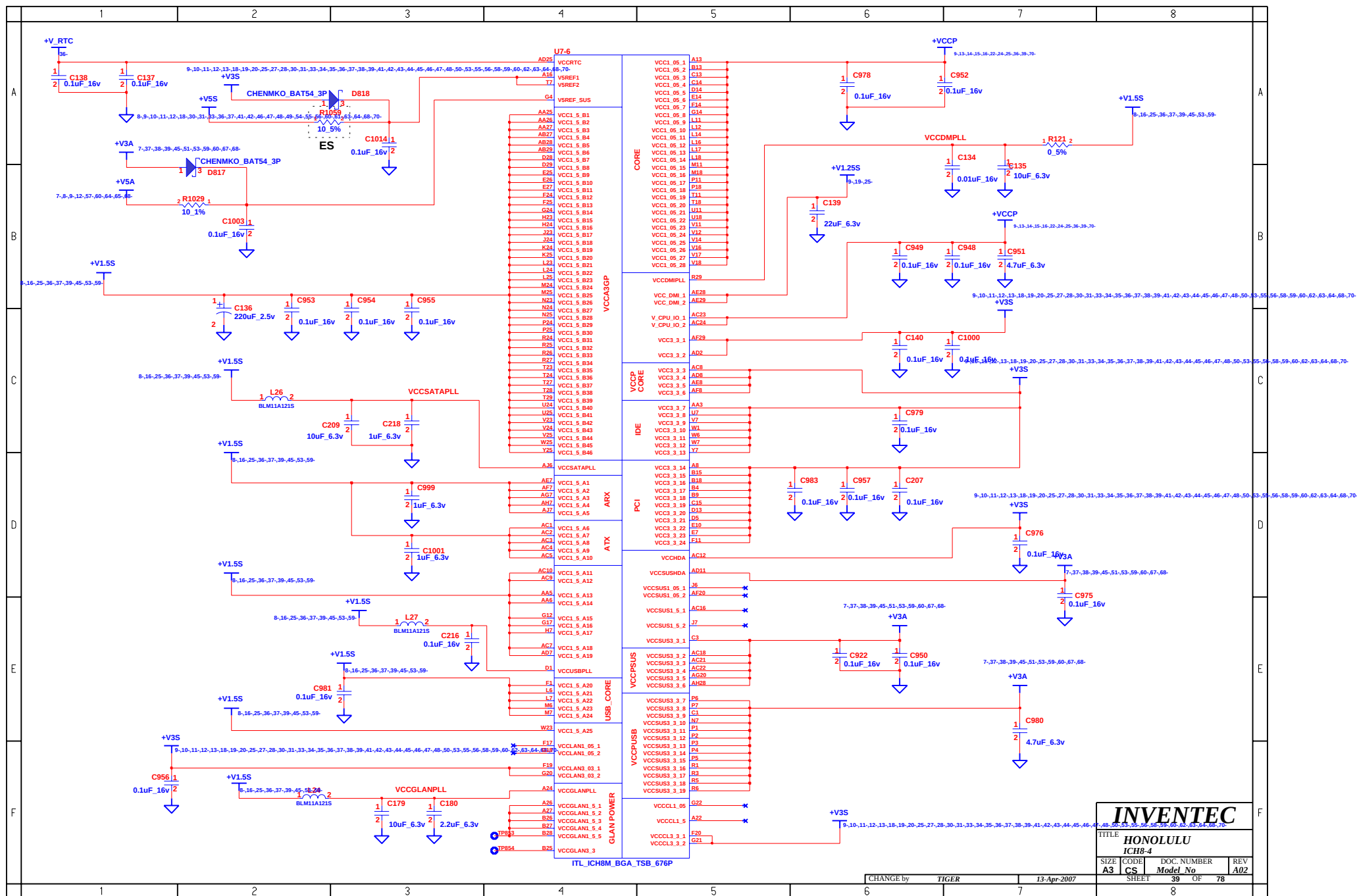
SHEET 36 OF 78



INVENTEC			
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SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET 37		OF 78	

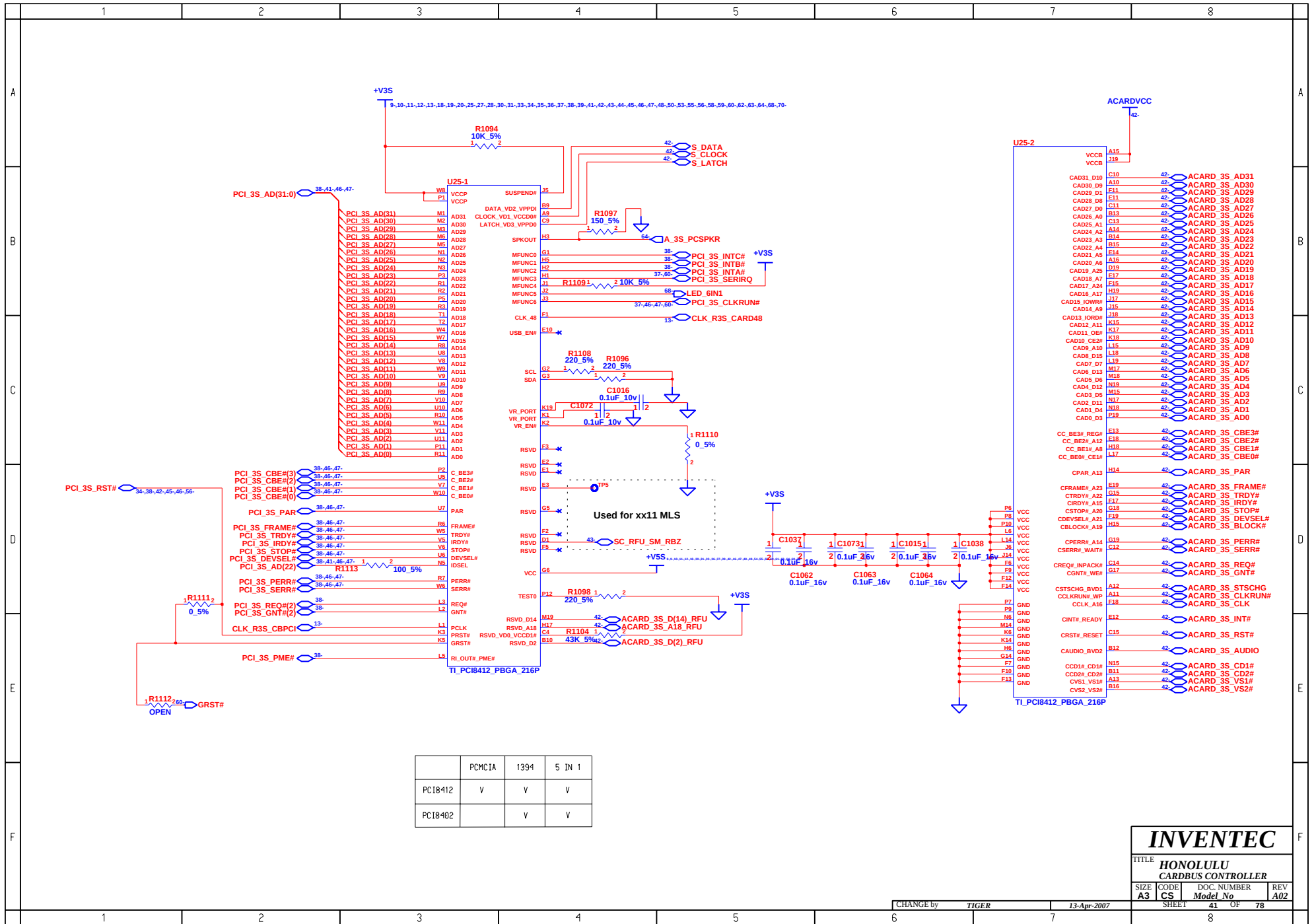
CHANGE by TIGER 13-Apr-2007





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

CHANGE by				TIGER		13-Apr-2007		SHEET 40 OF 78		
TITLE				HONOLULU						
SIZE				CODE		DOC. NUMBER		REV		
A3				CS		Model No		A02		



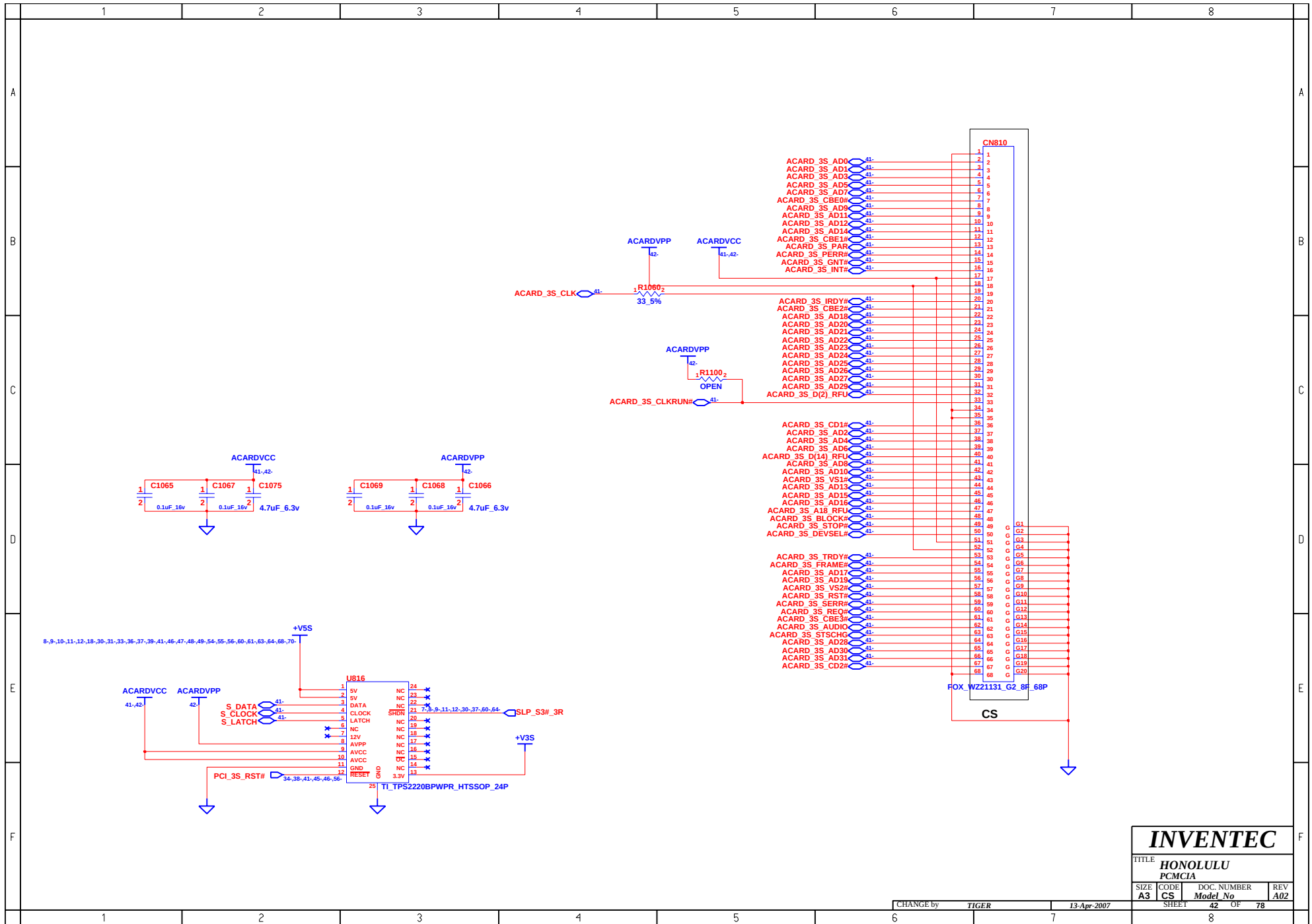
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PCI8412	V	V	V
PCI8402		V	V

INVENTEC

TITLE HONOLULU CARDBUS CONTROLLER			
SIZE A3	CODE CS	DOC. NUMBER Doc. No	REV A02

CHANGE by TIGER 13-Apr-2007

SHEET 41 OF 78

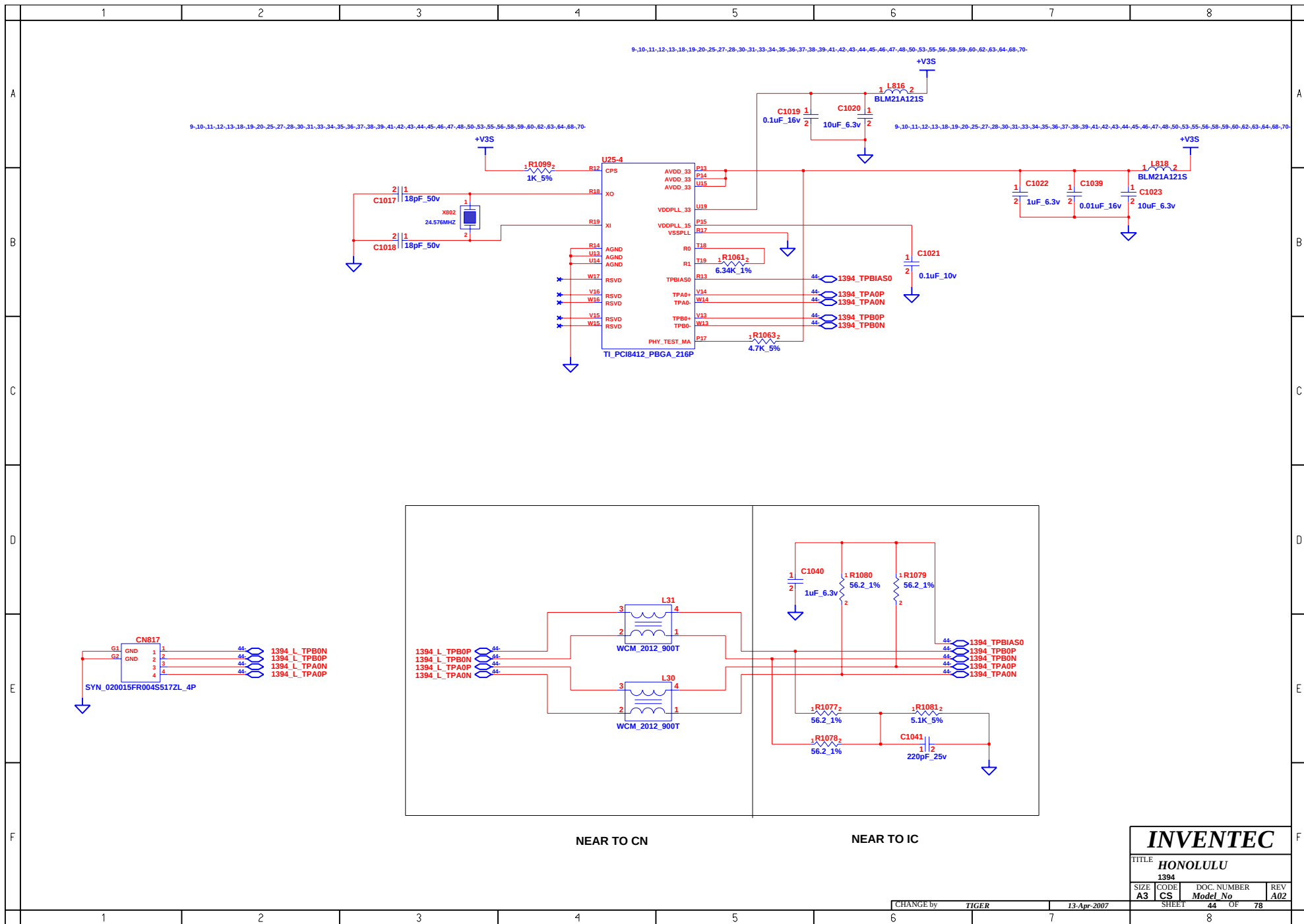


INVENTEC

TITLE HONOLULU PCMCIA			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02

CHANGE by TIGER 13-Apr-2007

SHEET 42 OF 78



INVENTEC

TITLE
HONOLULU

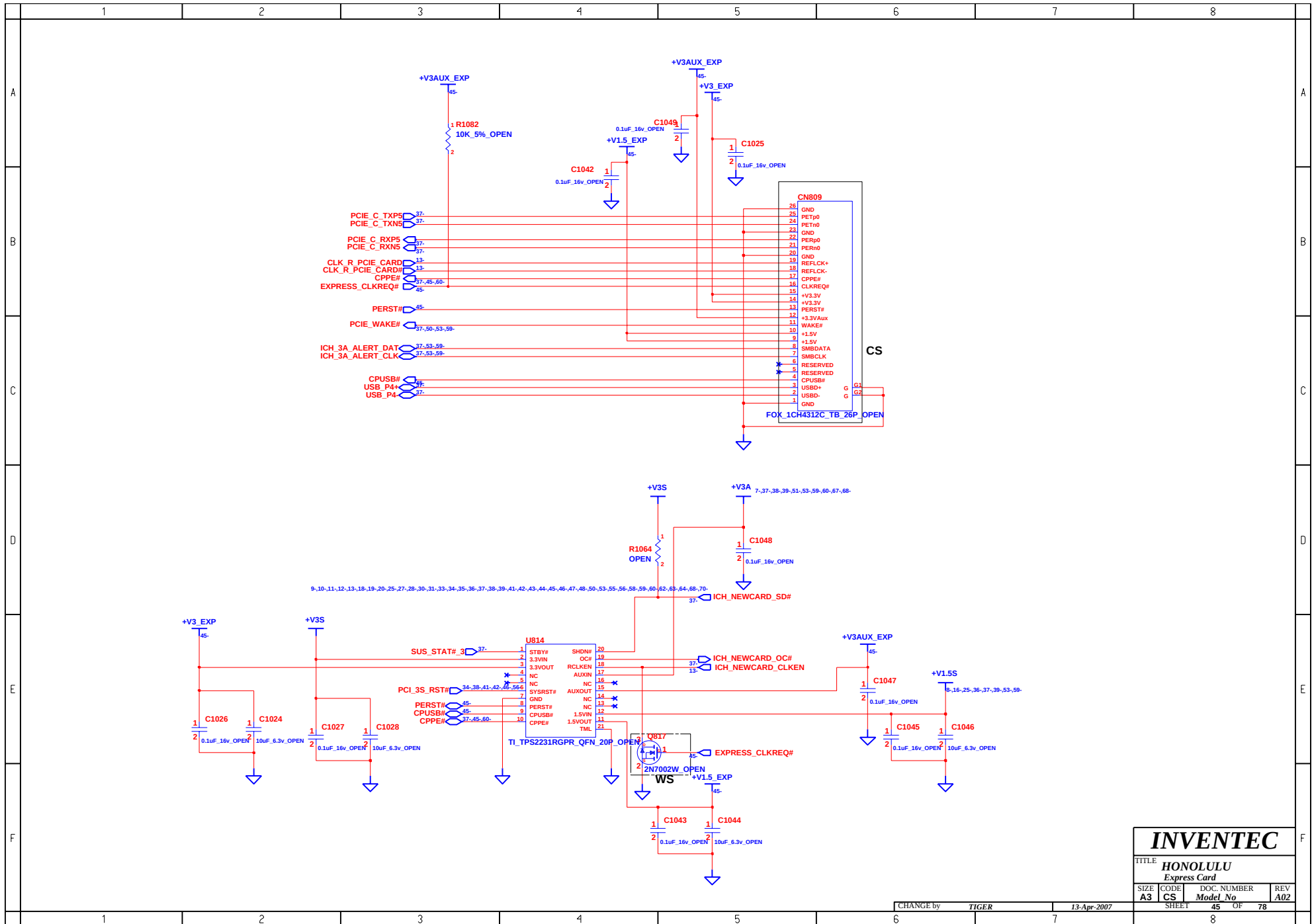
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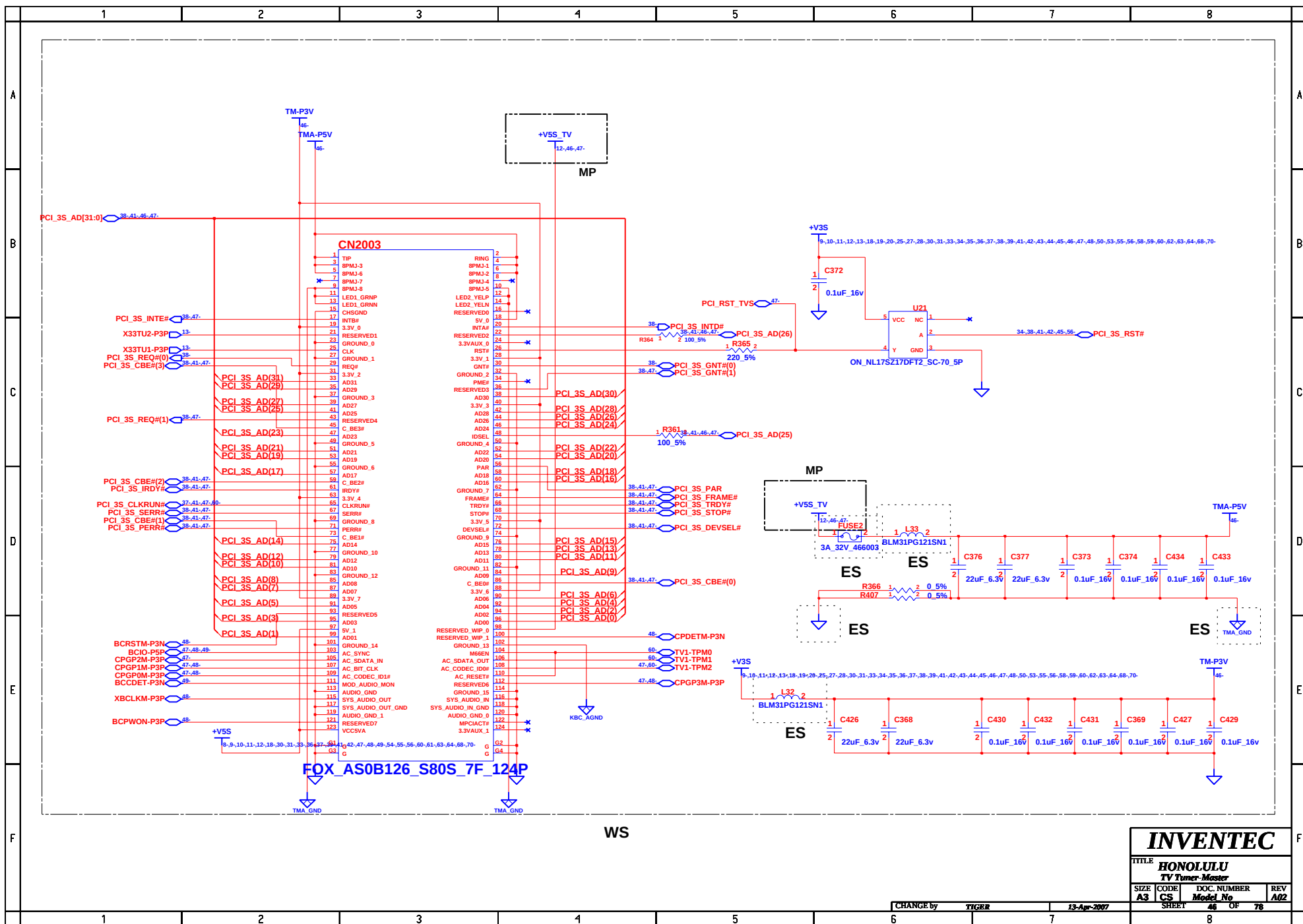
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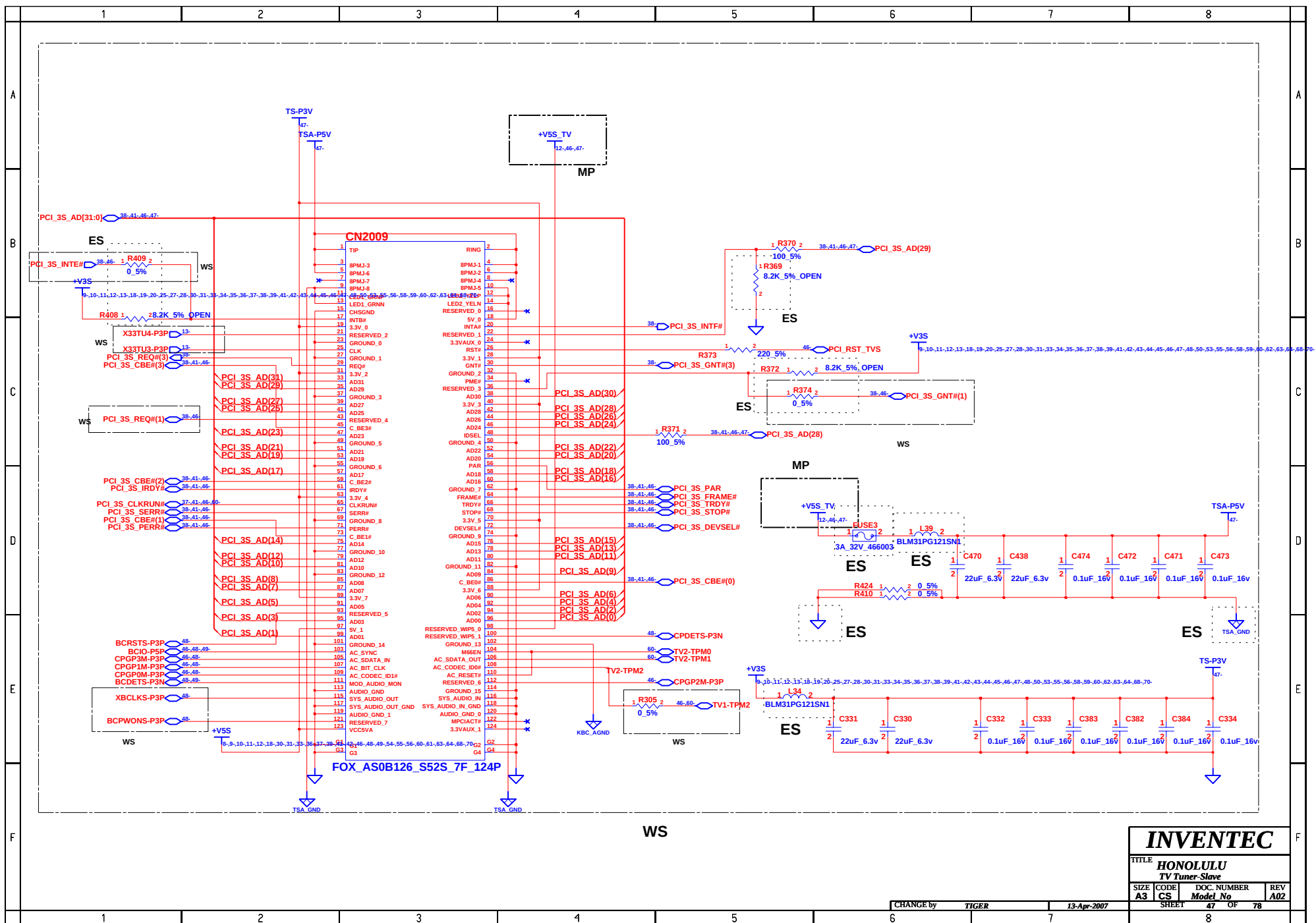
A3 CS Model No 44 OF 78 A02

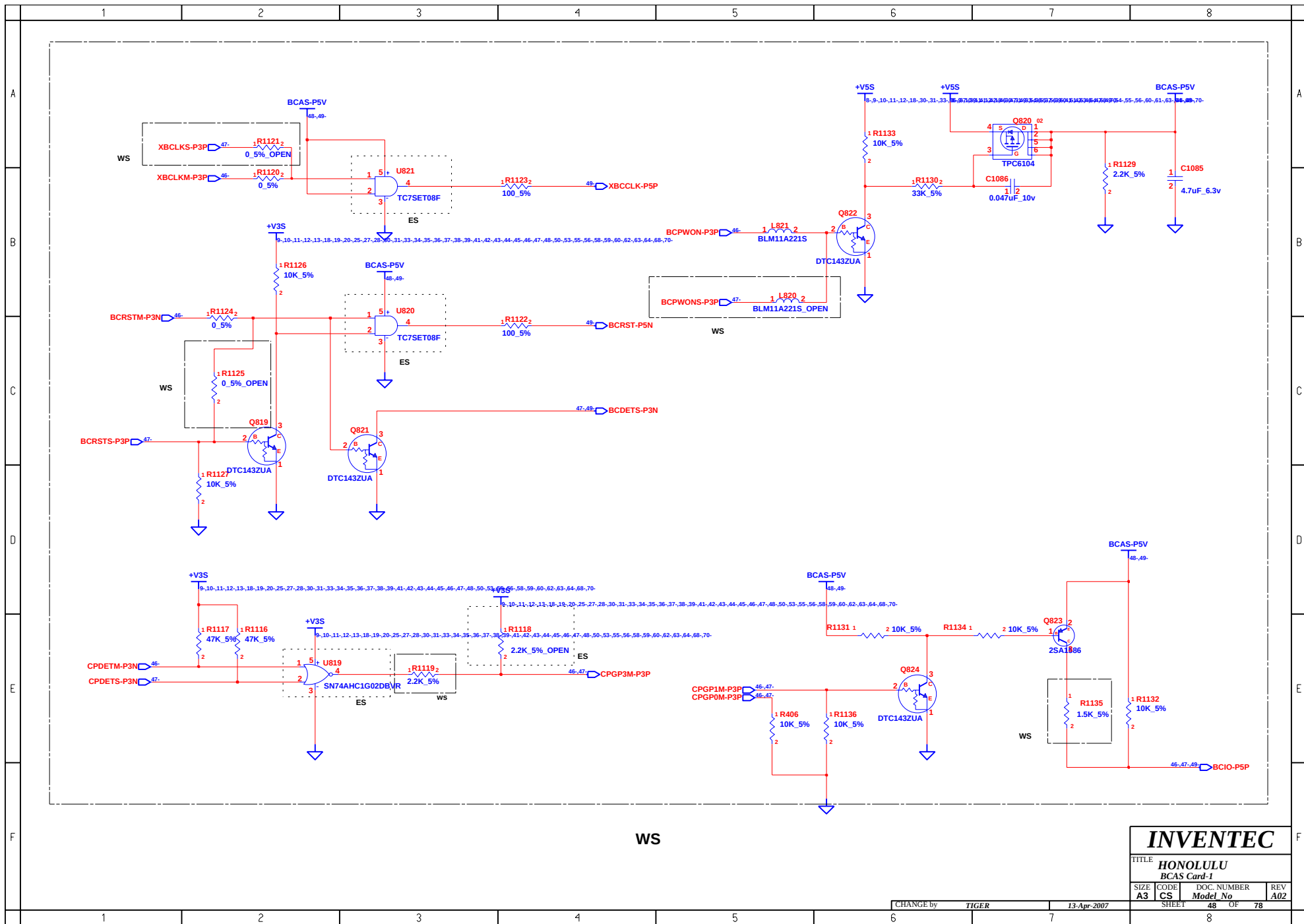
CHANGE by TIGER 13-Apr-2007

SHEET 44 OF 78









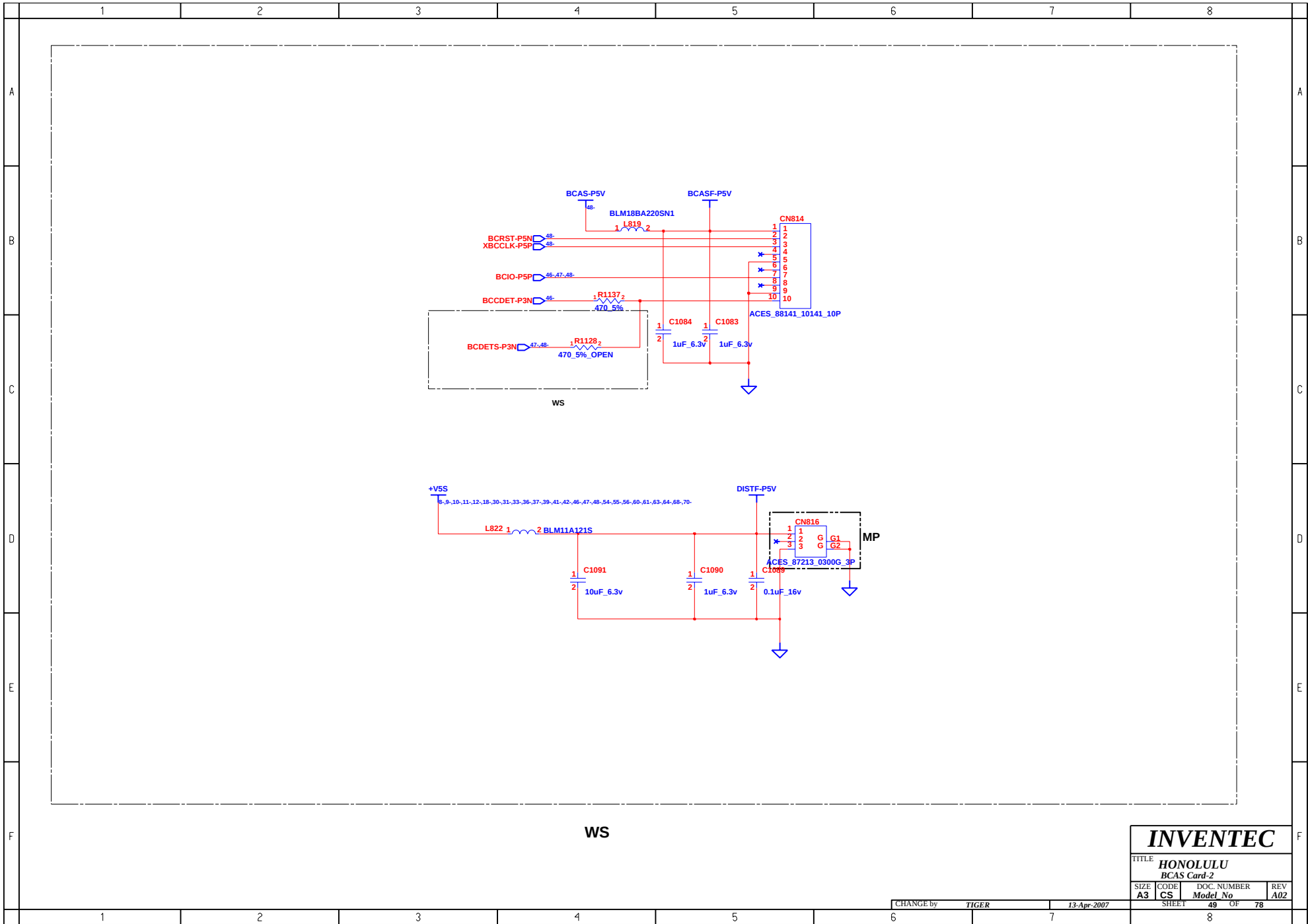
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TITLE
HONOLULU
BCAS Card-1

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by TIGER 13-Apr-2007

SHEET 48 OF 78

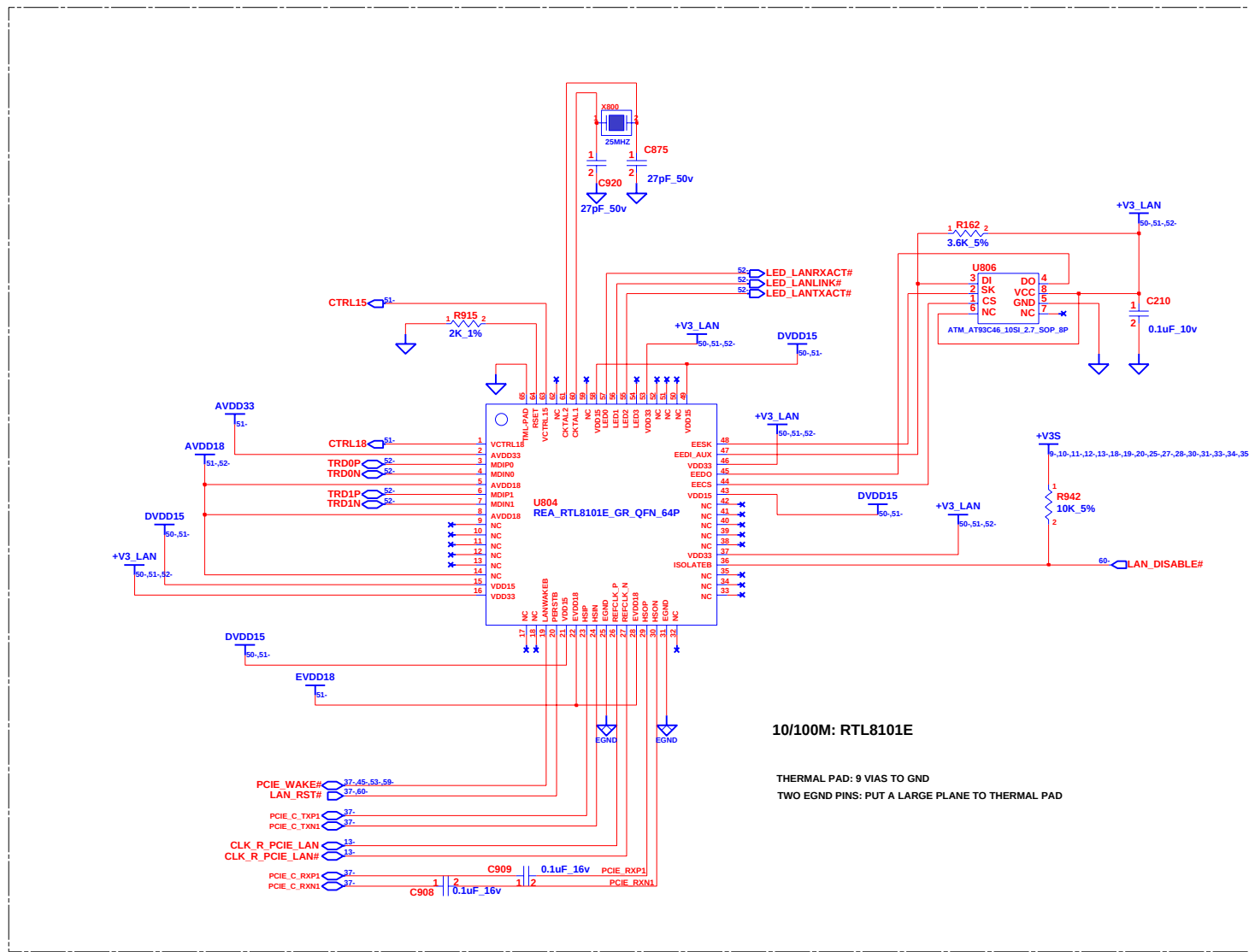


INVENTEC

TITLE			
HONOLULU			
BCAS Card-2			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by TIGER 13-Apr-2007

SHEET 49 OF 78



WS

10/100M: RTL8101E

THERMAL PAD: 9 VIAS TO GND
TWO EGND PINS: PUT A LARGE PLANE TO THERMAL PAD

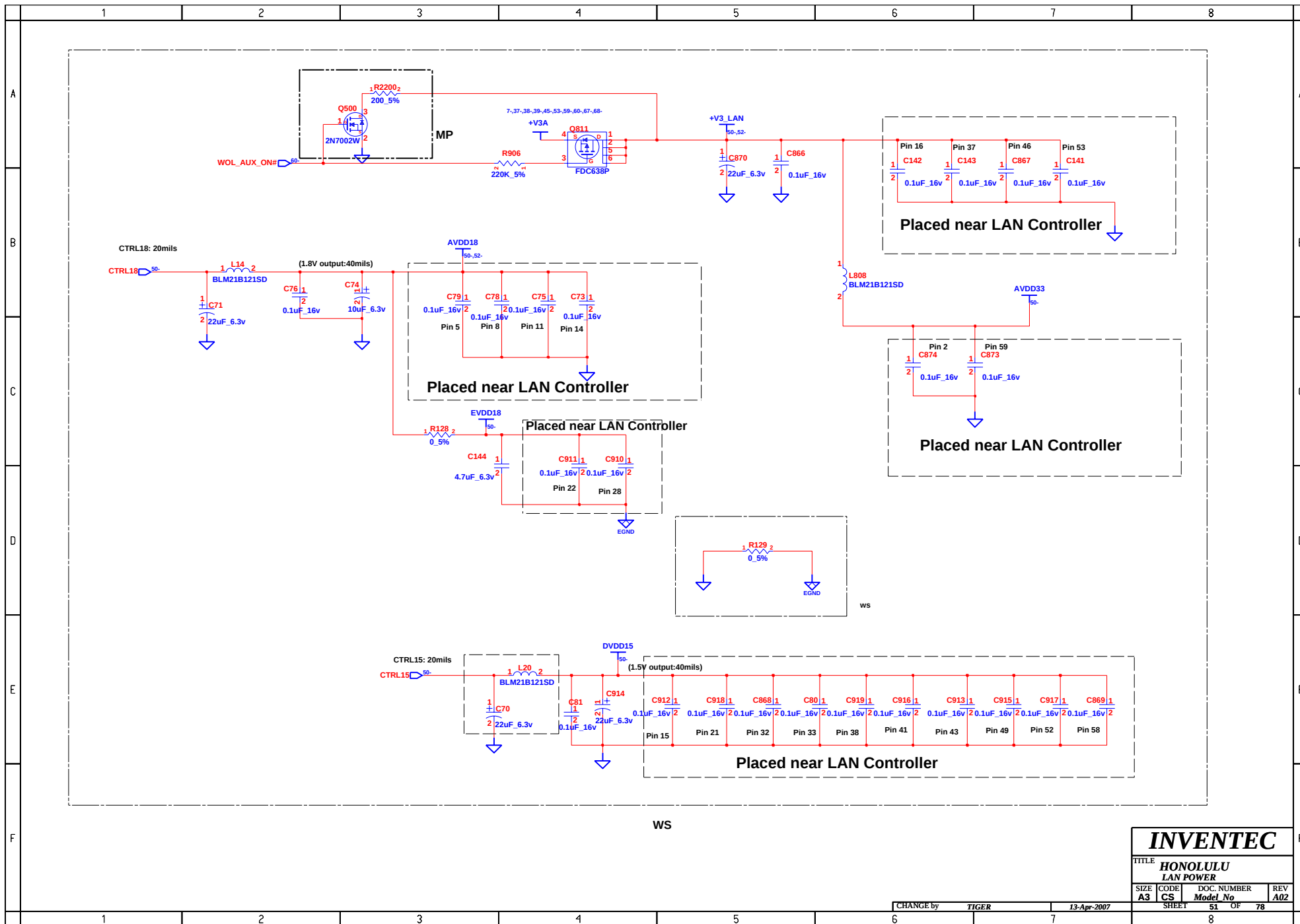
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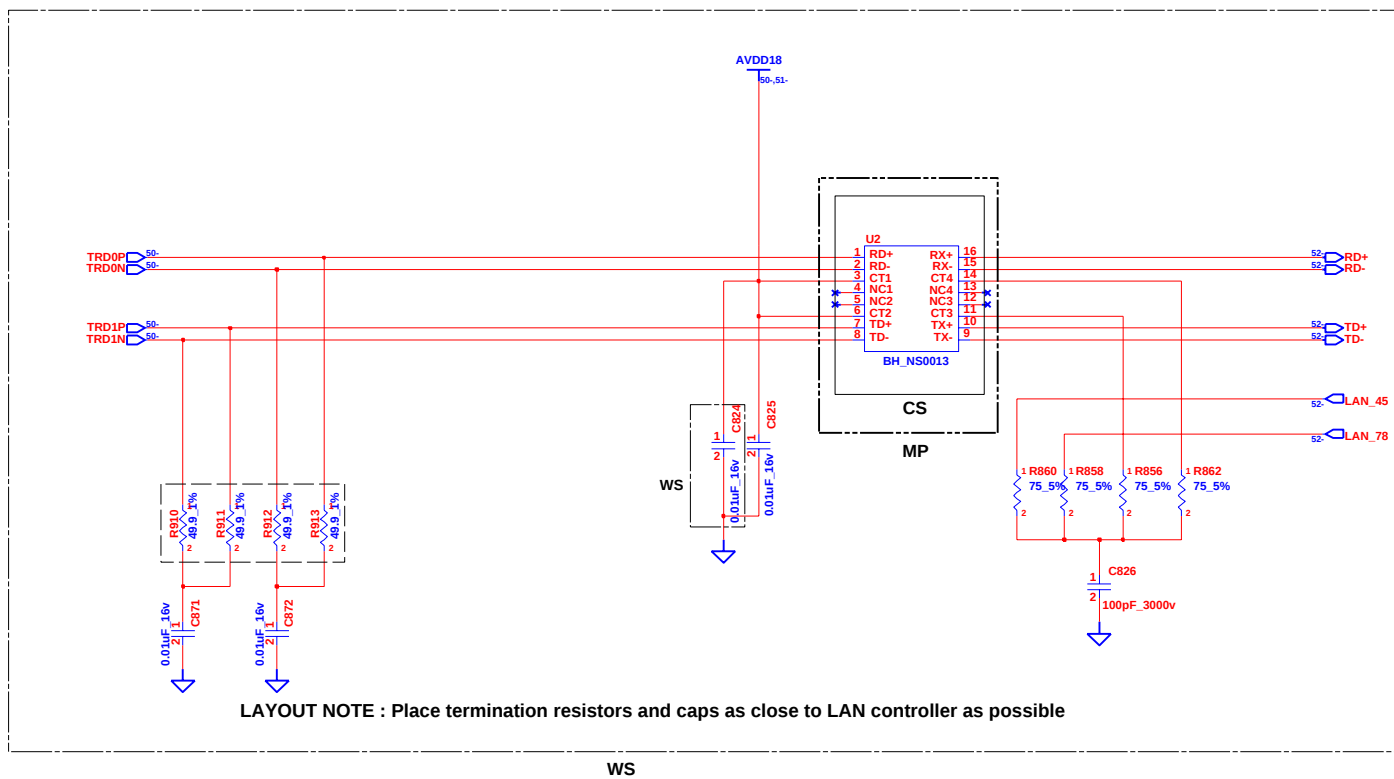
TITLE
**HONOLULU
LAN INTERFACE**

SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
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CHANGE by **TIGER** 13-Apr-2007

SHEET **50** OF **78**



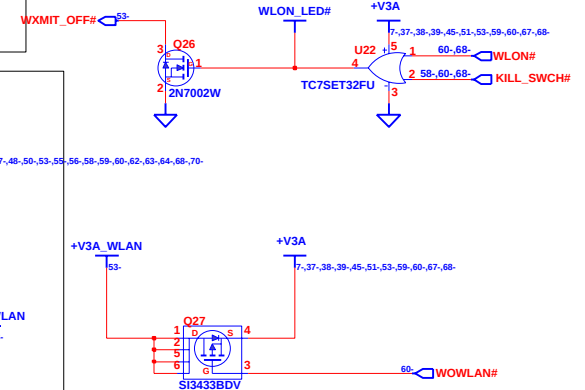
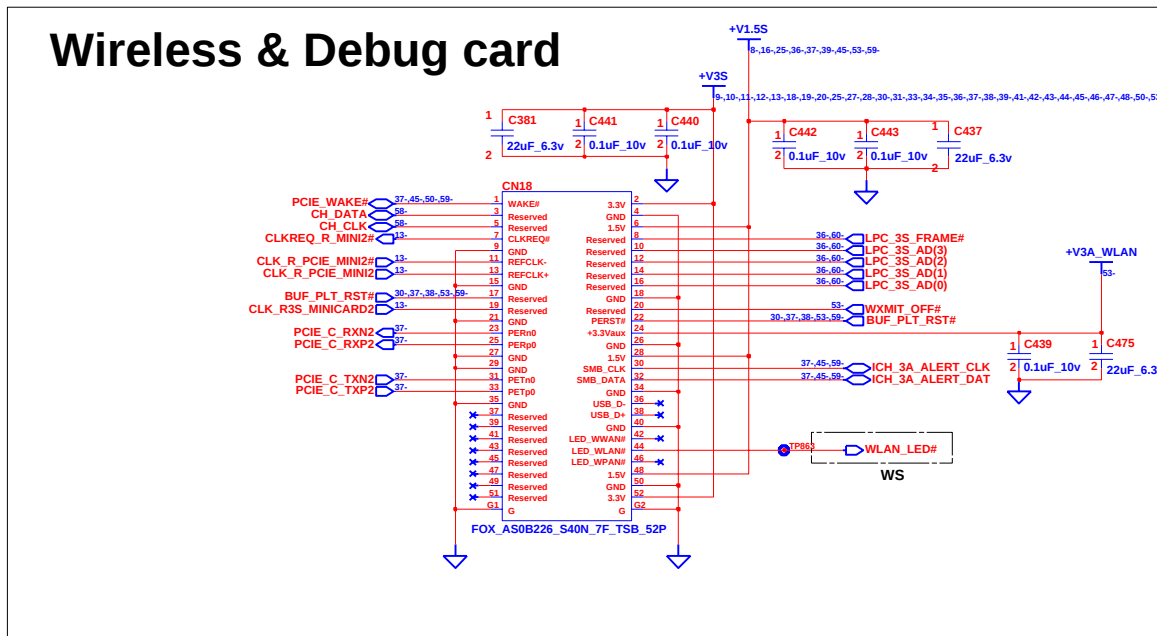
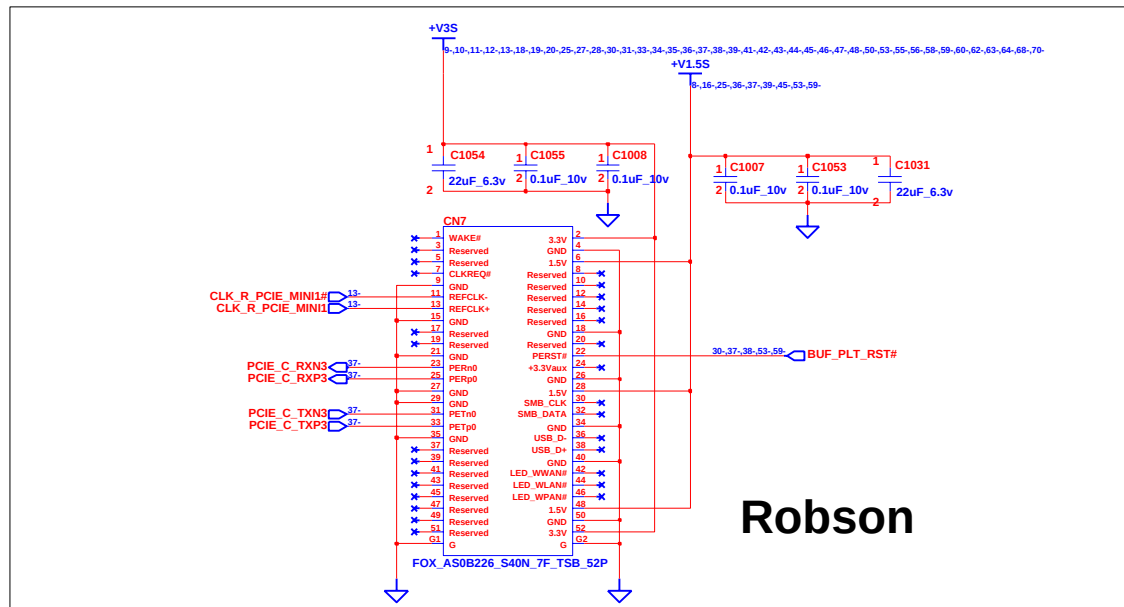


LAYOUT NOTE : Place termination resistors and caps as close to LAN controller as possible

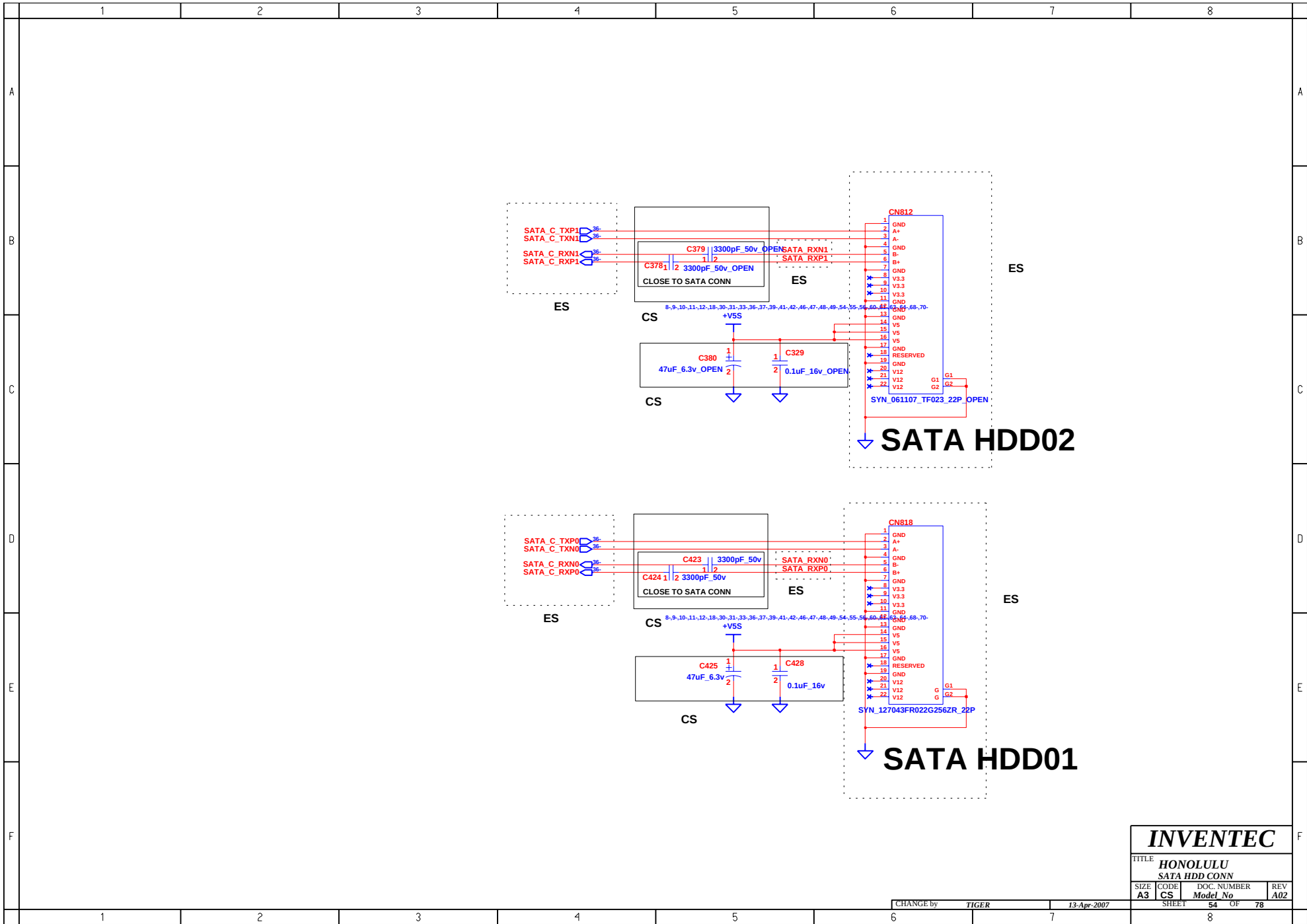
TITLE HONOLULU LAN RJ45 CONN			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV A02

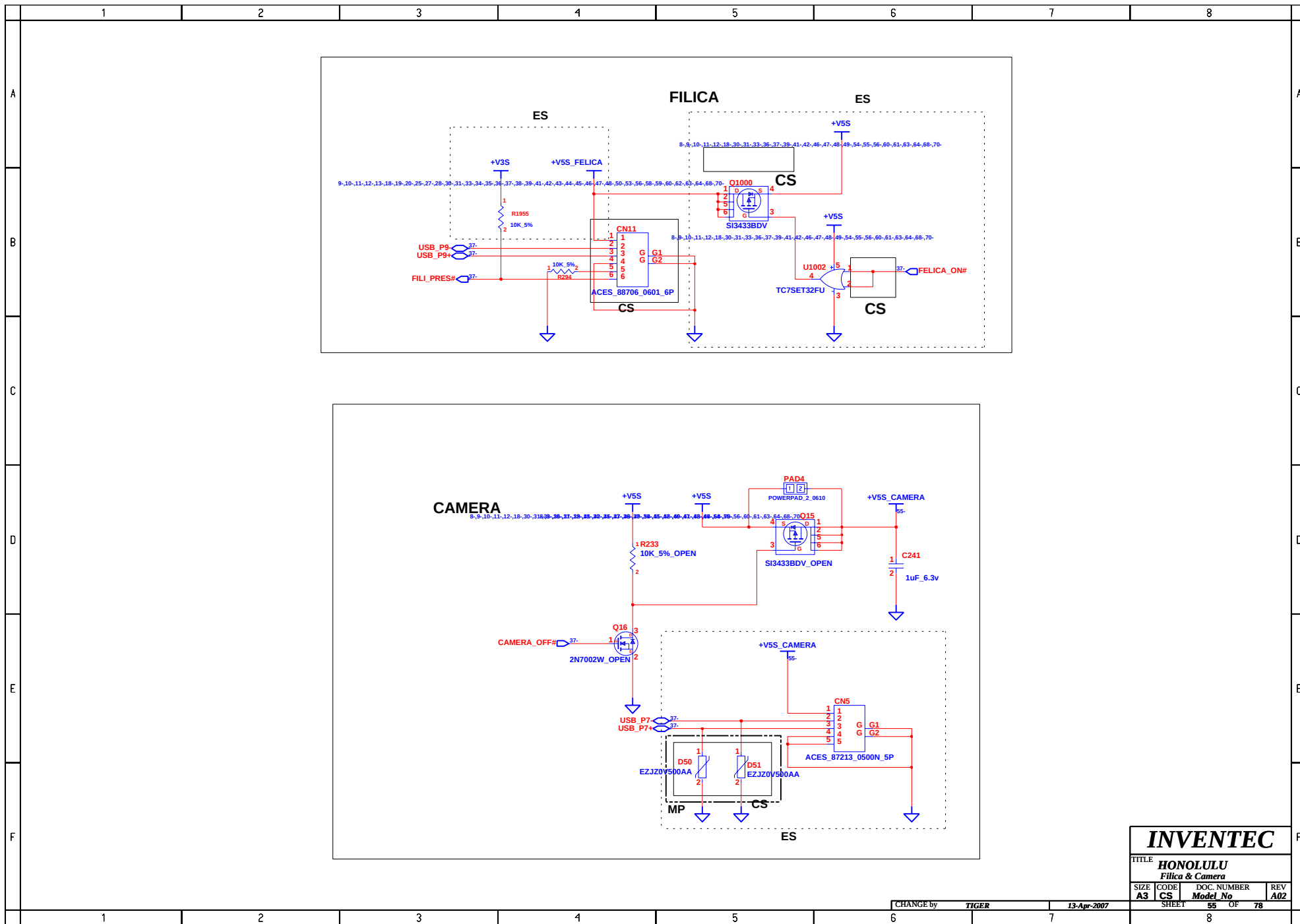
CHANGE by	<i>TIGER</i>	13-Apr-2007
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CS	Model No		
SHEET	52	OF	78



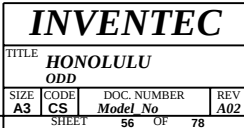
INVENTEC			
TITLE HONOLULU <i>Robson & WLAN</i>			
SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV A02
SHEET 53 OF 78			

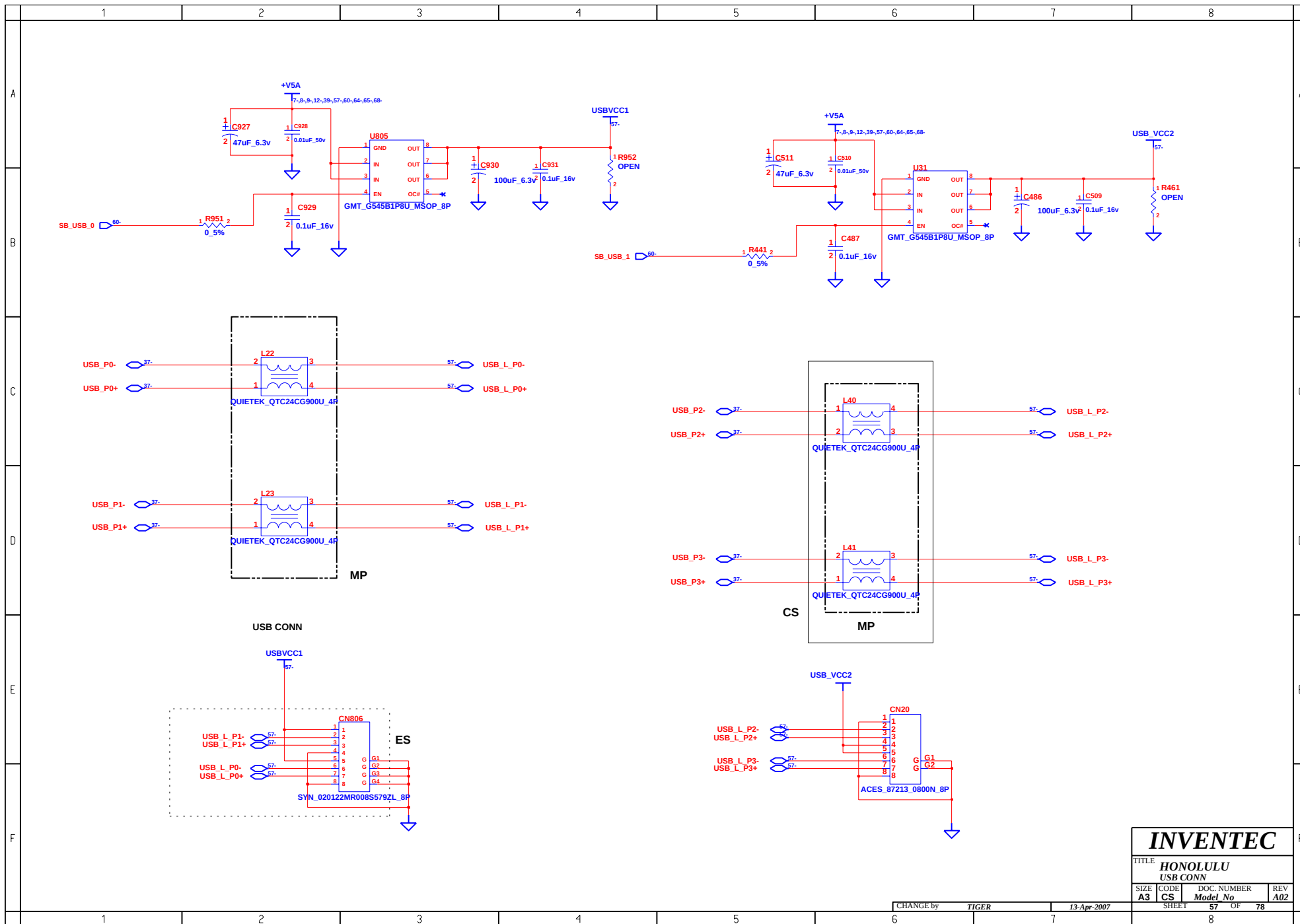




INVENTEC			
TITLE HONOLULU			
Filica & Camera			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET 55		OF 78	

CHANGE by TIGER 13-Apr-2007





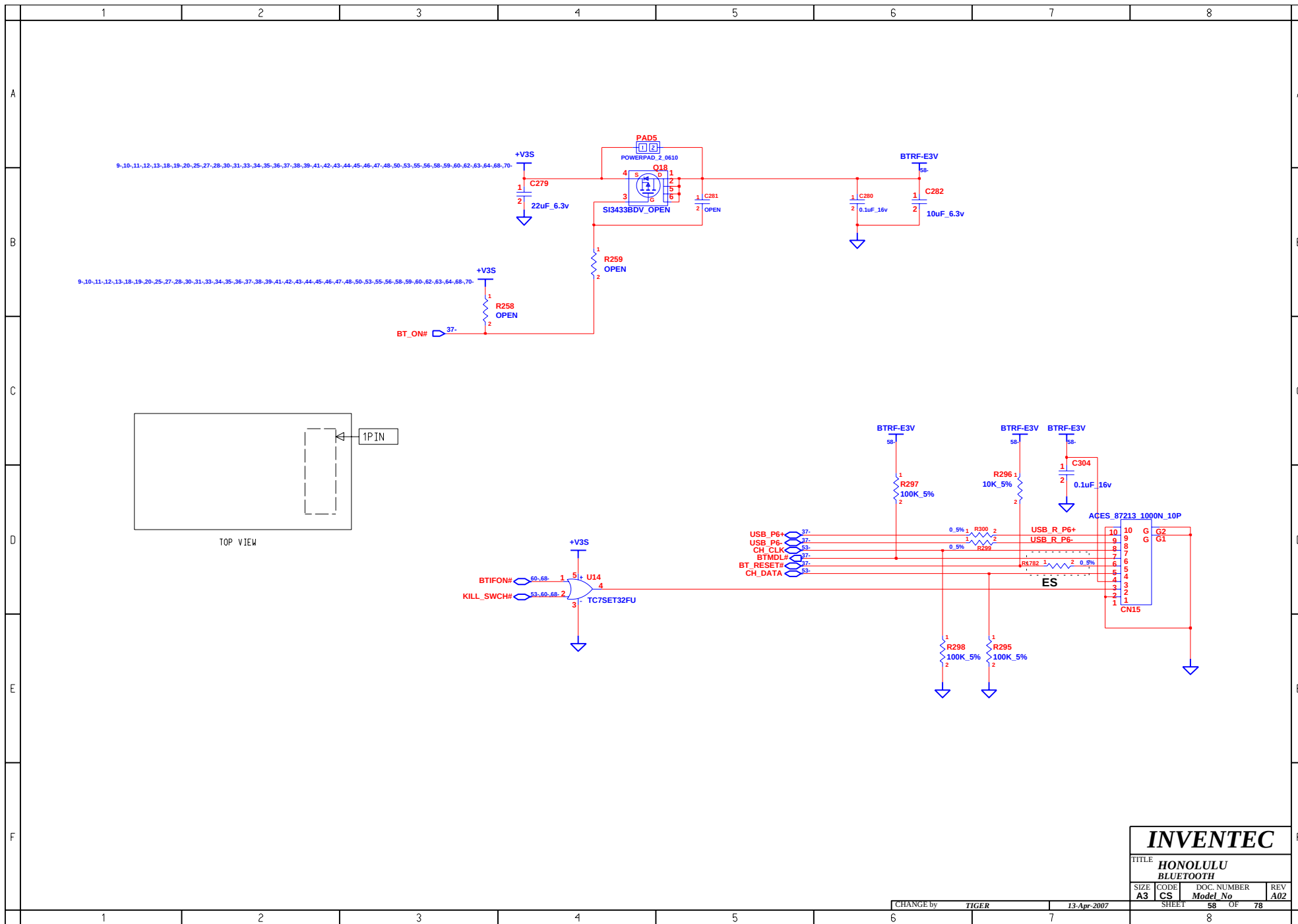
INVENTEC

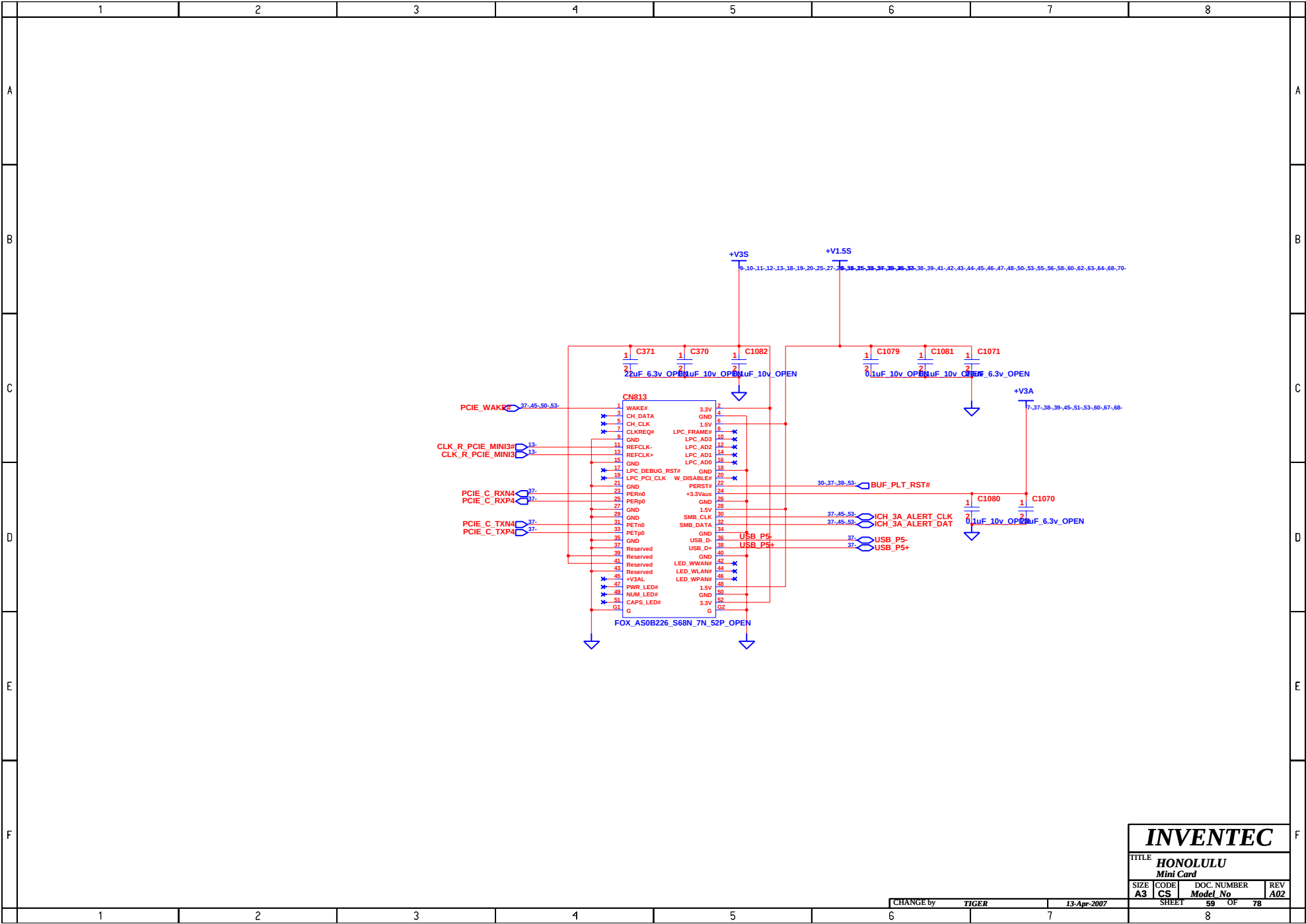
TITLE
HONOLULU
USB CONN

SIZE CODE DOC. NUMBER REV
A3 CS Model No 57 OF 78 A02

CHANGE by TIGER 13-Apr-2007

8



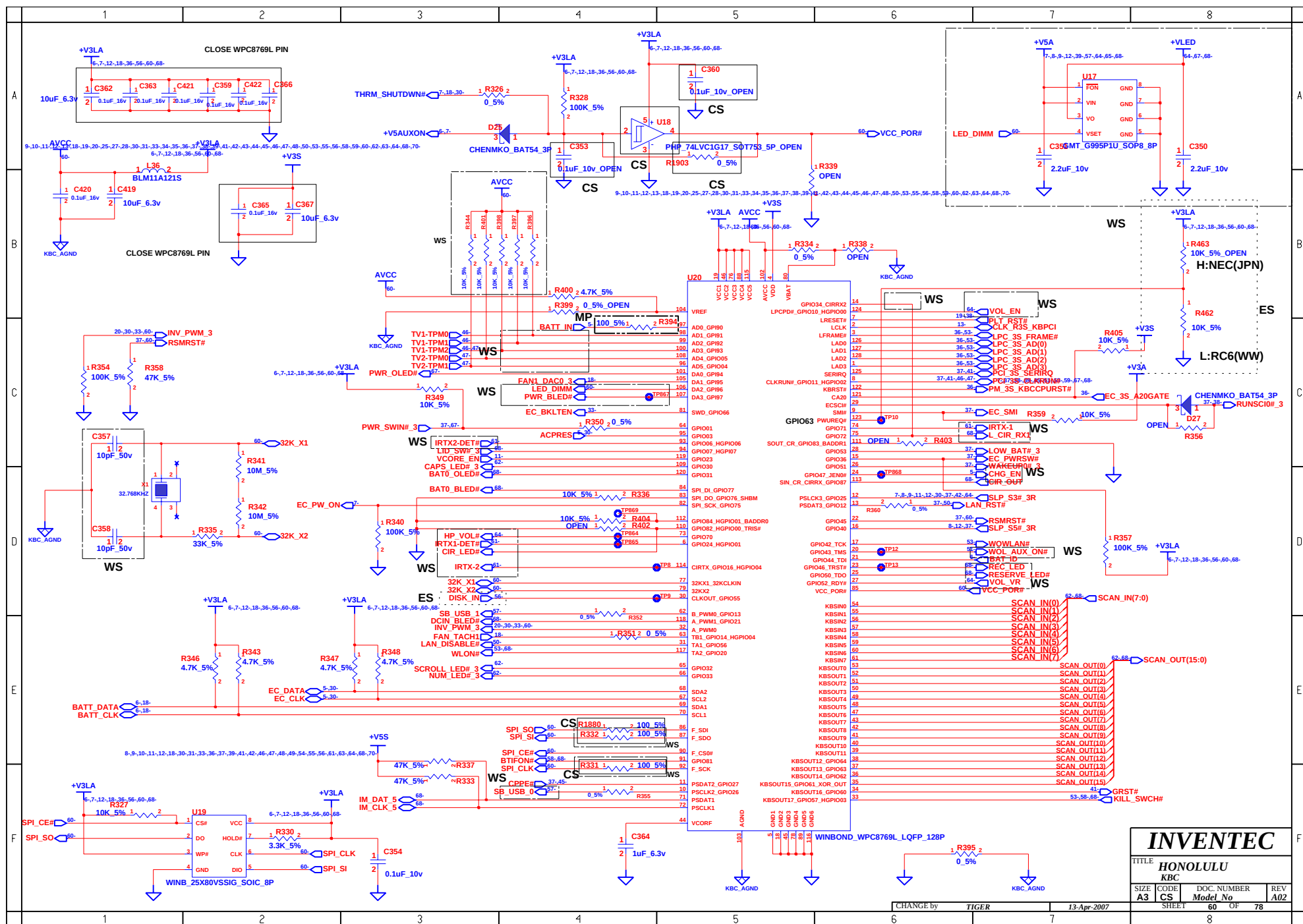


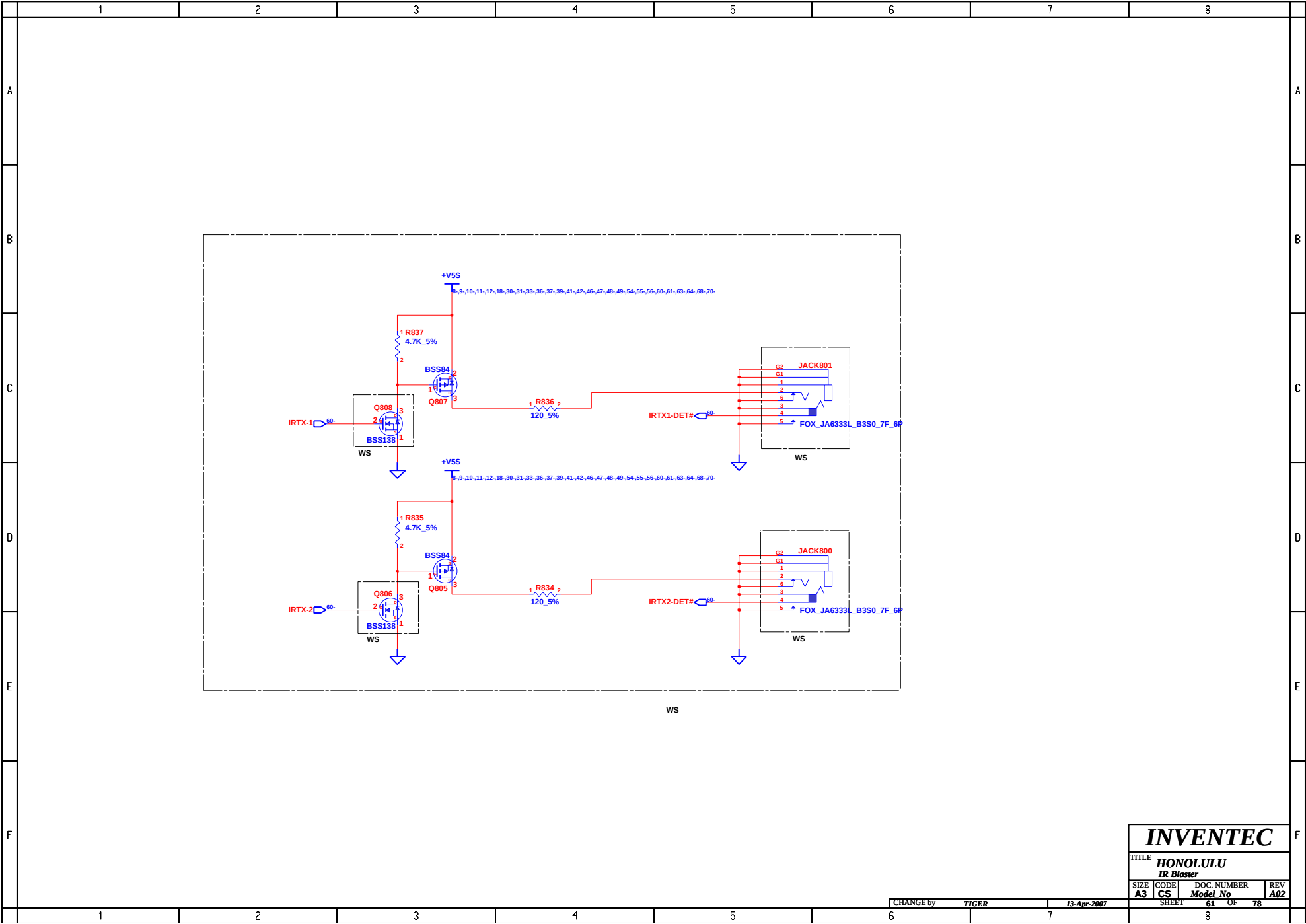
INVENTEC

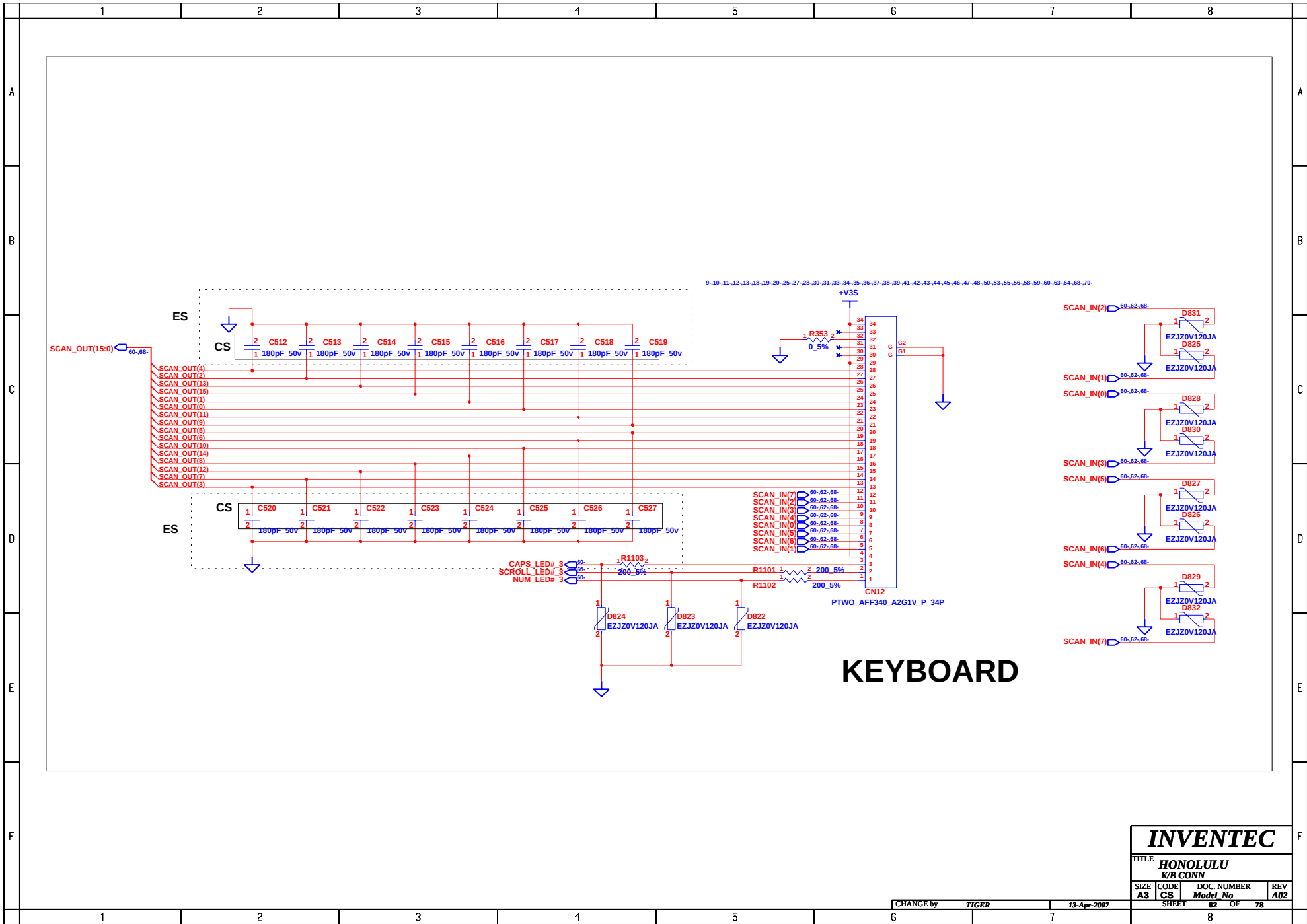
TITLE			
HONOLULU			
Mini Card			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

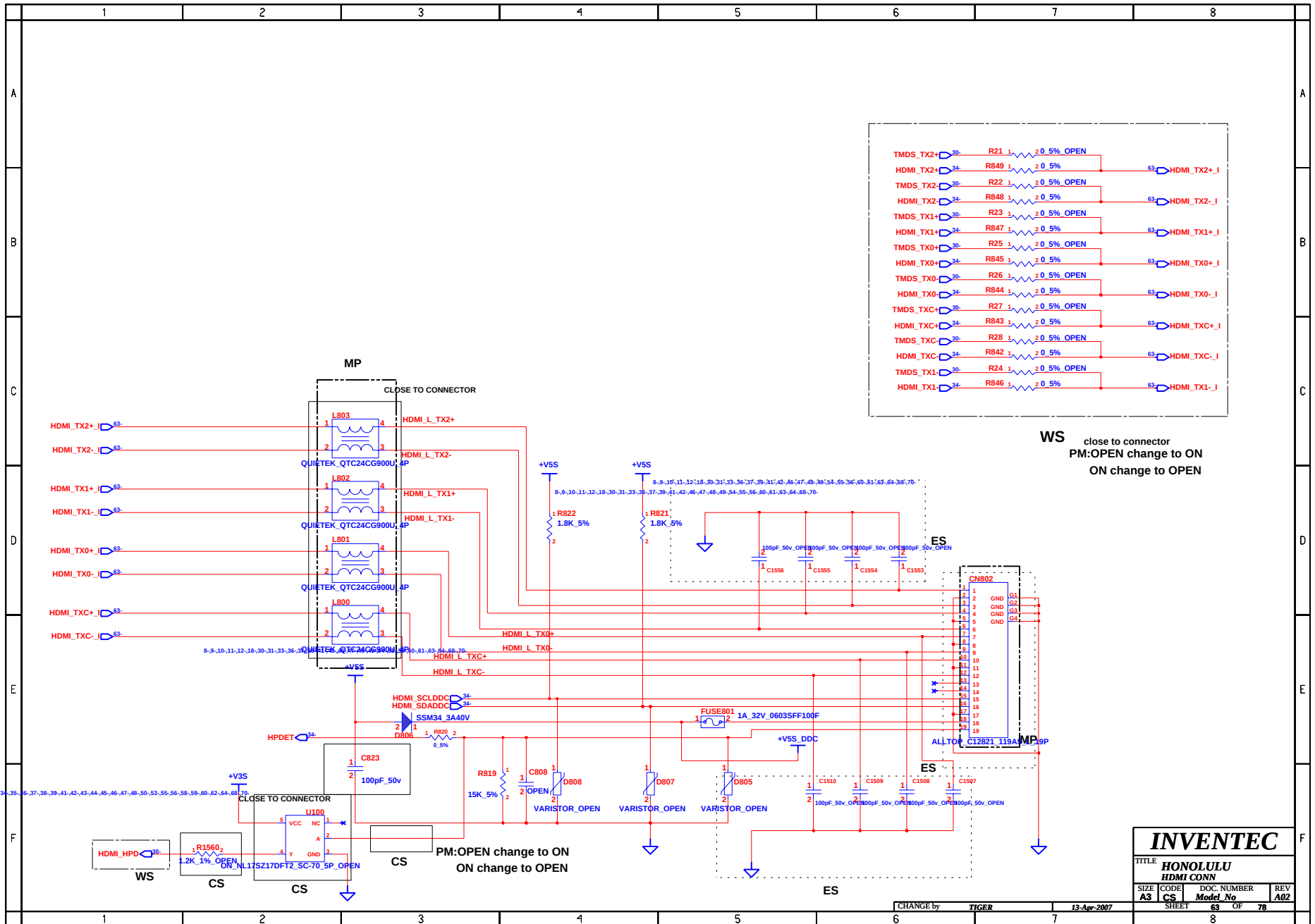
CHANGE by TIGER 13-Apr-2007

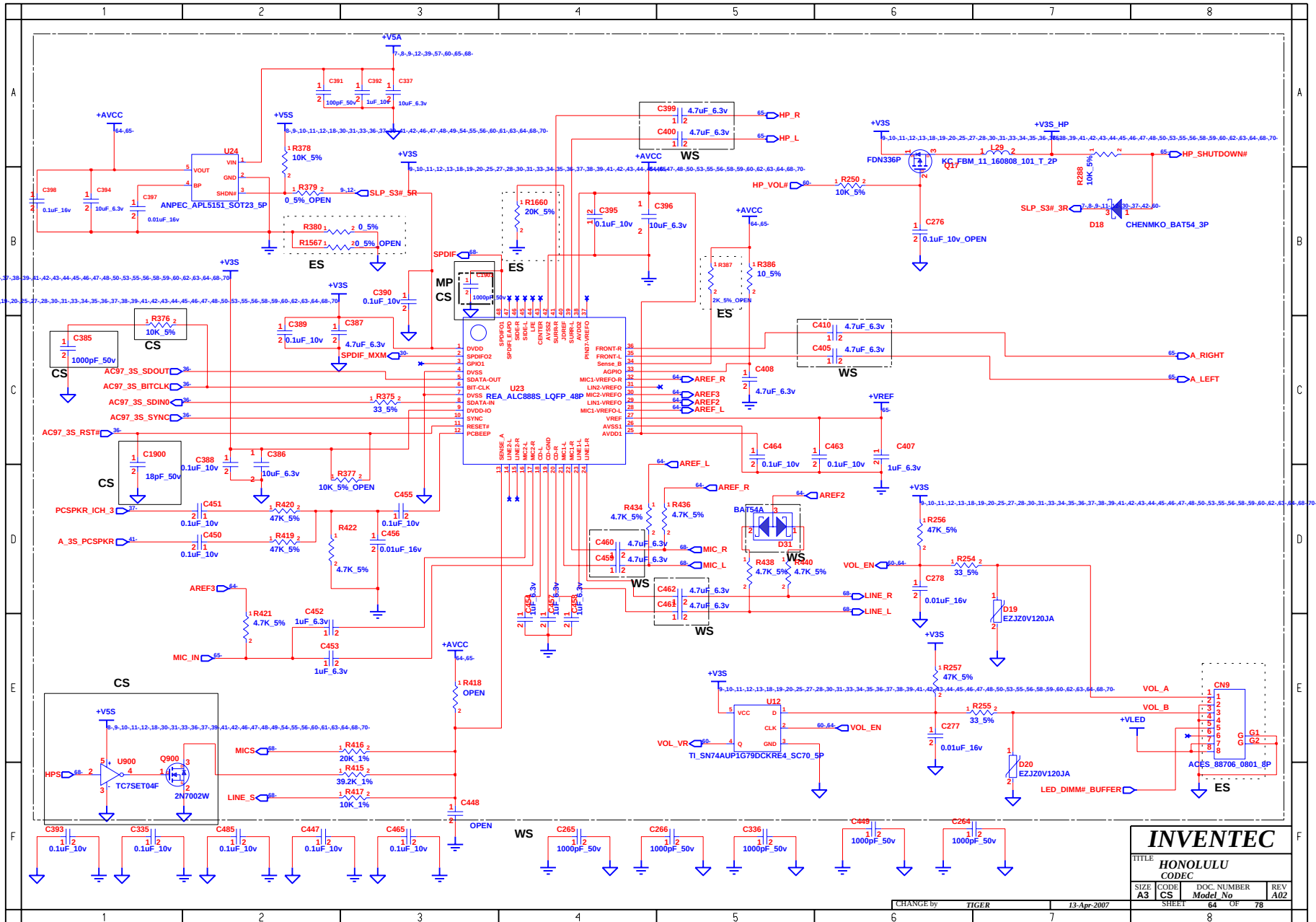
SHEET 59 OF 78

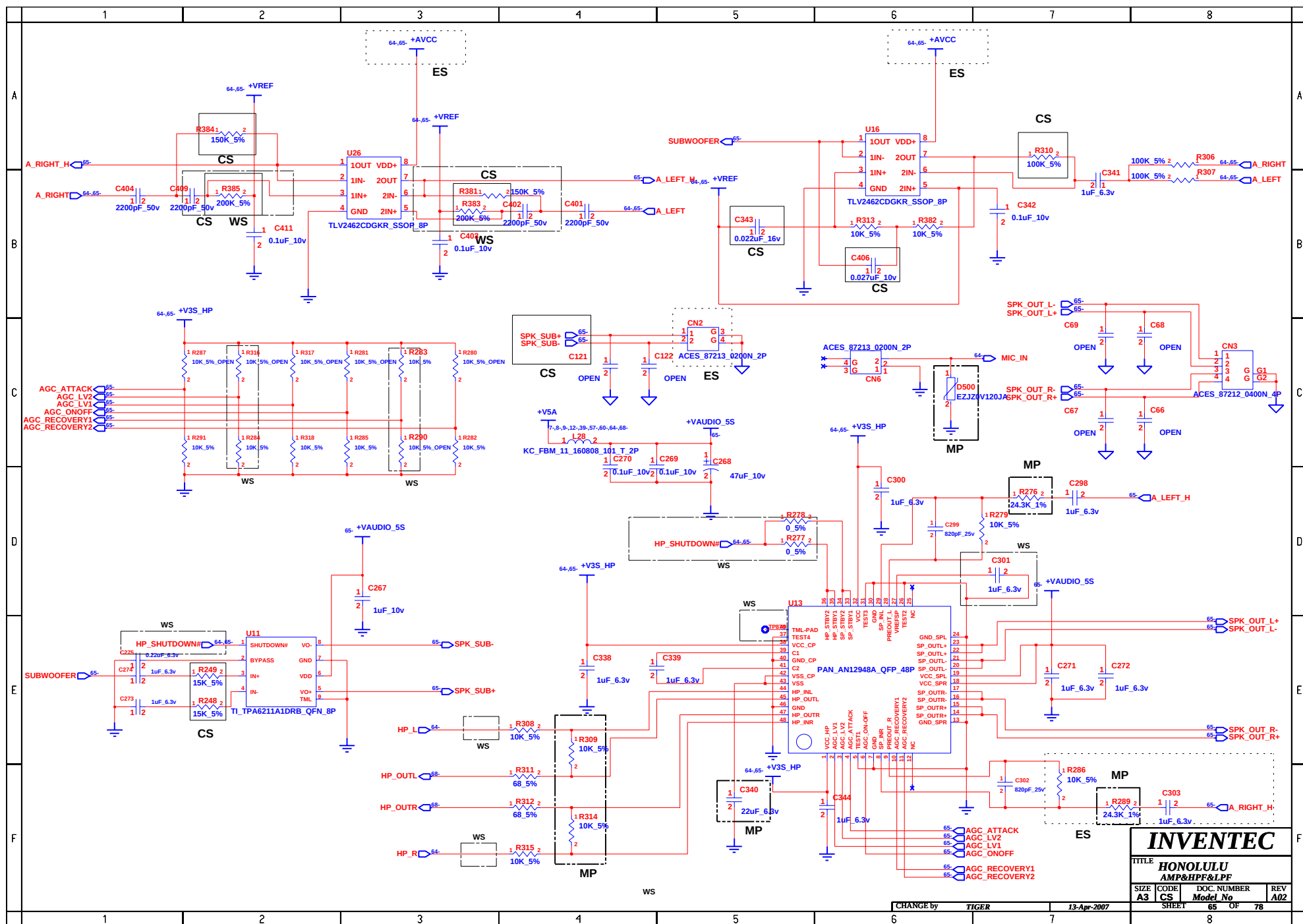


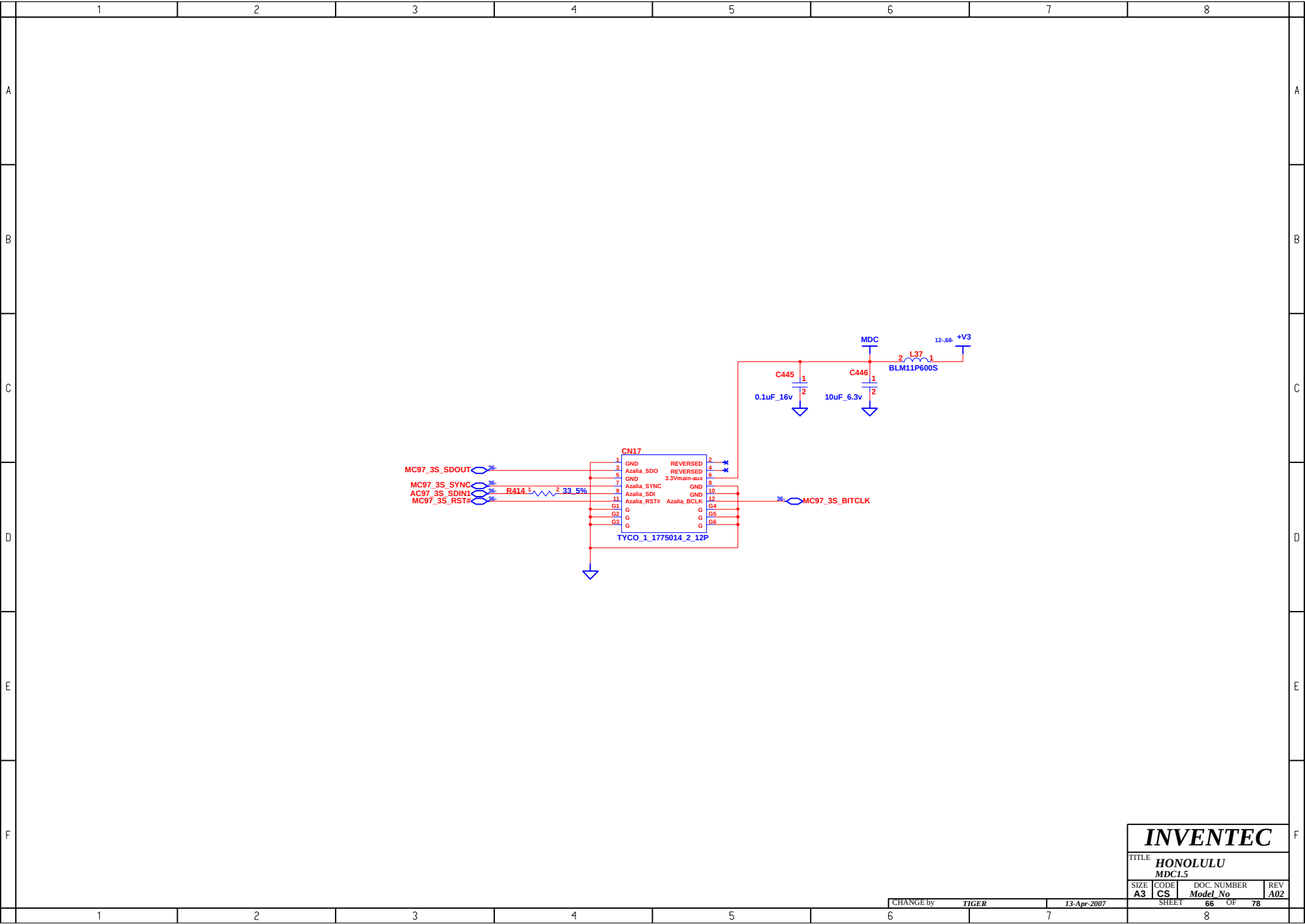












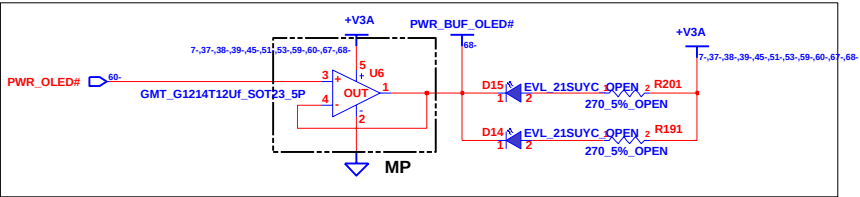
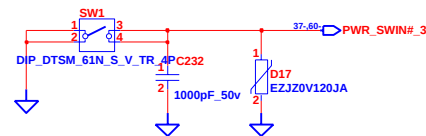
INVENTEC

TITLE
**HONOLULU
MDC1.5**

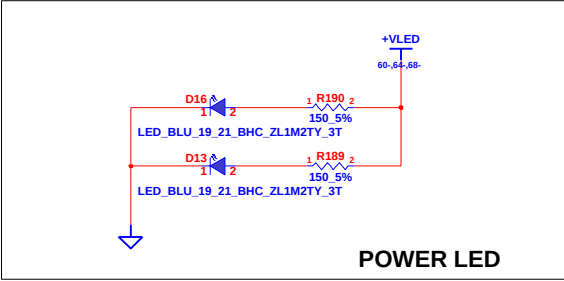
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
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CHANGE by TIGER	13-Apr-2007	SHEET 66	OF 78
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POWER SWITCH



CS



POWER LED

WS

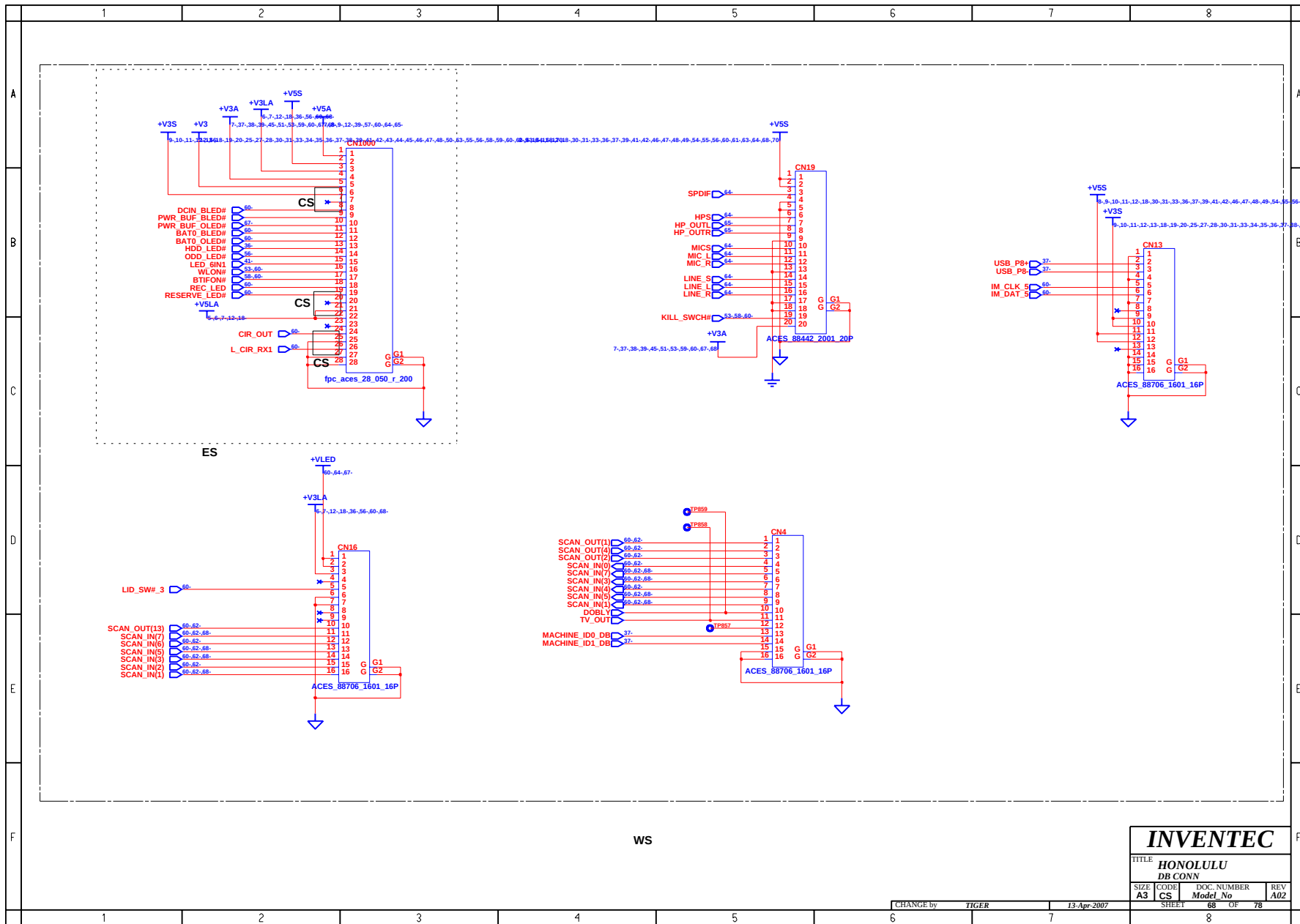
INVENTEC

TITLE
**HONOLULU
POWER SW**

SIZE A3	CODE CS	DOC. NUMBER <i>Model No</i>	REV A02
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CHANGE by *TIGER* 13-Apr-2007

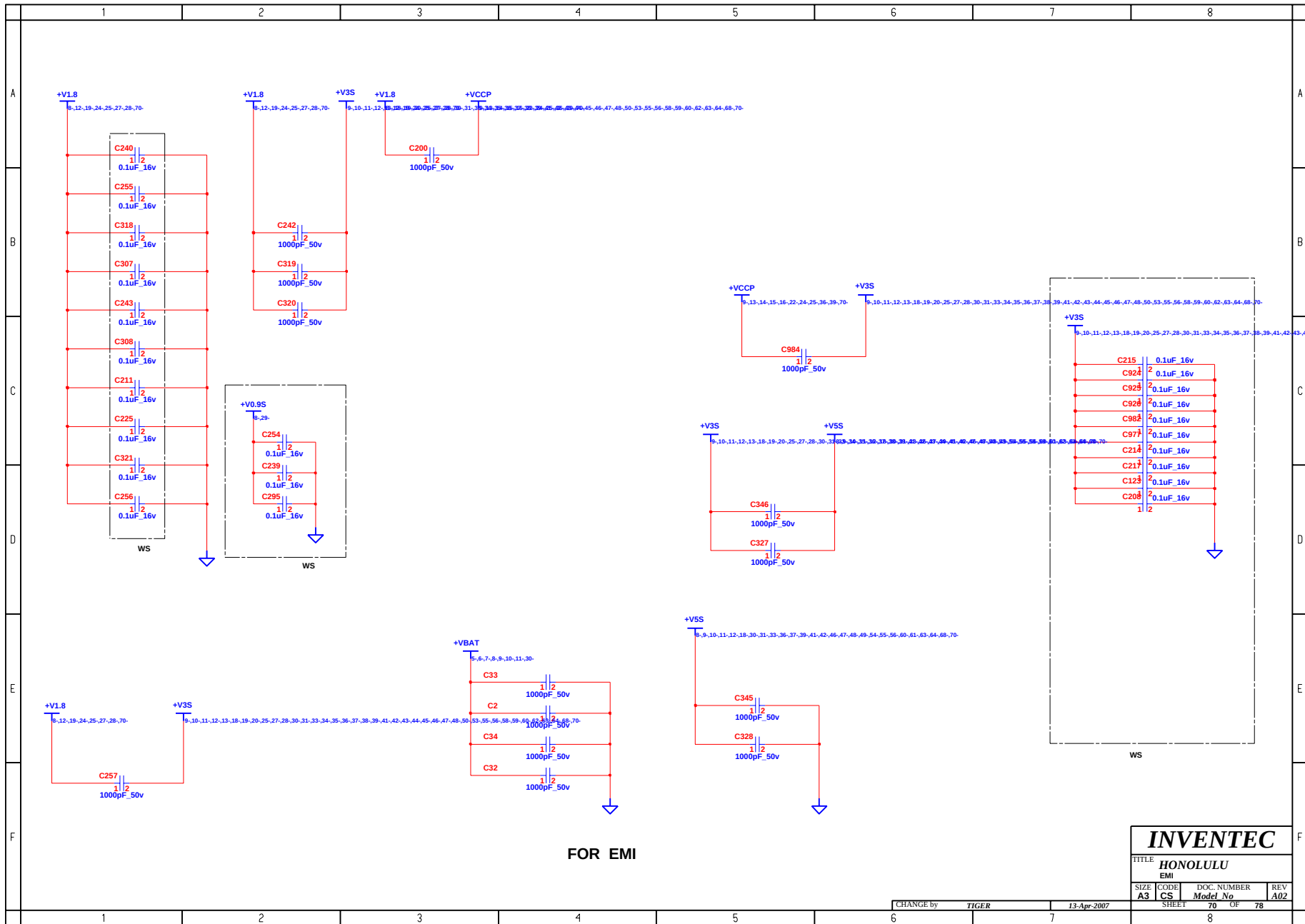
SHEET 67 OF 78



INVENTEC			
TITLE HONOLULU DB CONN			
SIZE A3	CODE CS	DOC. NUMBER Model_No	REV A02
CHANGE by TIGER		13-Apr-2007	SHEET 68 OF 78



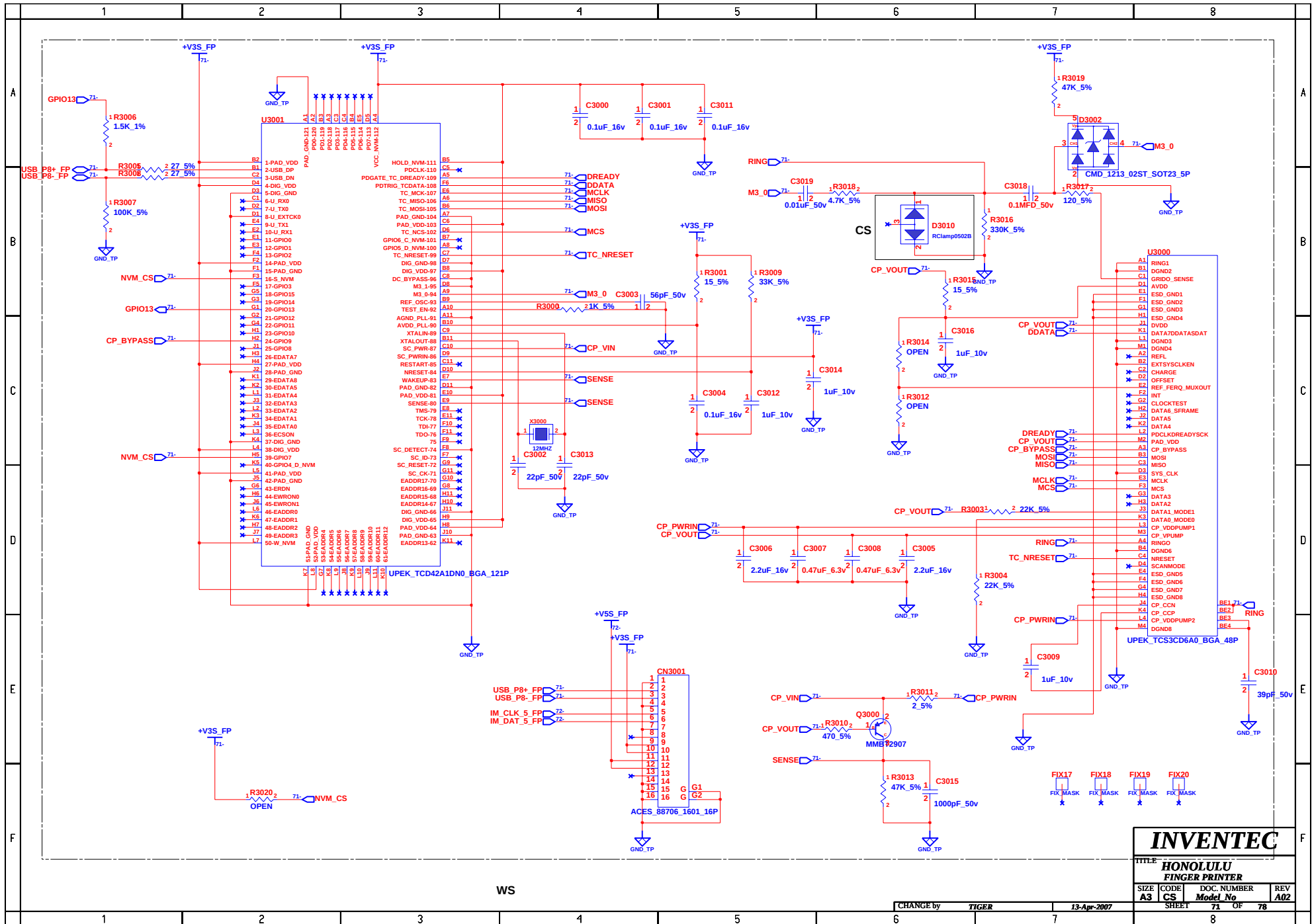
CHANGE by	TIGER	13-Apr-2007
6		7

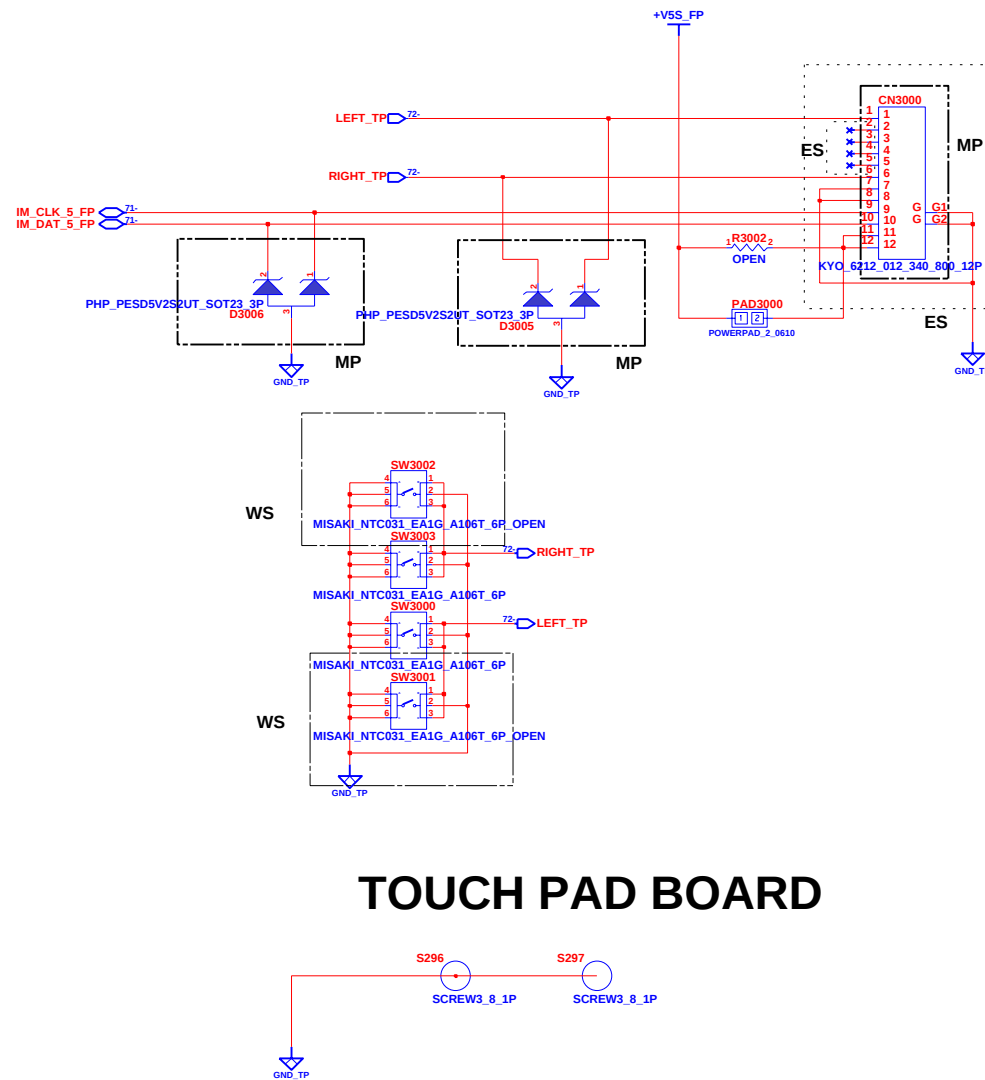


INVENTEC			
HONOLULU			
EMI			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

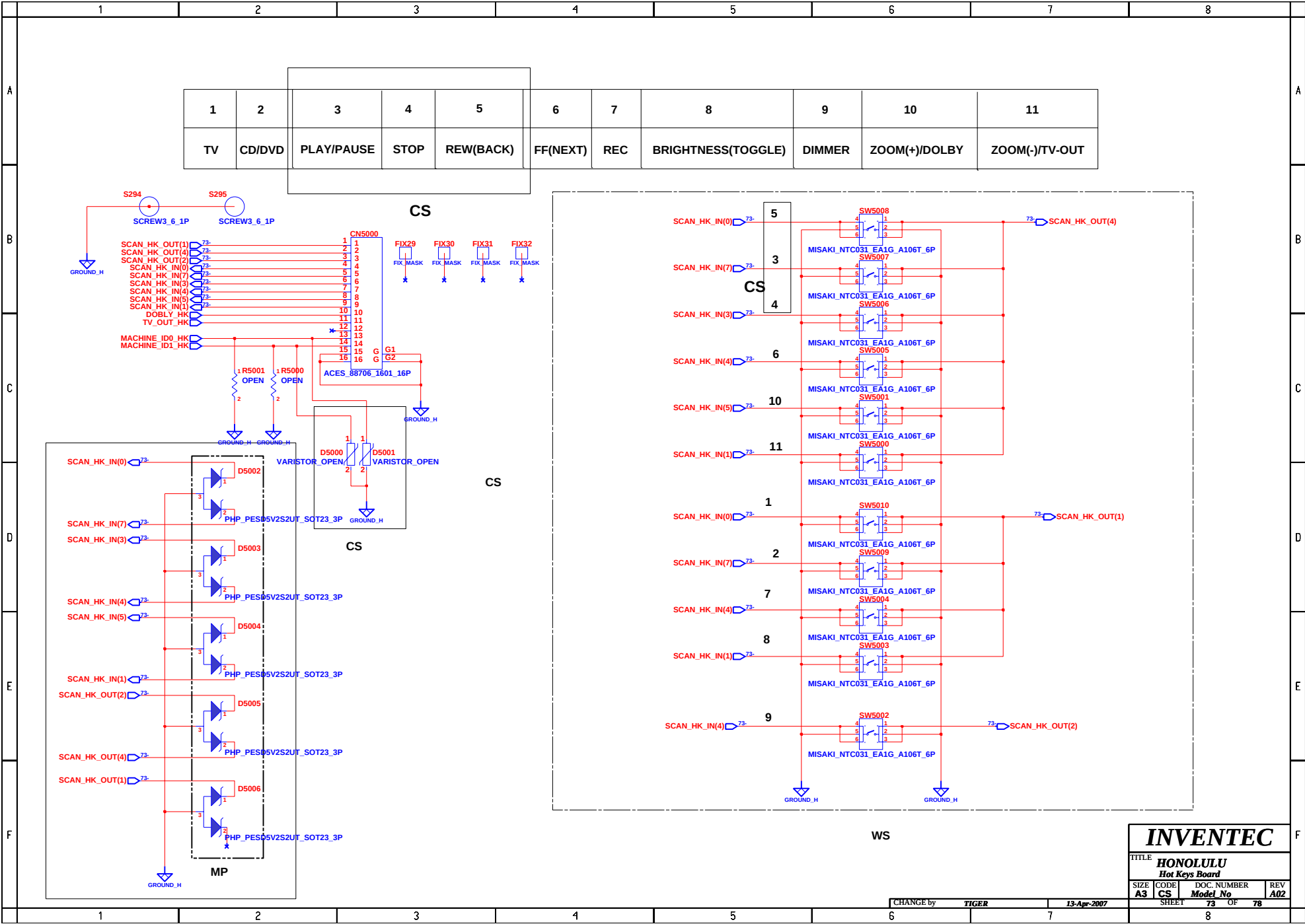
CHANGE by TIGER 13-Apr-2007

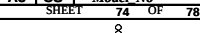
SHEET 70 OF 78

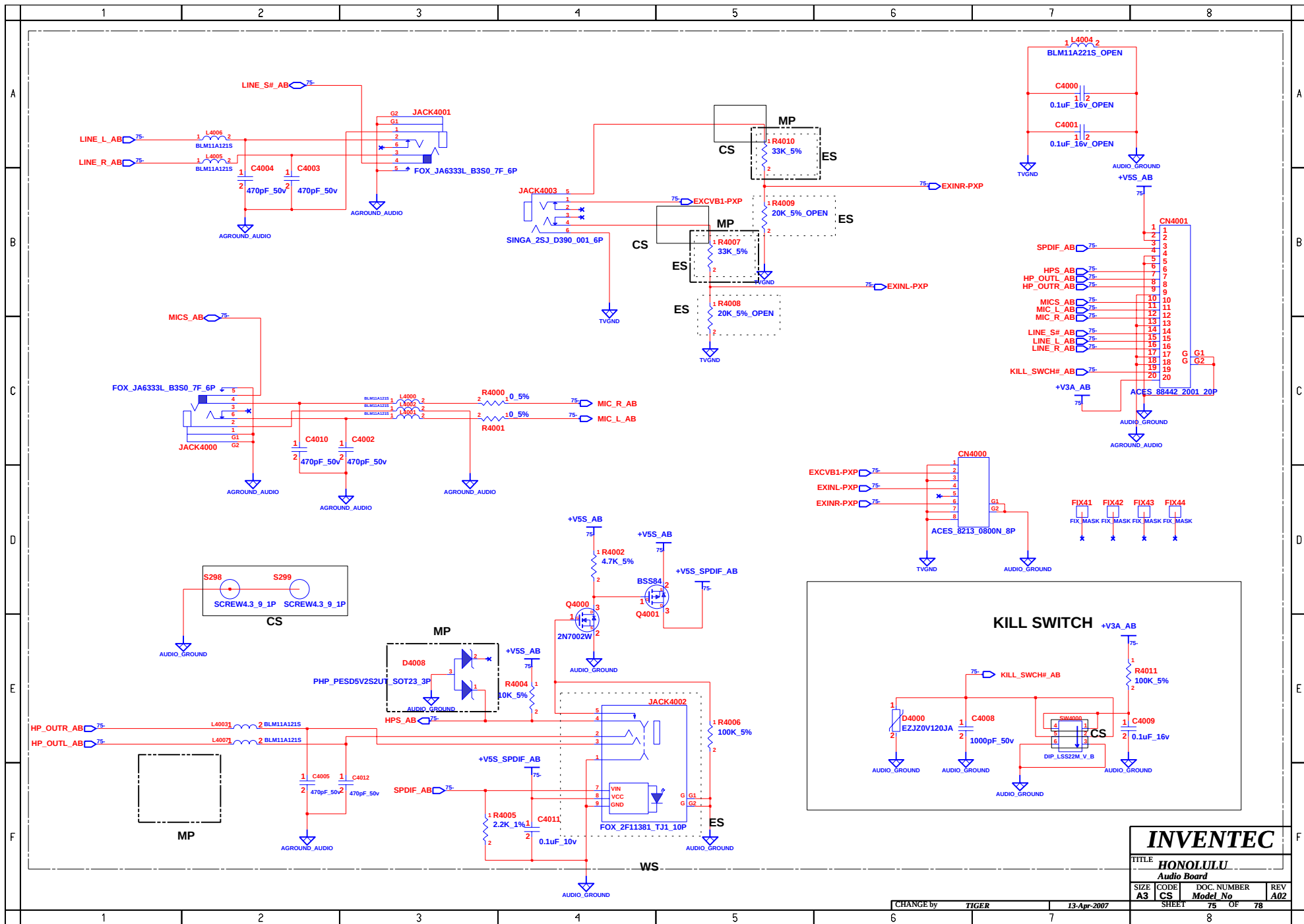




INVENTEC			
TITLE HONOLULU Touch Pad			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02
CHANGE by TIGER		13-Apr-2007	
SHEET 72		OF 78	







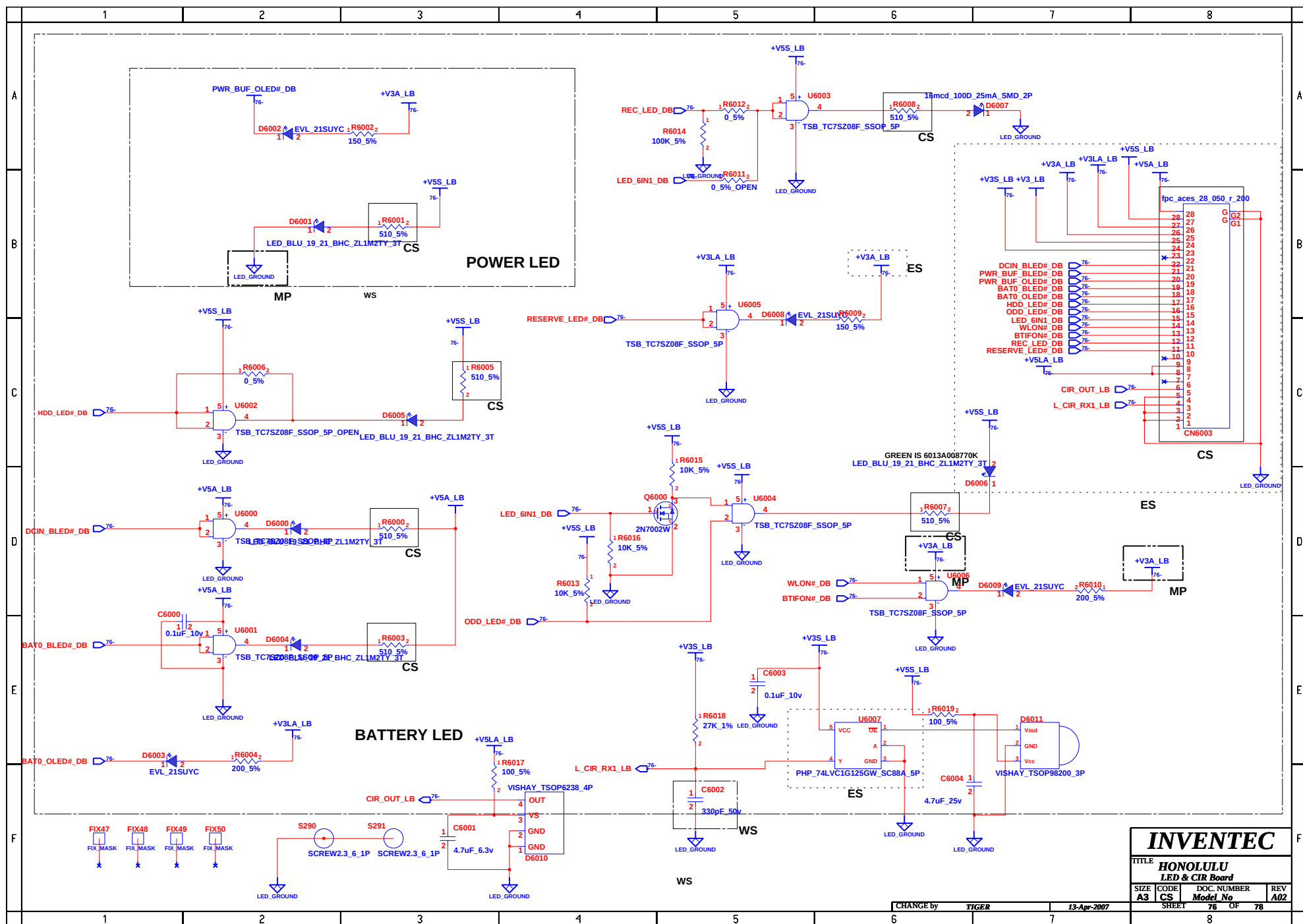
INVENTEC

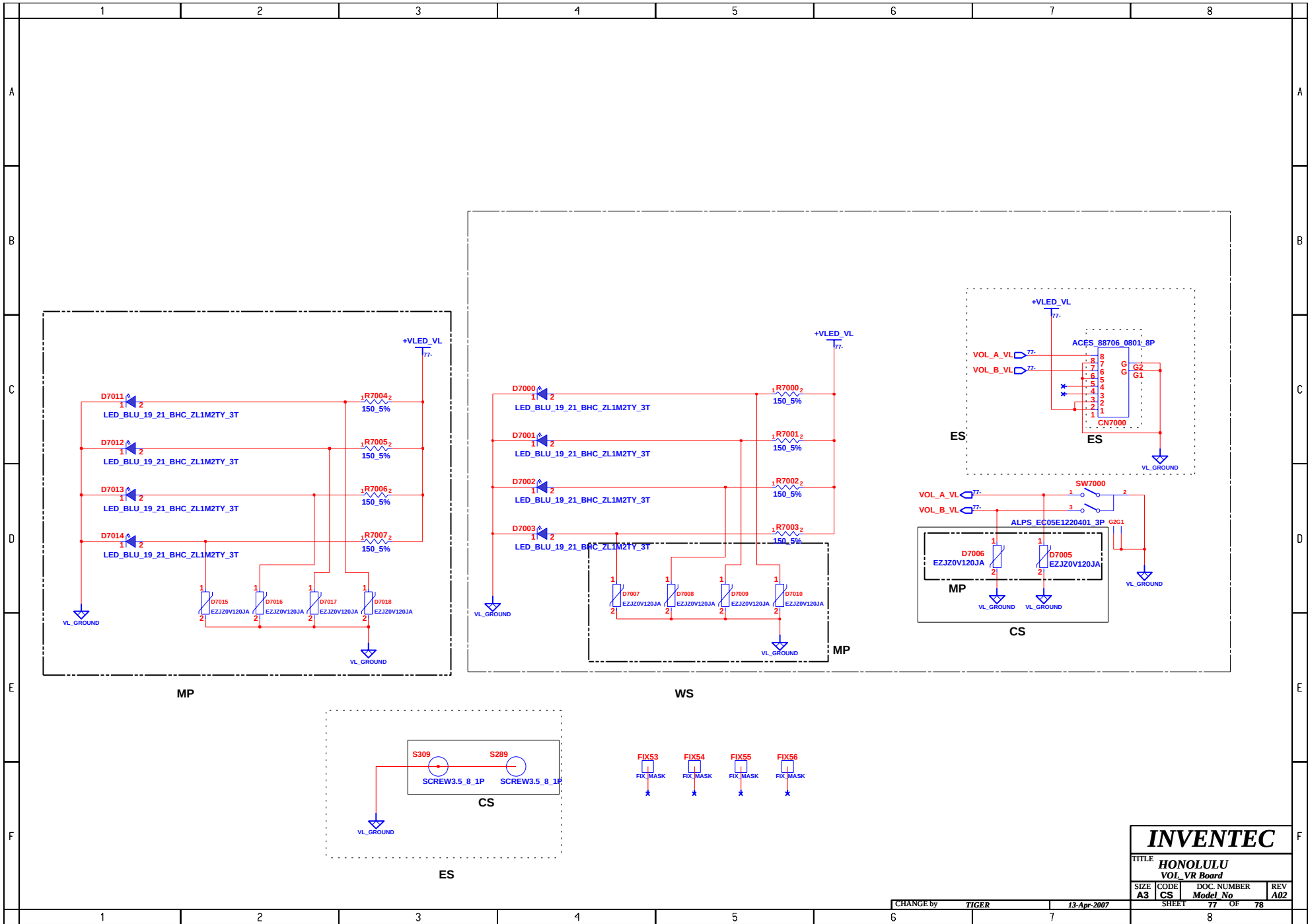
TITLE HONOLULU
Audio Board

SIZE	CODE	DOC. NUMBER	REV
A3	CS	Model No	A02

CHANGE by TIGER 13-Apr-2007

SHEET 75 OF 78





INVENTEC

TITLE
**HONOLULU
VOL_VR Board**

SIZE A3	CODE CS	DOC. NUMBER Model No.	REV A02
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HONOLULU Configuration

Honolulu 10 & 10G:

	HONOLULU 10 (UMA)	HONOLULU 10G (Discrete)
NB	Crestline-GM	Crestline-PM
Graphics	Crestline-GM	MXM
HDMI	SIL1392	MXM
CRT	Crestline-GM	MXM
LCM	Crestline-GM	MXM
S-VIDEO	Crestline-GM	MXM
+VGFX-CORE	NEED	No NEED
SPDIF Out	ALC888 (Single)	ALC888S (Both)

BTO:

1. HDMI-out
2. Camera with internal microphone
3. Bluetooth
4. MDC/Modem
5. PC Card (type II) or ExpressCard/54
6. BCAS Card

TV Tuner, 3'rd mini card & 2'nd HDD Combination:

TV1	TV2	BCAS	3'rd mini card	2'nd HDD
Sepia-A	Not available	Not support	Not available	Available
Sepia-A	Sepia-A	Not support	Not available	Not available
Sepia-D	Sepia-D	Not support	Not available	Not available
Sepia-I	Not available	support	Not available	Available
Sepia-I	Sepia-I	support	Not available	Not available
Sepia-IA	Not available	support	Not available	Available
Not available	Sepia-A	Not support	HD-DVD accelerator	Not available
Not available	Sepia-D	Not support	HD-DVD accelerator	Not available
Not available	Sepia-I	support	HD-DVD accelerator	Not available
Not available	Sepia-IA	support	HD-DVD accelerator	Not available

INVENTEC			
TITLE HONOLULU CONFIGURATION			
SIZE A3	CODE CS	DOC. NUMBER Model No	REV A02
SHEET 78		OF 78	

CHANGE by TIGER 13-Apr-2007

8