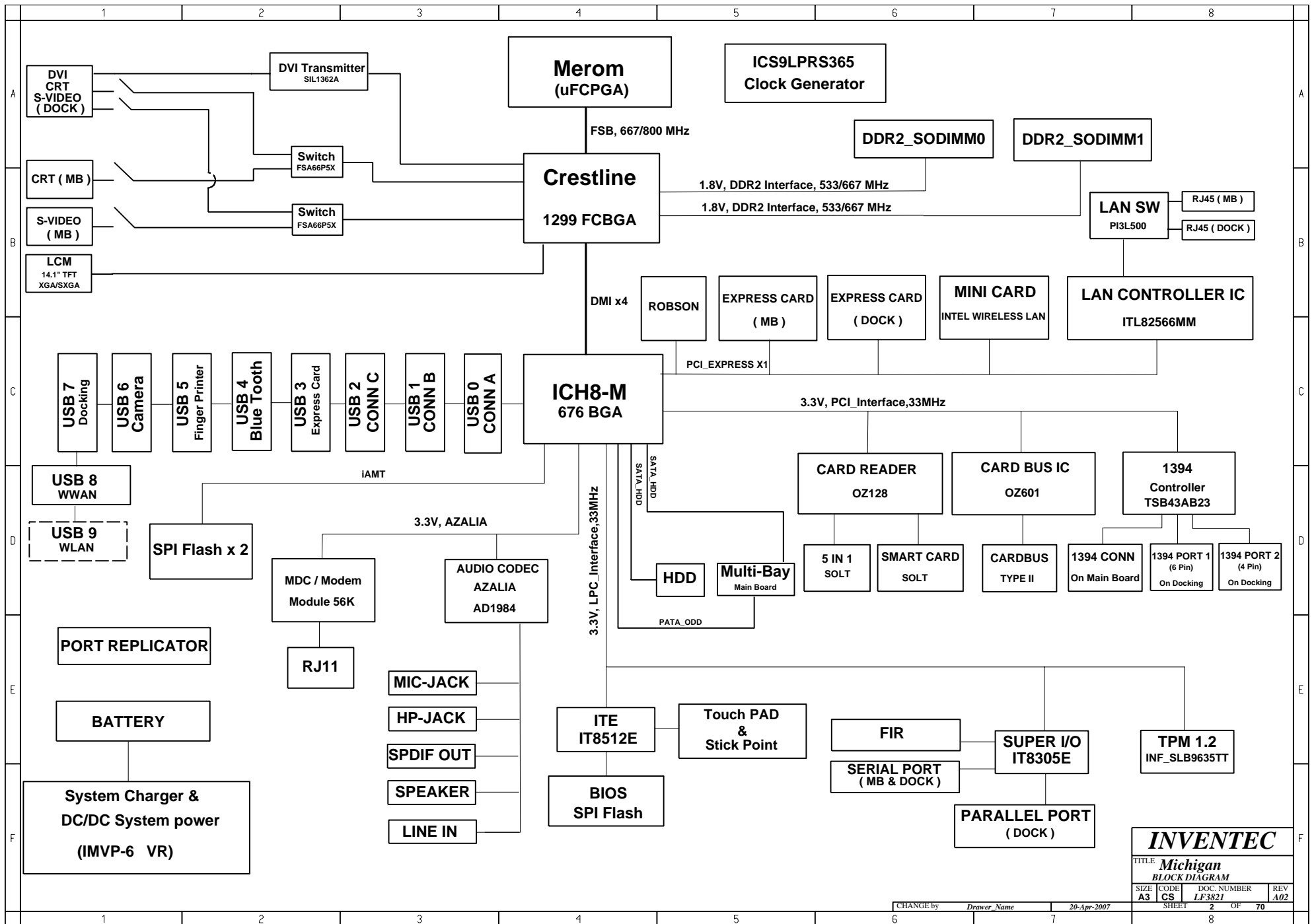


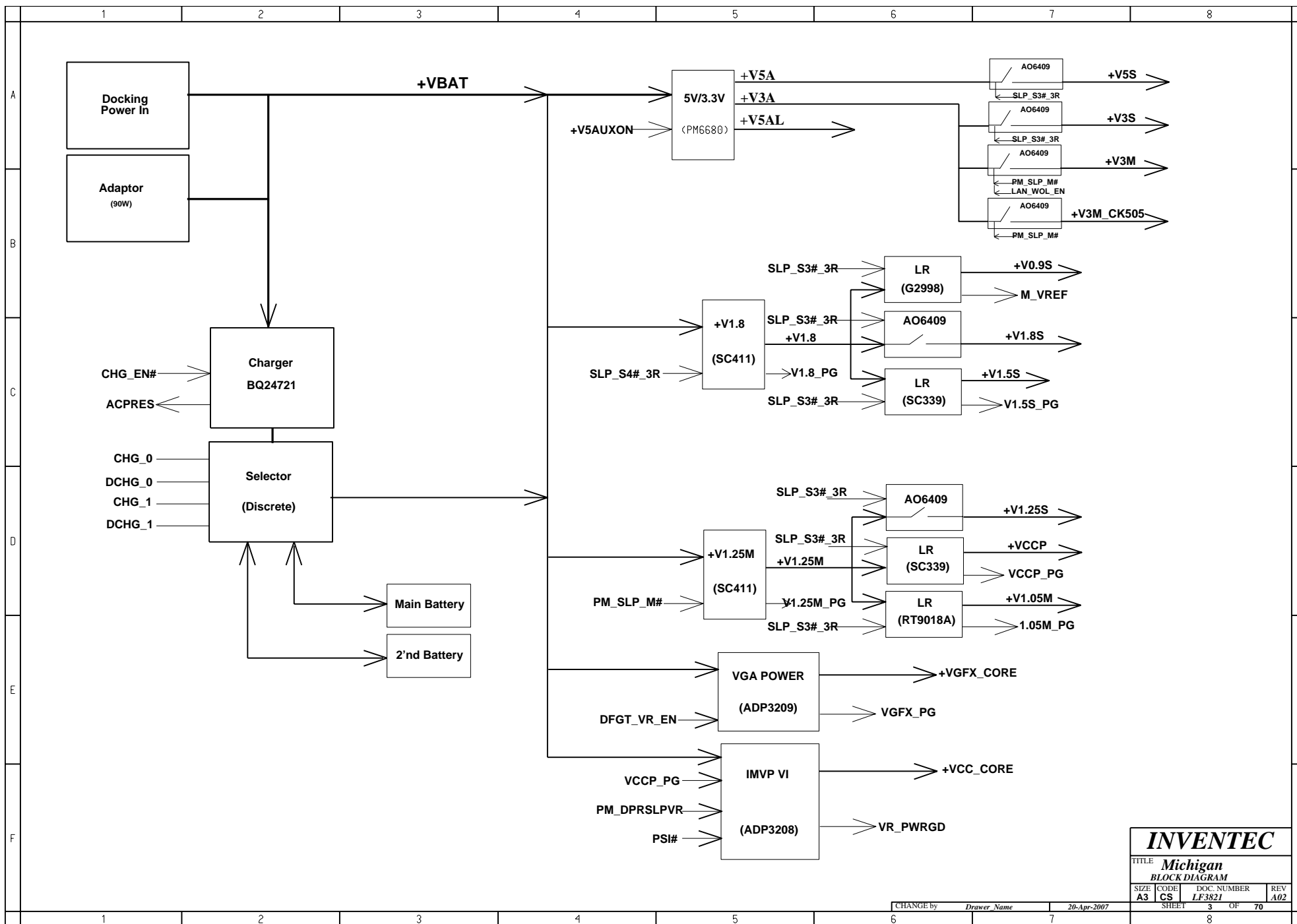
# MICHIGAN

PAGE		PAGE		PAGE	
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2	SYSTEM BLOCK DIAGRAM	28	DDR II DAMPING	54	AUDIO CODEC
3	POWER BLOCK DIAGRAM	29	BLANK	55	AUDIO AMP & JACK
4	DC & BATTERY CHARGER	30	SDVO TO DVI	56	MINI CARD & SIM CARD SOCKET
5	BATTERY CONN & SELECT	31	CRT CONNECTOR	57	DOCKING CONNECTOR
6	SYSTEM POWER (+V3A / +V5A)	32	LCD CONNECTOR I/F	58	SCREW AND HOLE
7	CPU POWER (+VCC_CORE)	33	TV-OUT SWITCH & CONNECTOR	59	1394 CONTROLLER
8	SYSTEM POWER (+VCCP / +V1.5S)	34	ICH8 (1/5)	60	MB TO OTHER BOARD
9	SYSTEM POWER (+V1.8 / +VGAVCC)	35	ICH8 (2/5)	61	FINGERPRINT BOARD
10	SYSTEM POWER	36	ICH8 (3/5)	62	USB CONNECTOR
11	SYSTEM POWER	37	ICH8 (4/5)	63	HOTKEY BOARD
12	SYSTEM POWER	38	ICH8 (5/5)	64	MDC I/F & RJ11 & BLUETOOTH CONN.
13	CLOCK GENERATOR	39	HDD CONNECTOR & MULTI_BAY POWER	65	TOUCH PAD BUTTON BOARD
14	BLANK	40	MULTI_BAY CONNECTOR	66	MULTI-BAY ODD BOARD
15	MEROM (1/4)	41	LAN CONTROLLER	67	LED & SWITCH
16	MEROM (2/4)	42	LAN SWITCH	68	BLANK
17	MEROM (3/4)	43	RJ45 & RJ11 CONNECTOR	69	TCPA
18	MEROM (4/4)	44	KBC CONTROLLER	70	ROBSON BOARD
19	CRESTLINE (1/7)	45	SUPER I/O CONTROLLER & BIOS	71	
20	CRESTLINE (2/7)	46	THERMAL SENSOR & FAN	72	
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23	CRESTLINE (5/7)	49	EXPRESS CARD CONNECTOR	75	
24	CRESTLINE (6/7)	50	5 IN 1 CONTROLLER	76	
25	CRESTLINE (7/7)	51	SMART CARD & 5 IN 1 CONN.	77	
26	DDR II CONNECTOR (DIMM 0)	52	CARDBUS CONTROLLER		

DATE	CHANGE NO.	REV

DRAWN	EE	DATE	POWER	DATE	<b>INVENTEC</b> TITLE <i>Michigan</i>
DESIGN					
CHECK					
RESPONSIBLE					
SIZE =	3	VER :			SIZE <b>A3</b> CODE <b>CS</b> DOC. NUMBER <b>LF3821</b> REV <b>A02</b>
FILE NAME :	XXXX-XXXXXX-XX				SHEET 1 OF 70
P/N	XXXXXXXXXXXX				





**INVENTEC**

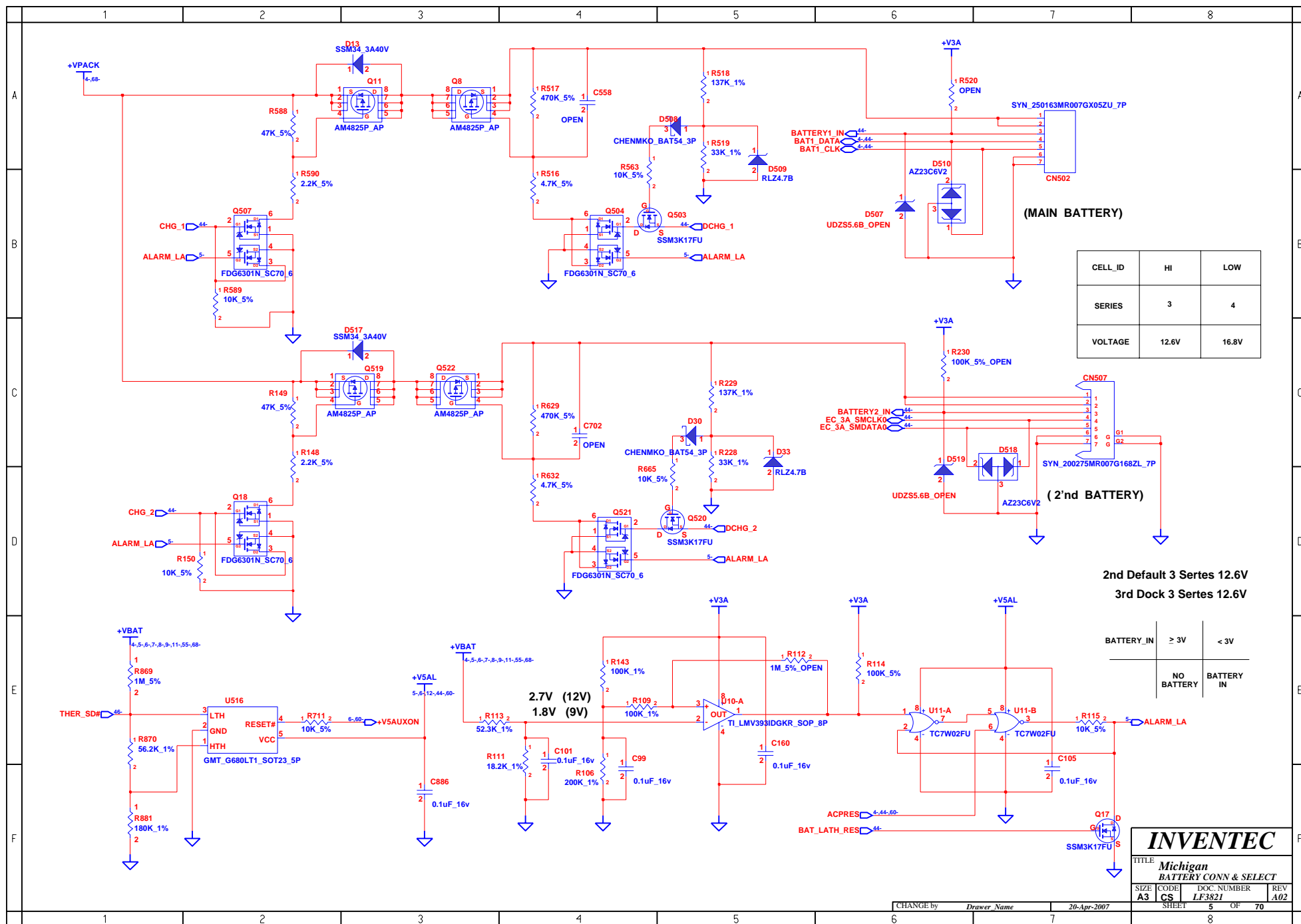
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BLOCK DIAGRAM

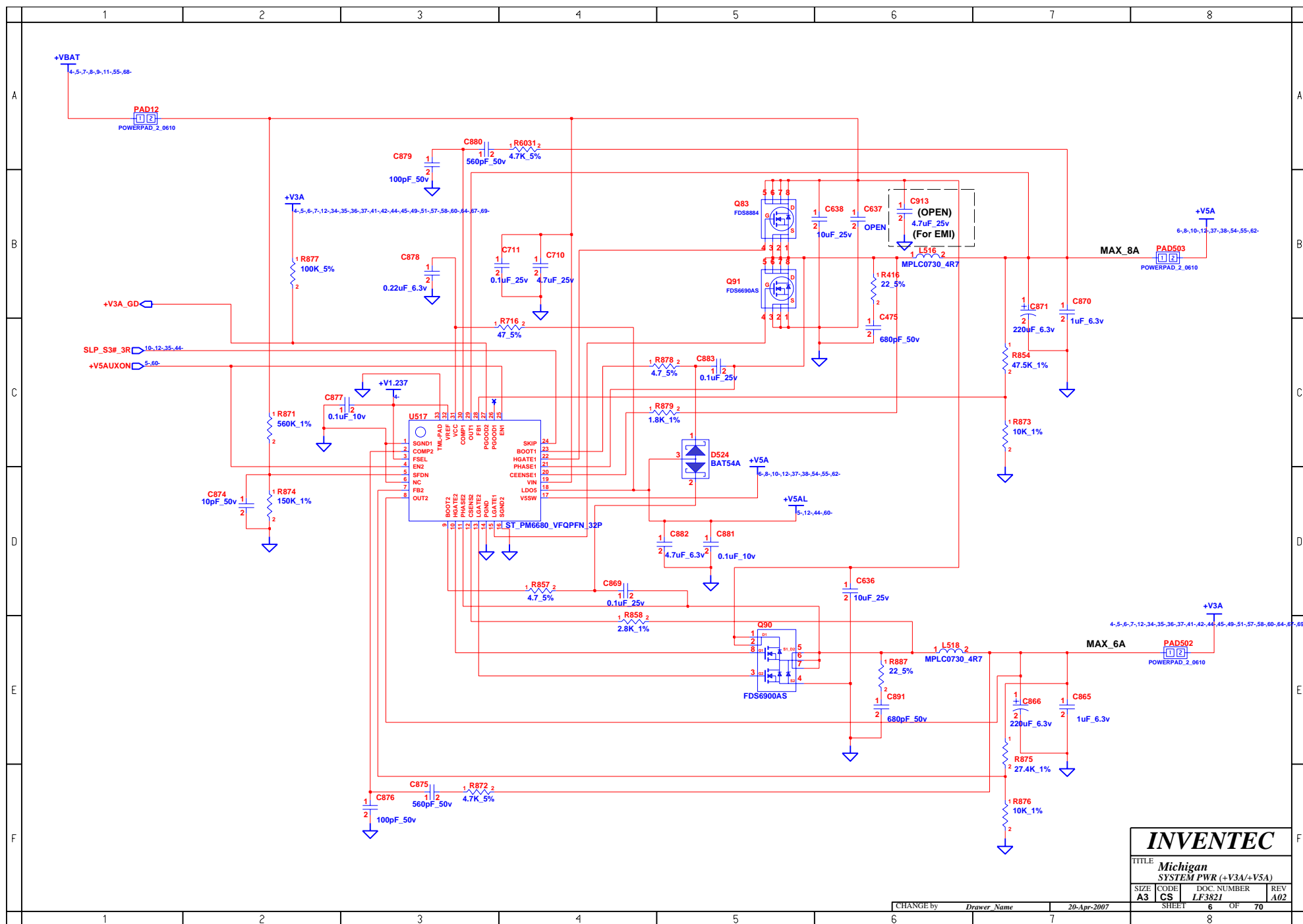
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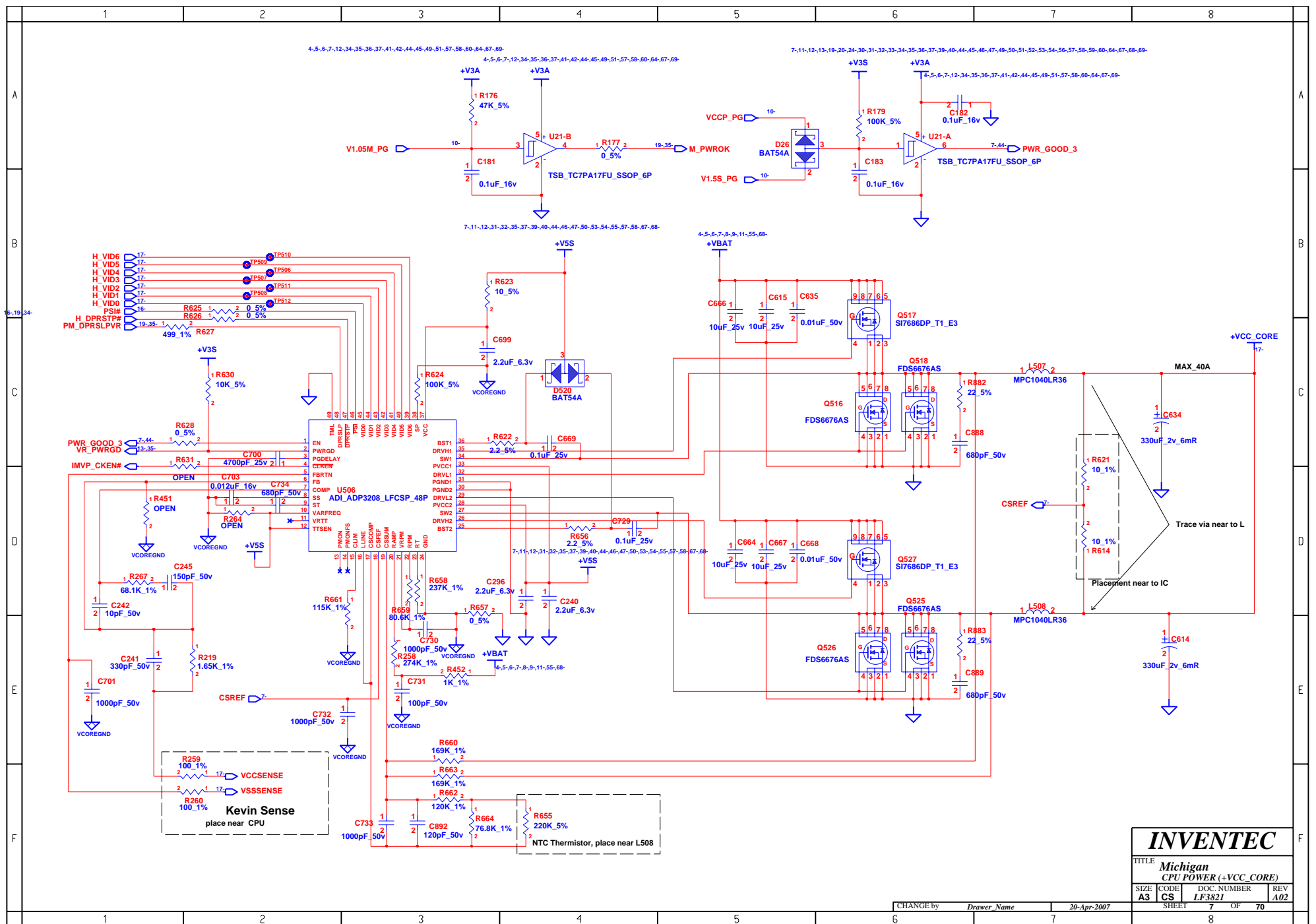
CHANGE by *Drawer Name* 20-Apr-2007

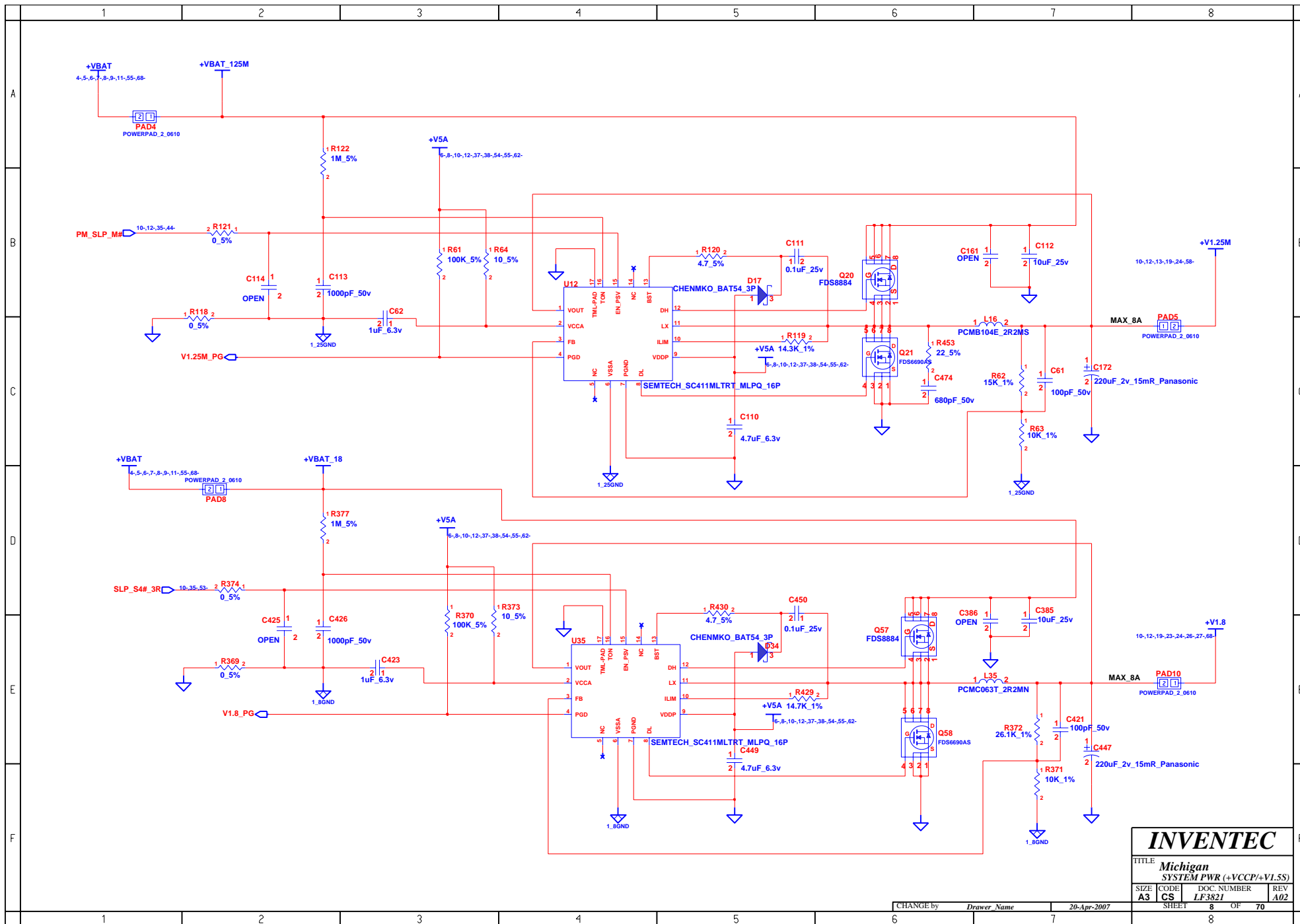
SHEET 3 OF 70



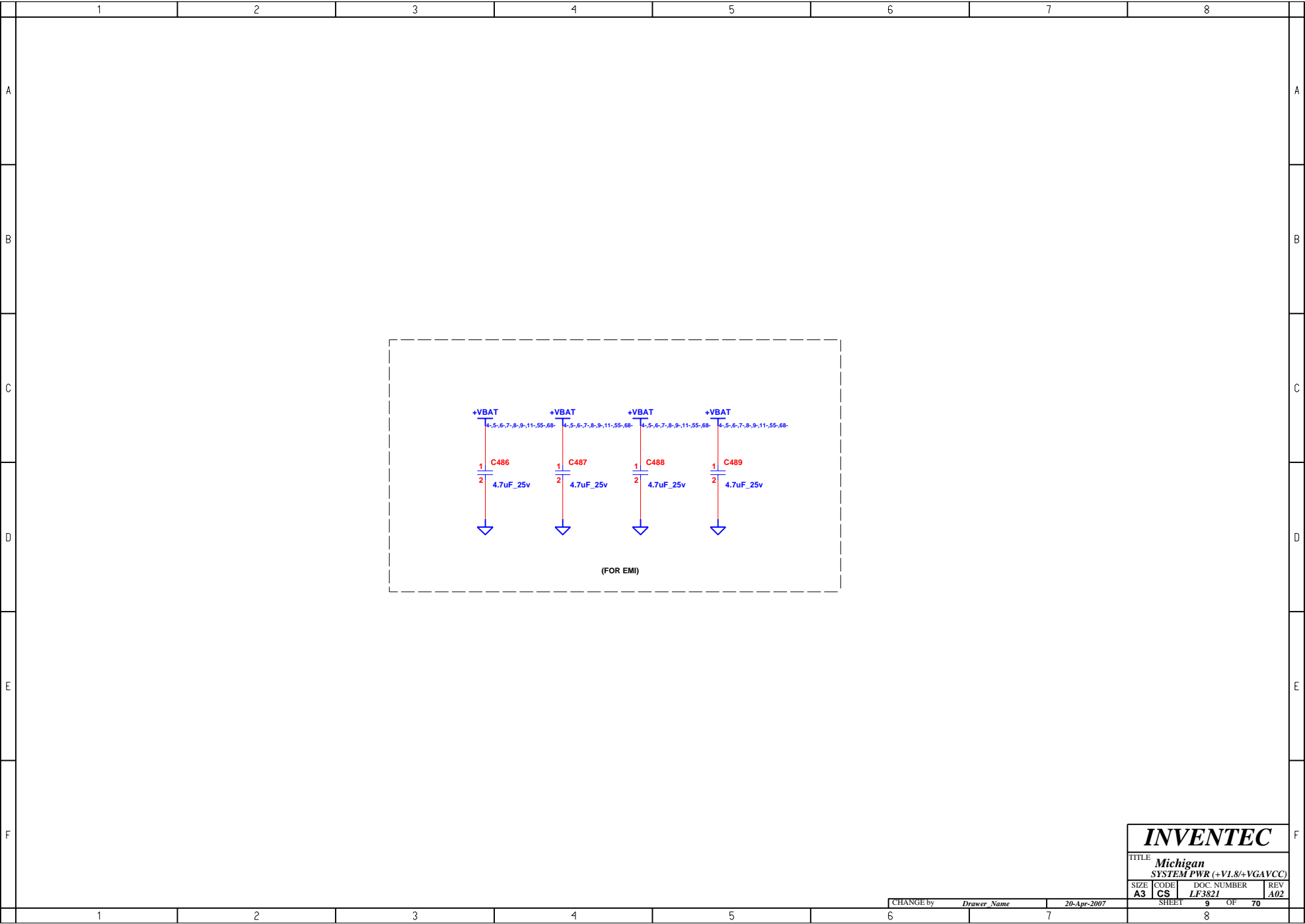




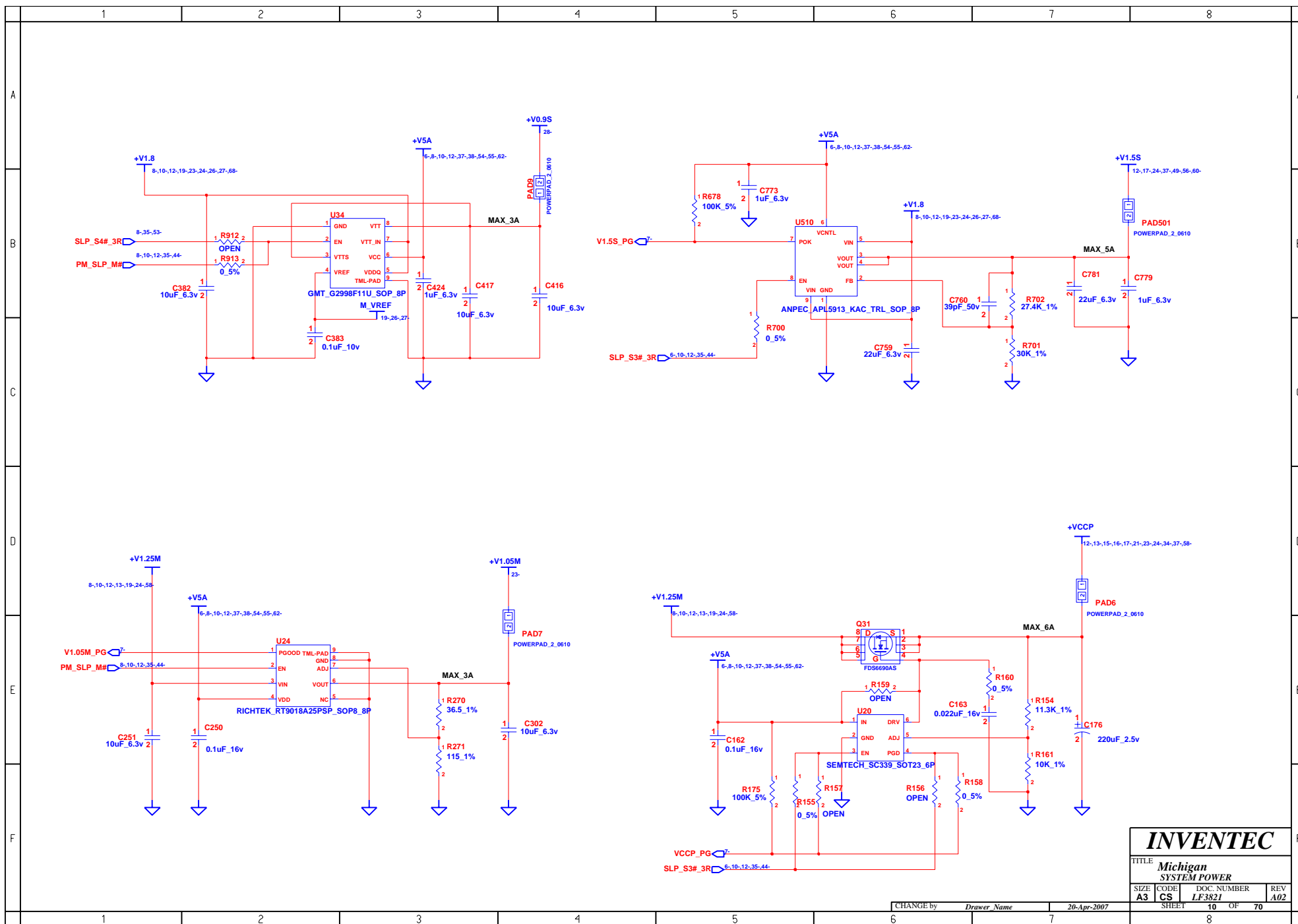








<b>INVENTEC</b>			
TITLE <i>Michigan</i>			
SYSTEM PWR (+VL8/+VGAVCC)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02



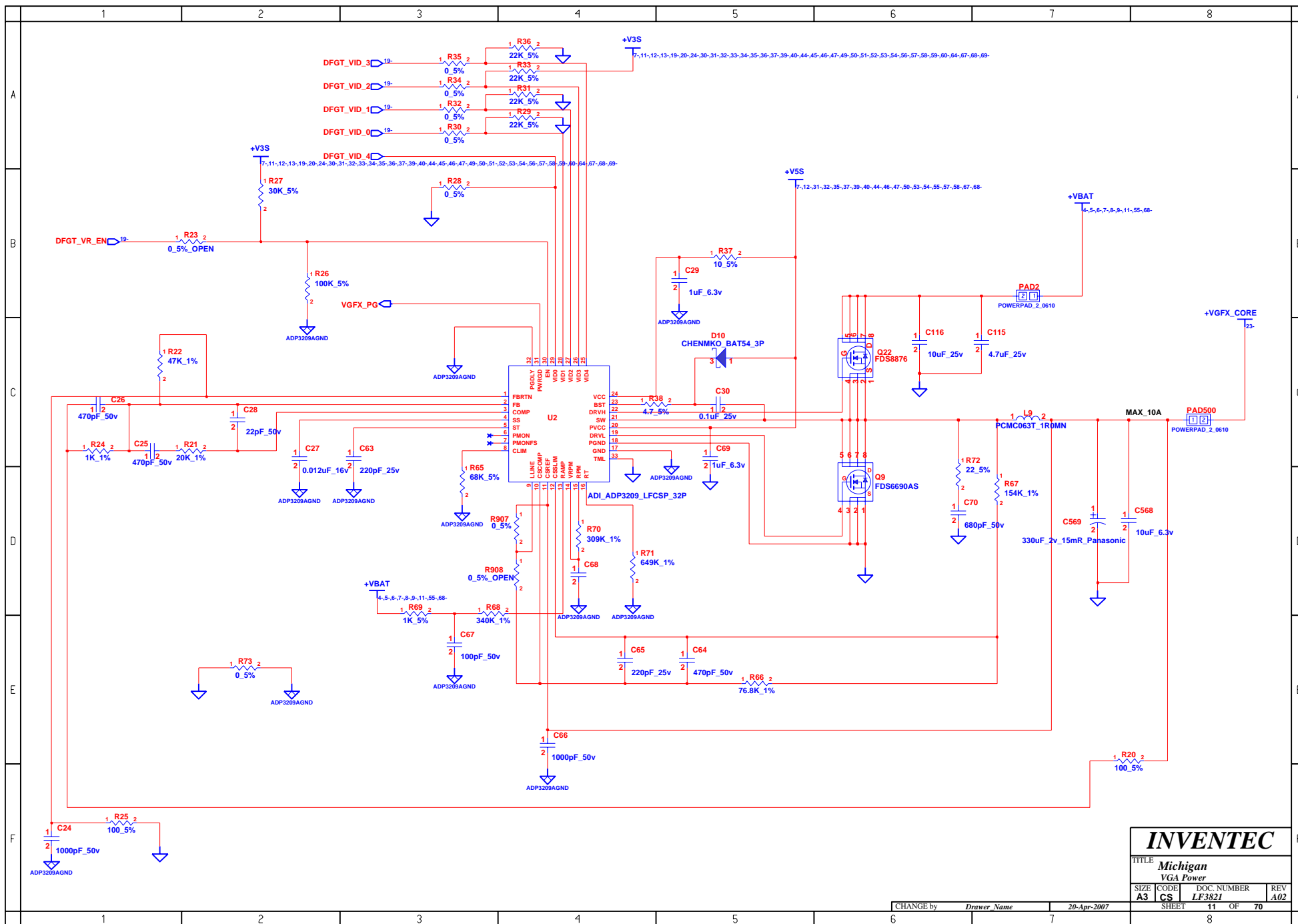
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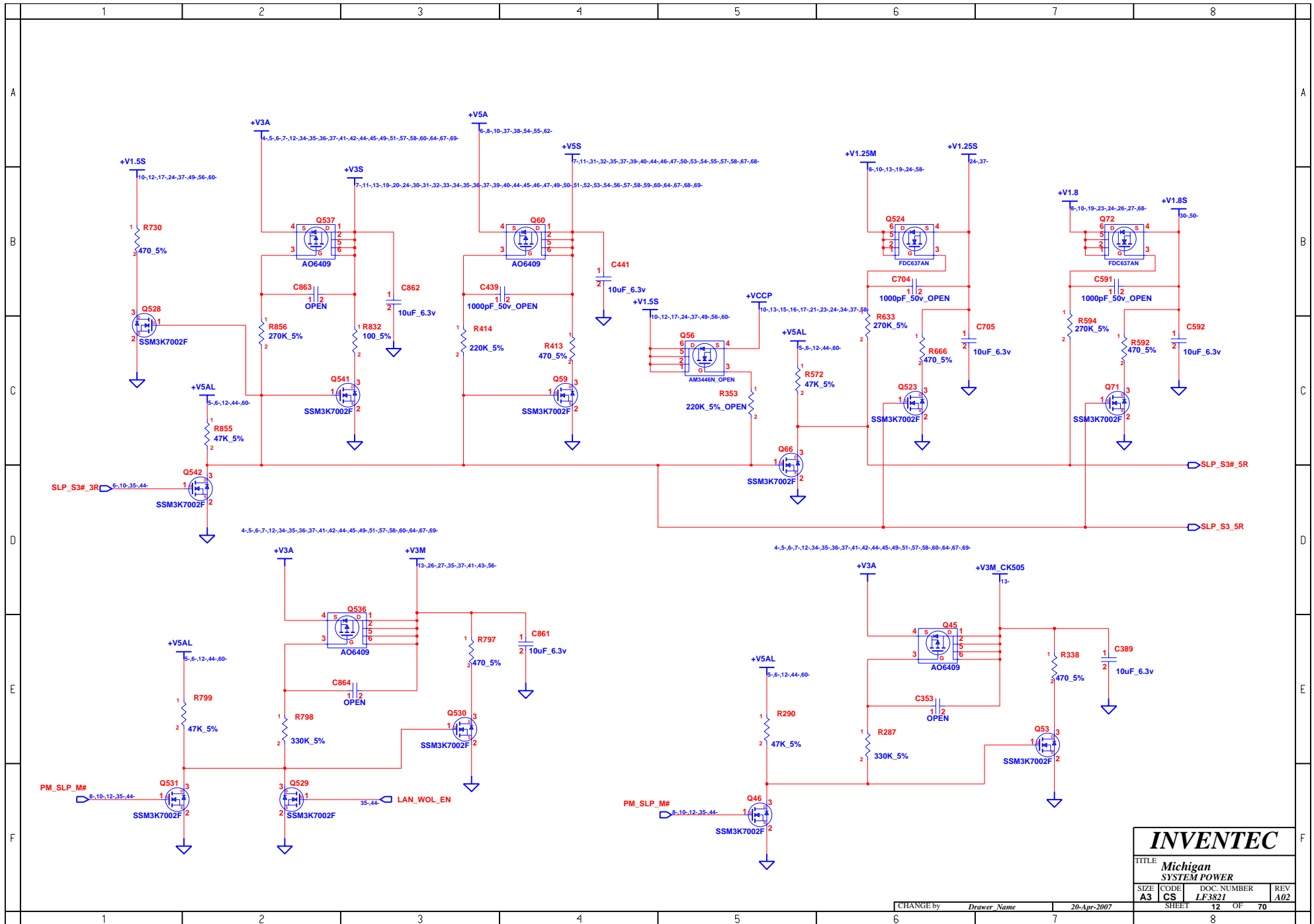
TITLE  
**Michigan  
SYSTEM POWER**

SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>LF3821</b>	REV <b>A02</b>
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CHANGE by *Drawer Name* 20-Apr-2007

SHEET 10 OF 70



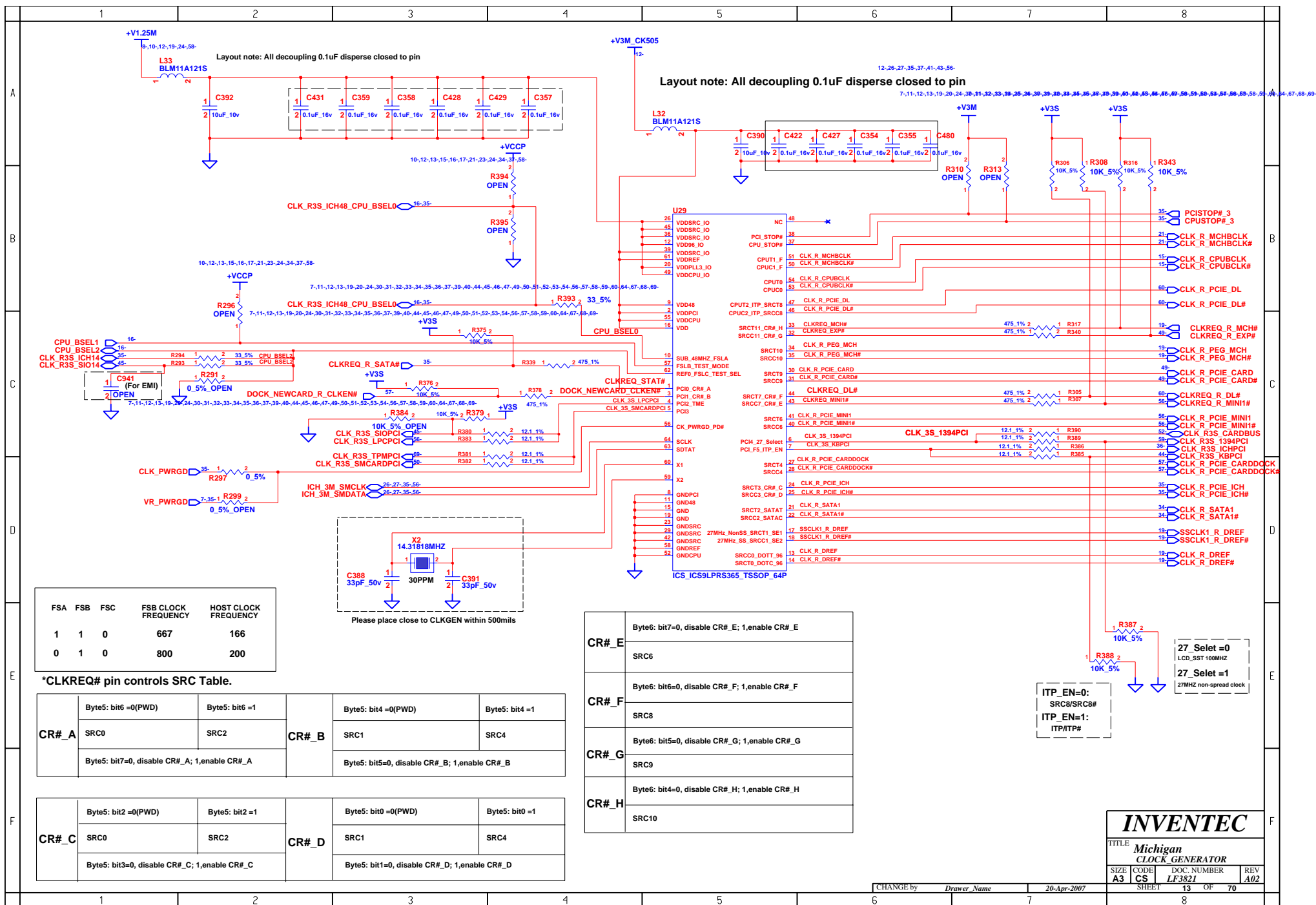


**INVENTEC**

TITLE			
Michigan SYSTEM POWER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

CHANGE by *Drawer Name* 20-Apr-2007

SHEET 12 OF 70



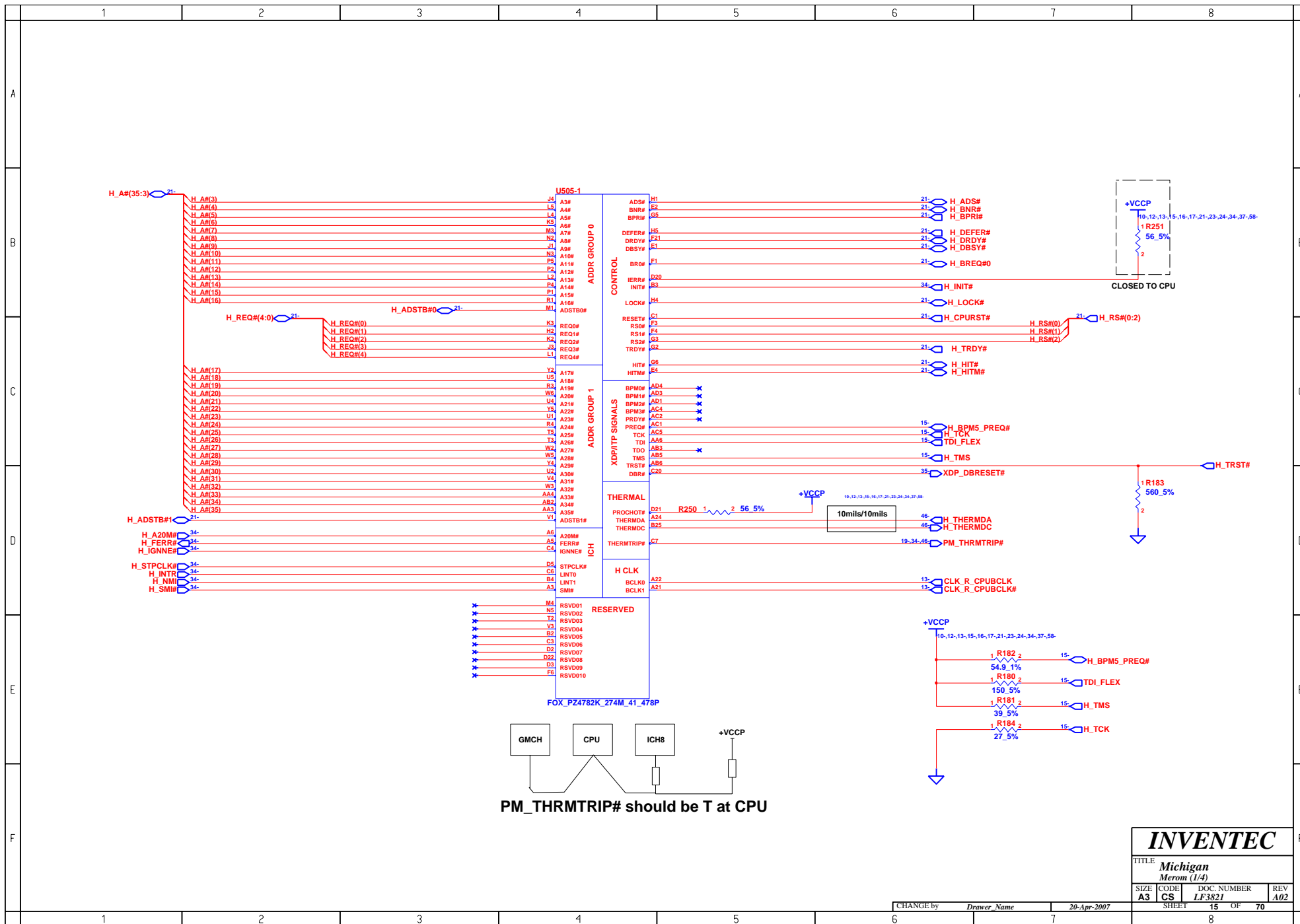
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B									B
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E									E
F									F
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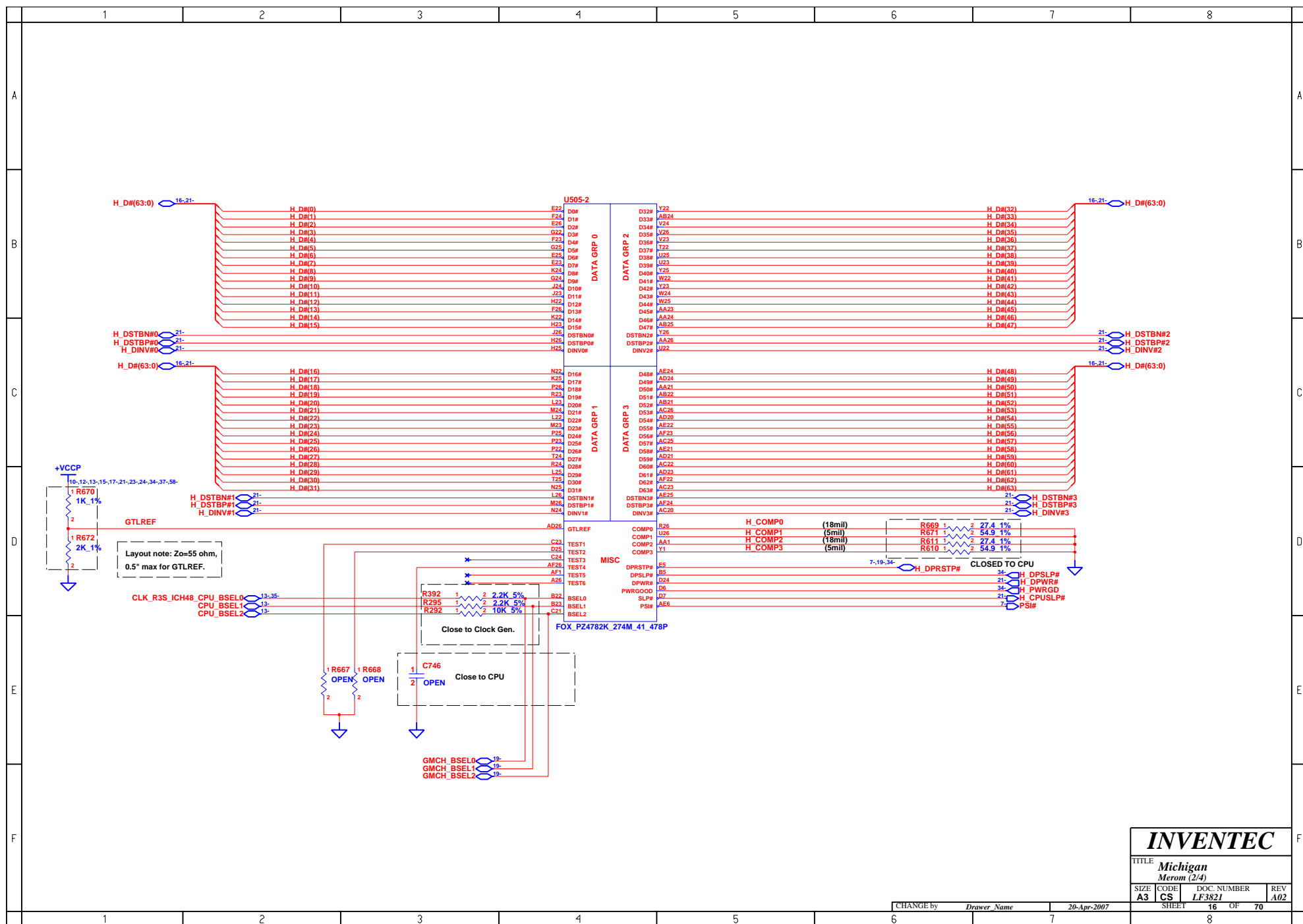
INVENTEC

TITLE			
Michigan CLK GEN BUFFER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

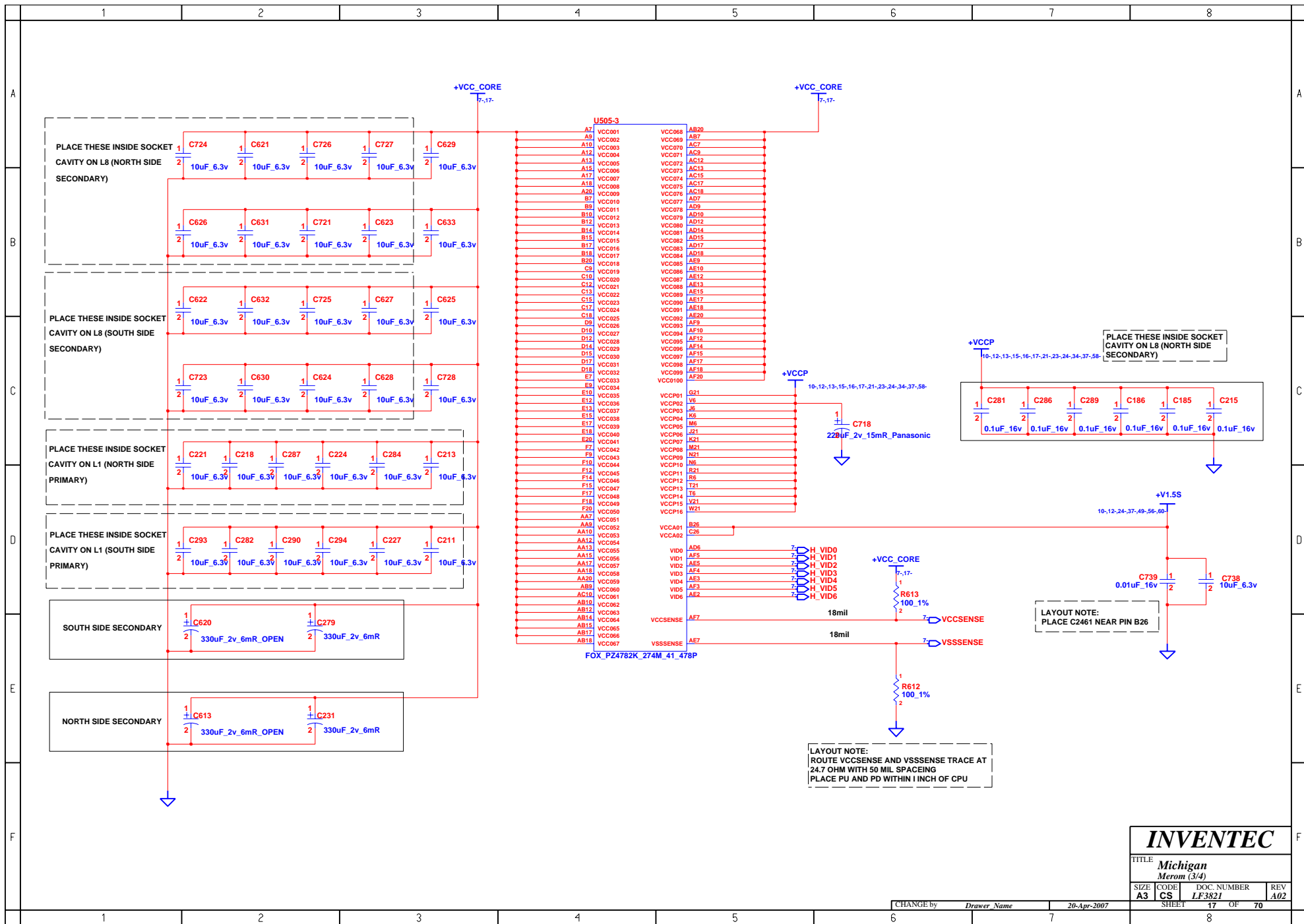
CHANGE by *Drawer Name* 20-Apr-2007

SHEET 14 OF 70









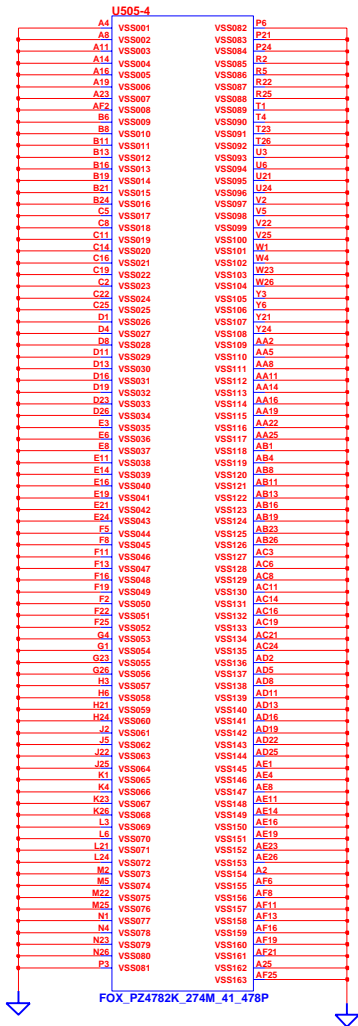
# INVENTEC

TITLE			
Michigan Merom (3/4)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

CHANGE by *Drawer Name* 20-Apr-2007

SHEET 17 OF 70

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

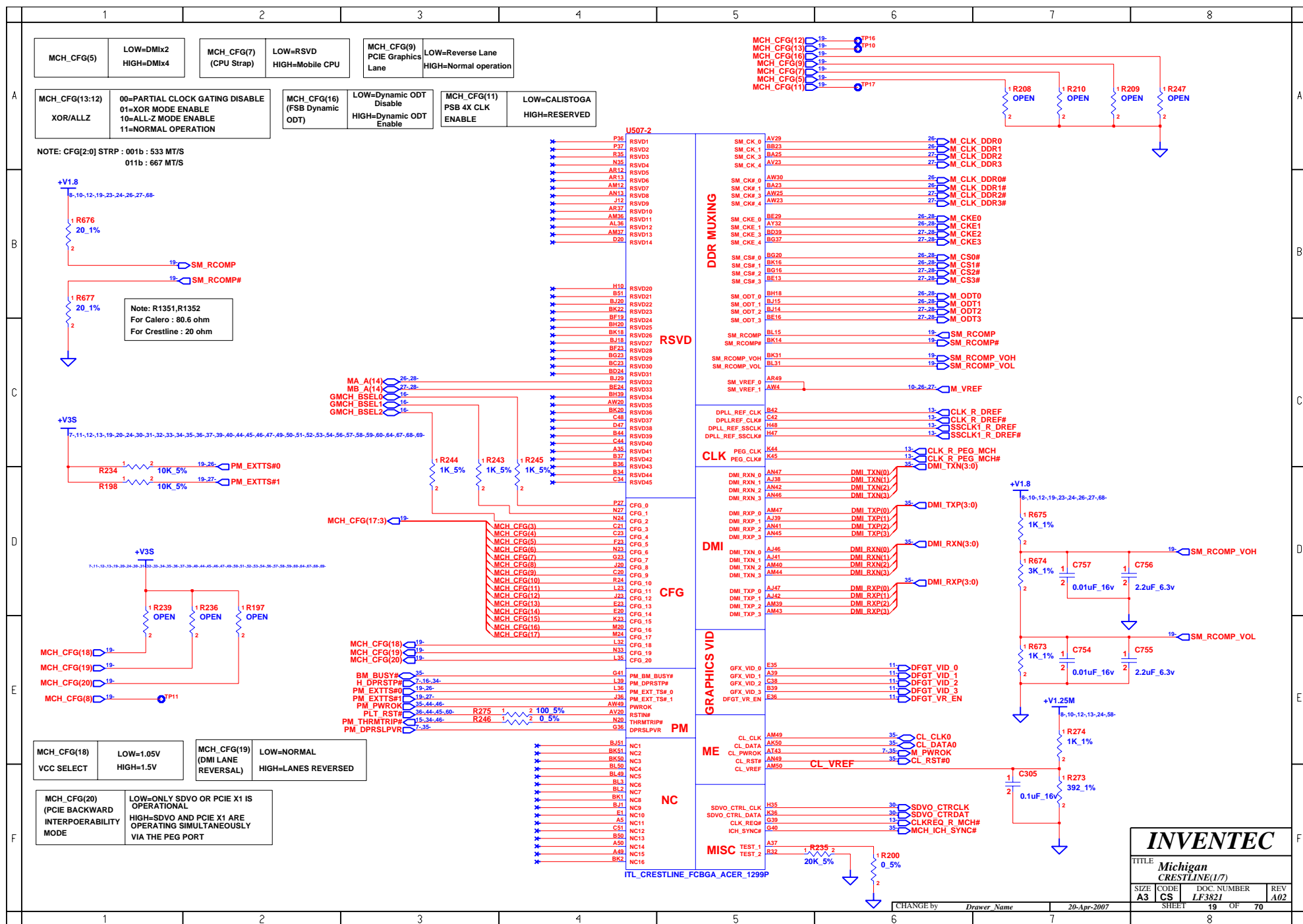


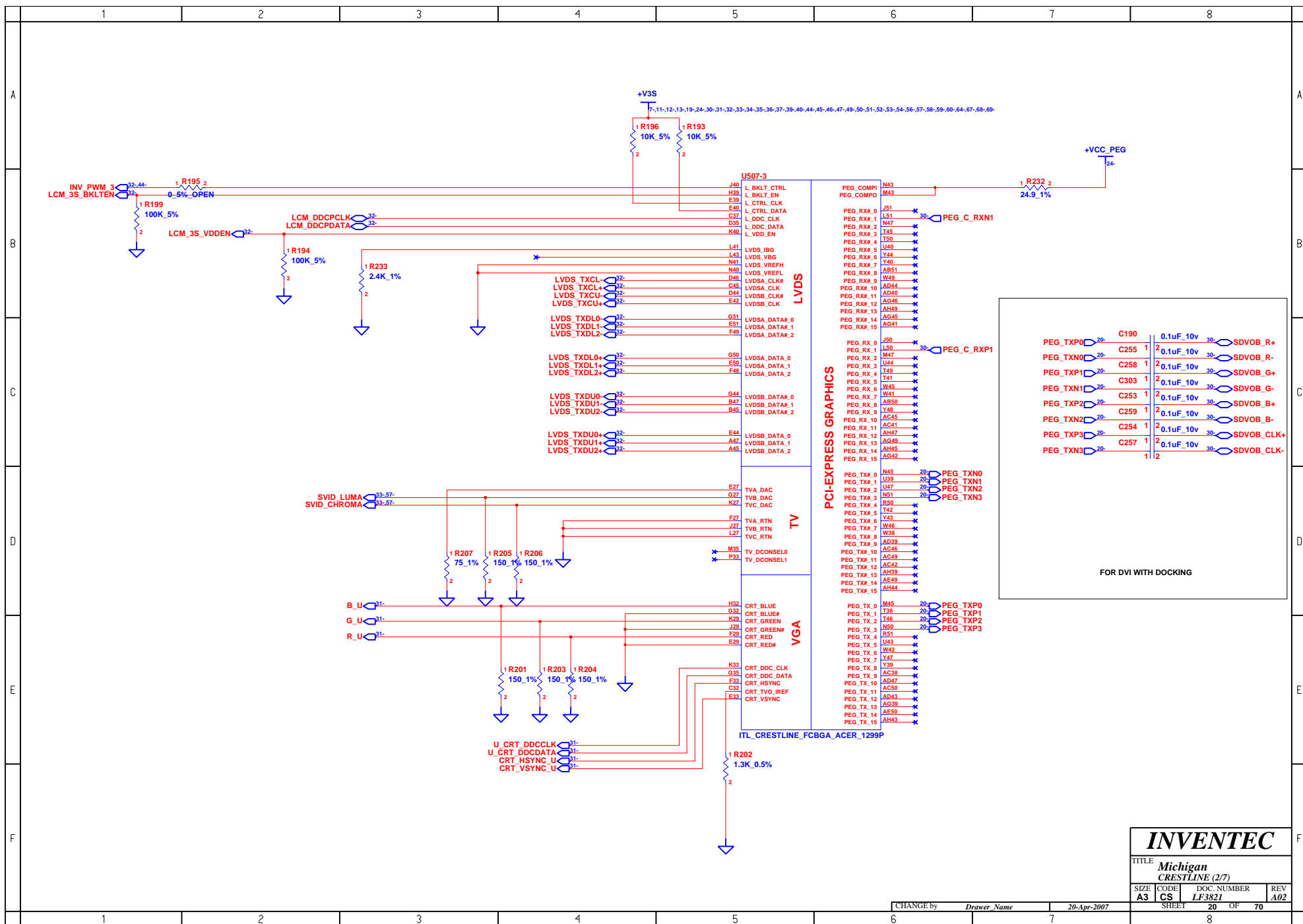
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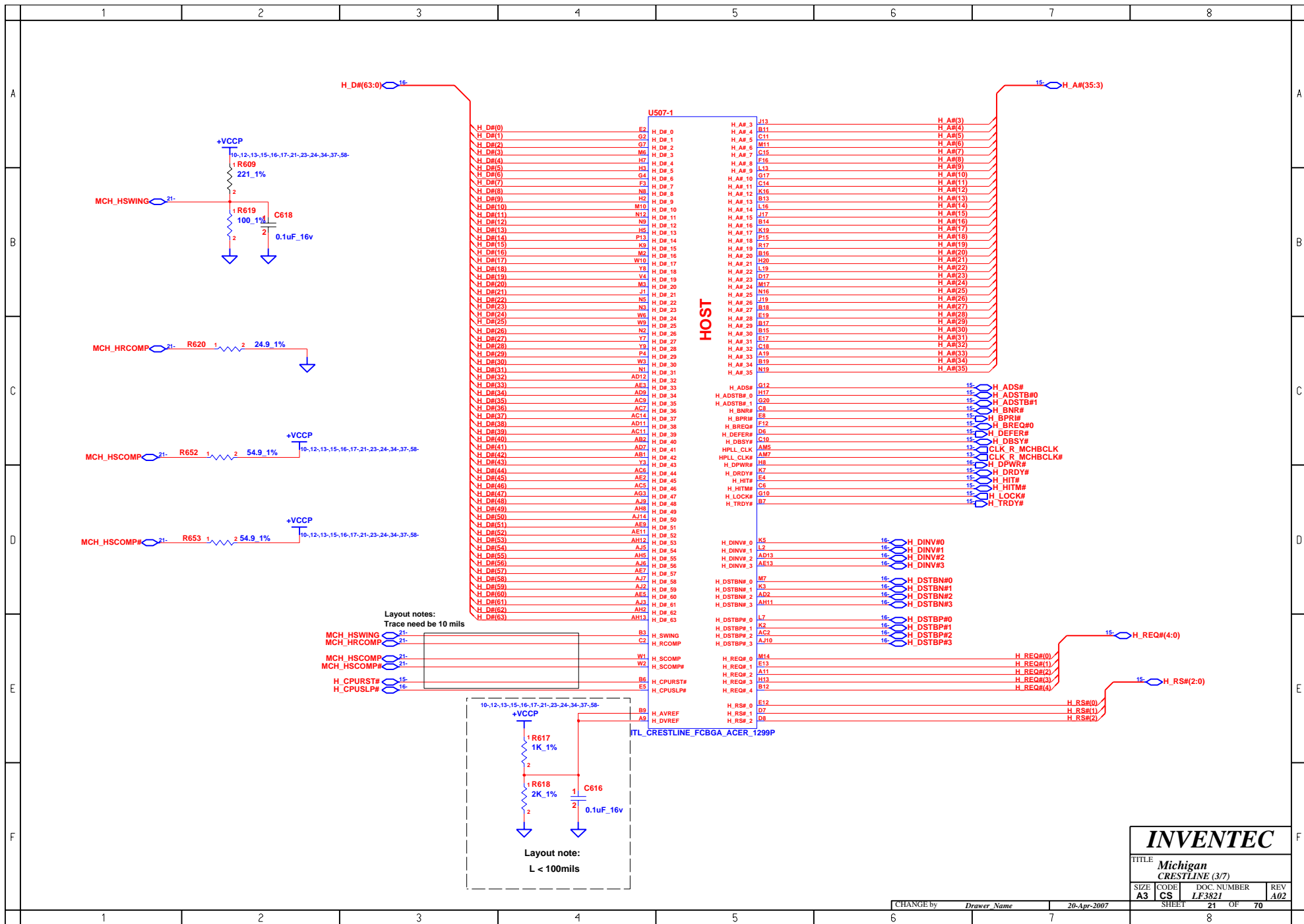
TITLE <i>Michigan Merom (4/4)</i>			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <i>LF3821</i>	REV <b>A02</b>

CHANGE by *Drawer Name* 20-Apr-2007

SHEET 18 OF 70







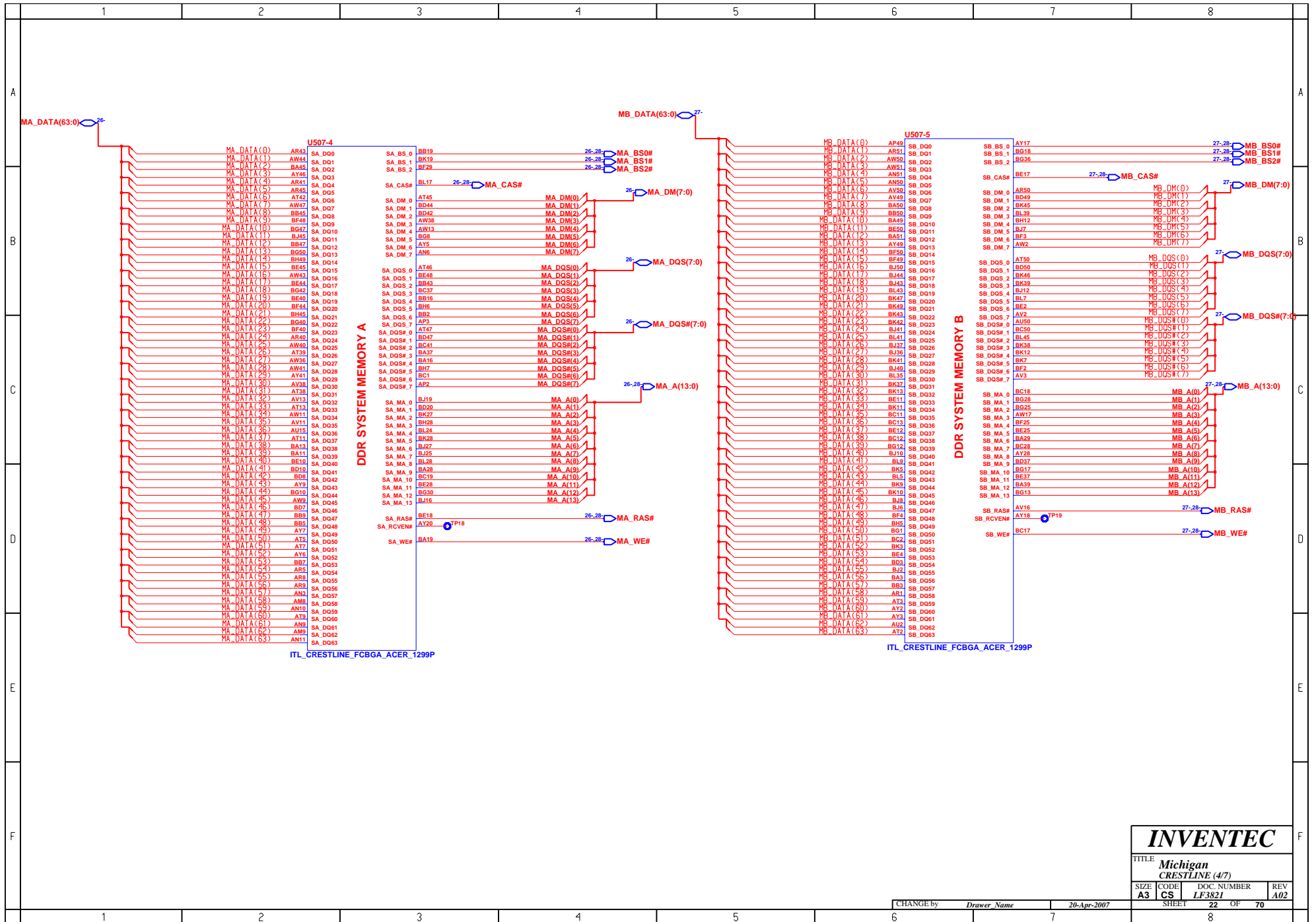
**INVENTEC**

TITLE  
**Michigan  
CRESTLINE (3/7)**

SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>LF3821</b>	REV <b>A02</b>
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CHANGE by *Drawer Name* 20-Apr-2007

SHEET 21 OF 70

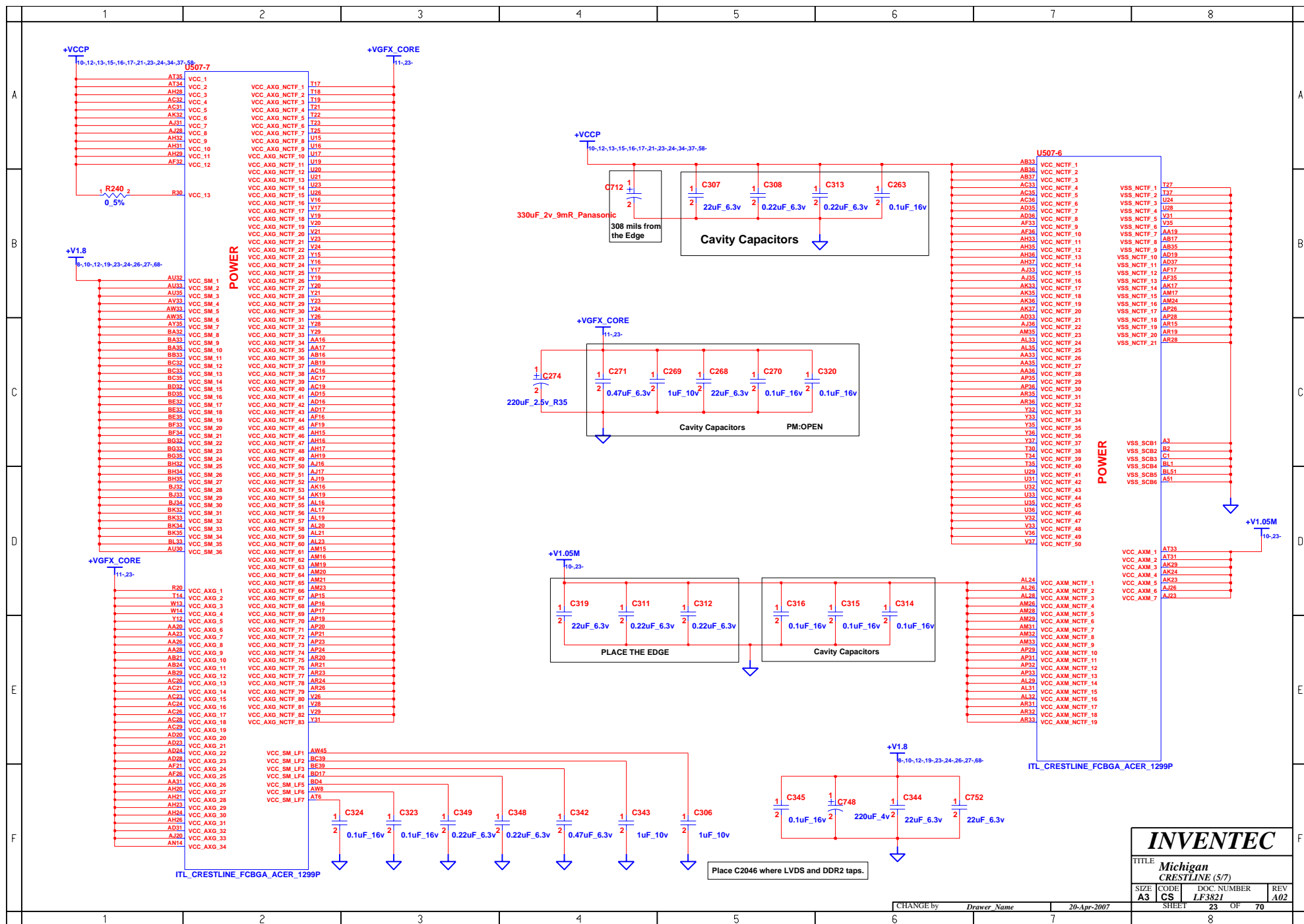


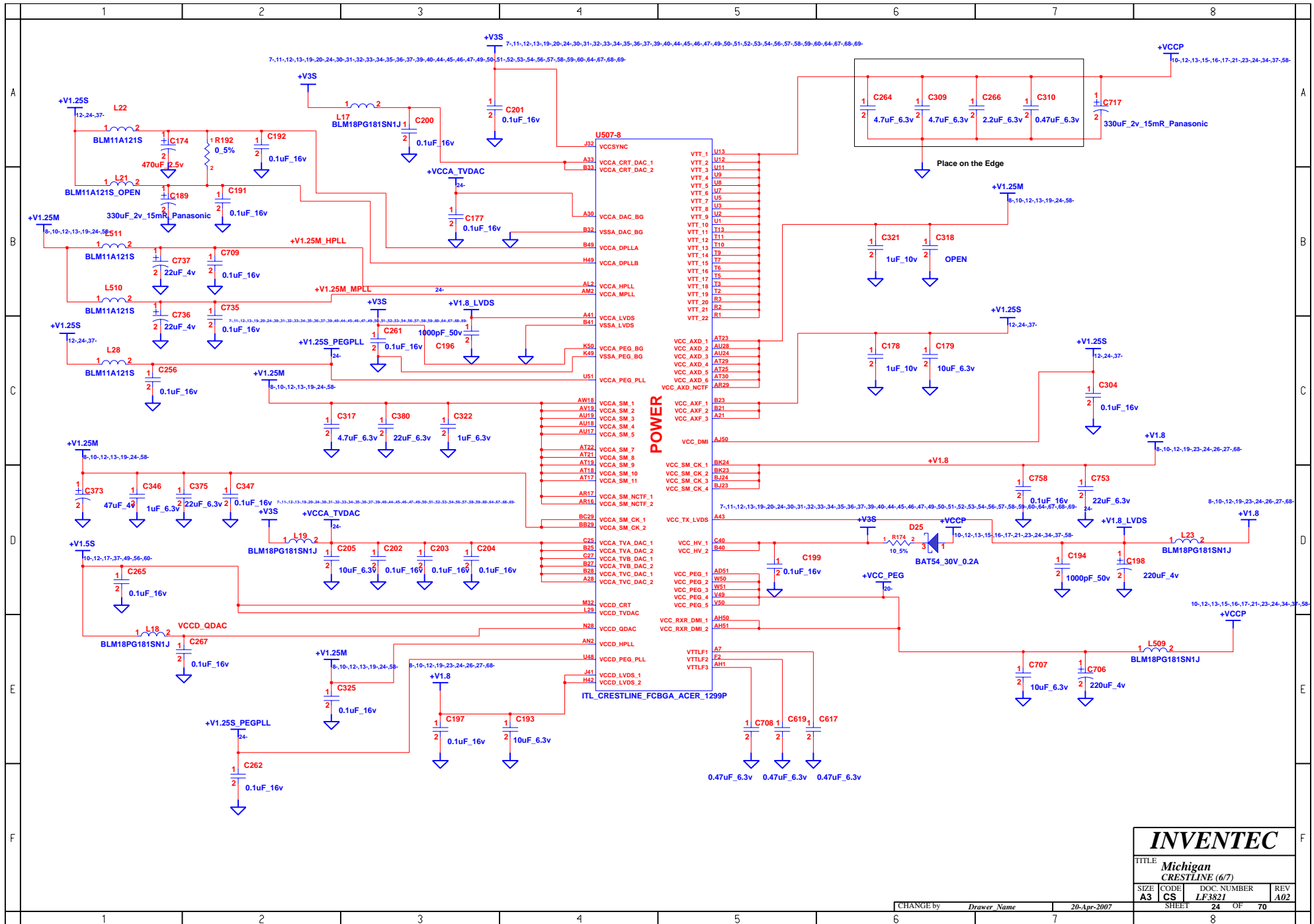
**INVENTEC**

TITLE			
Michigan CRESTLINE (4/7)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

CHANGE by *Drawer Name* 20-Apr-2007

SHEET 22 OF 70

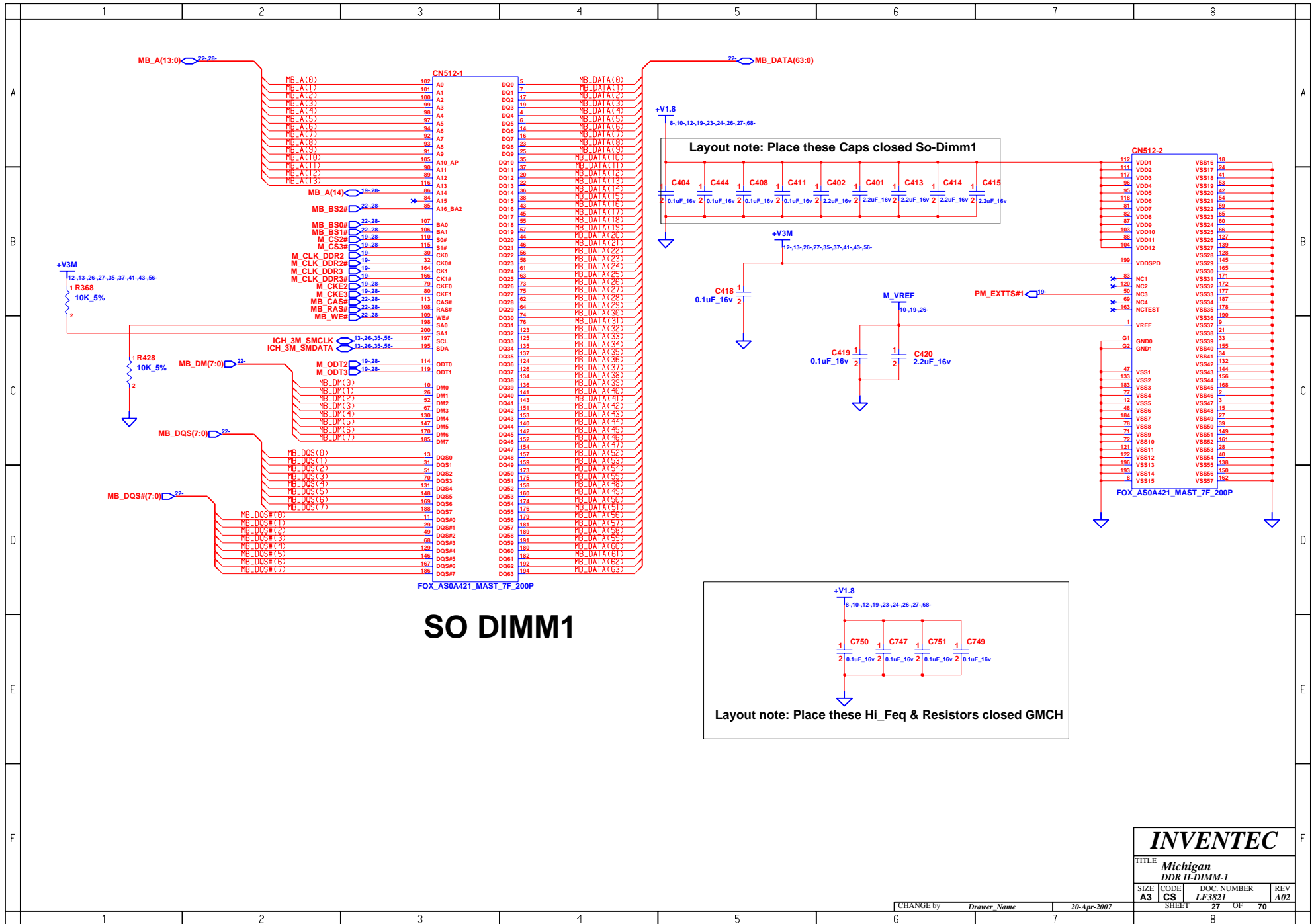


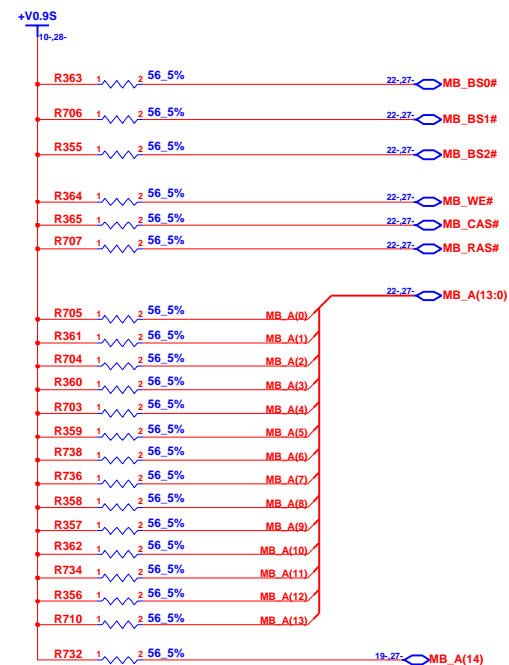












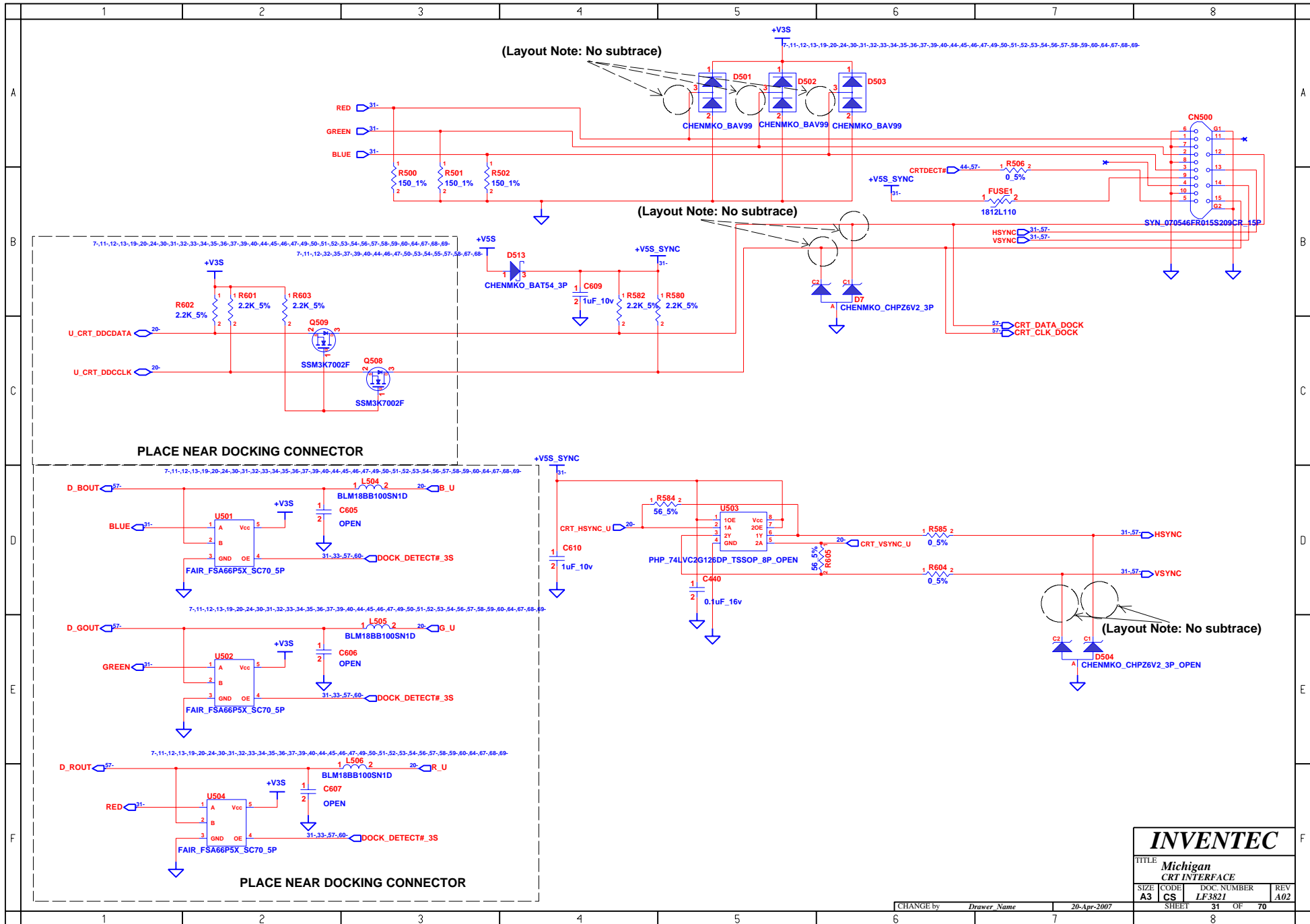
TITLE			
<i>Michigan</i> <i>DDR II-DAMPING</i>			
SIZE	CODE	DOC. NUMBER	REV
<b>A3</b>	<b>CS</b>	<b>LF3821</b>	<b>A02</b>
SHEET 28 OF 70			

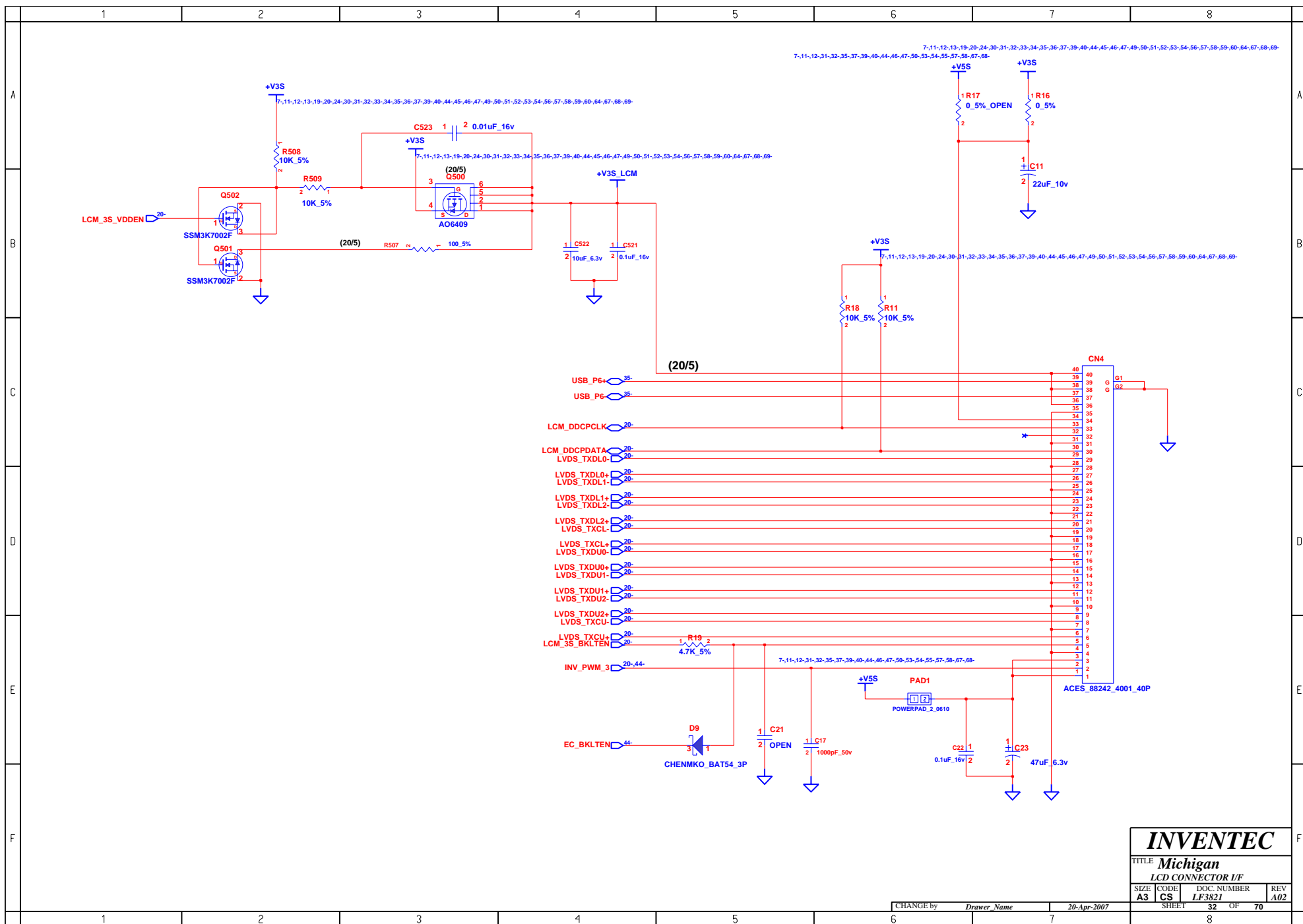
CHANGE by	<i>Drawer Name</i>	20-Apr-2007
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B									B
C									C
D									D
E									E
F									F
	1	2	3	4	5	6	7	8	

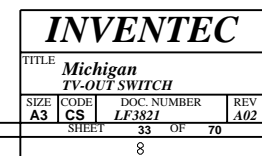
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TITLE <i>Michigan</i>			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <i>LF3821</i>	REV <i>A02</i>
CHANGE by <i>Drawer Name</i>		20-Apr-2007	
SHEET		29	OF 70

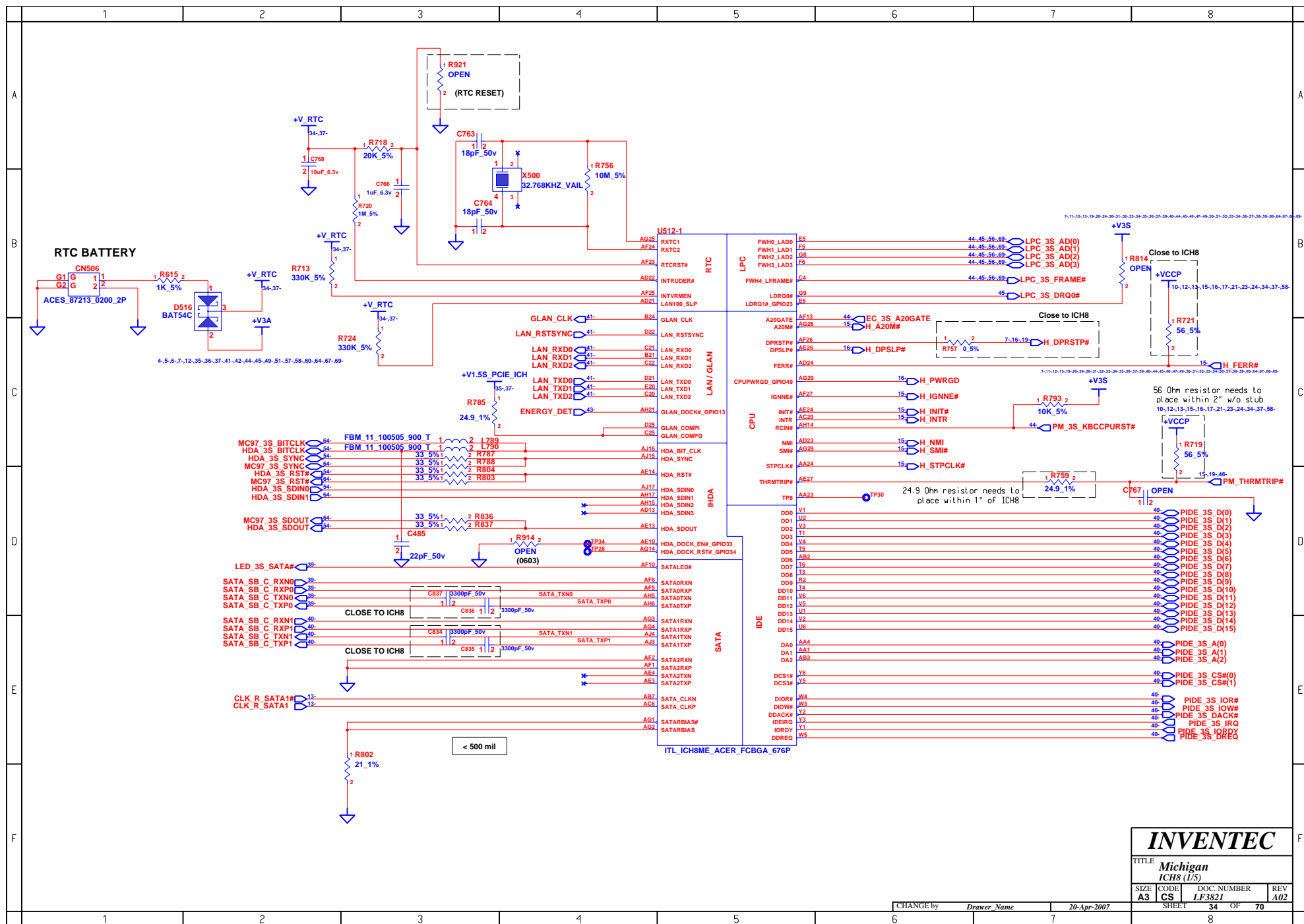


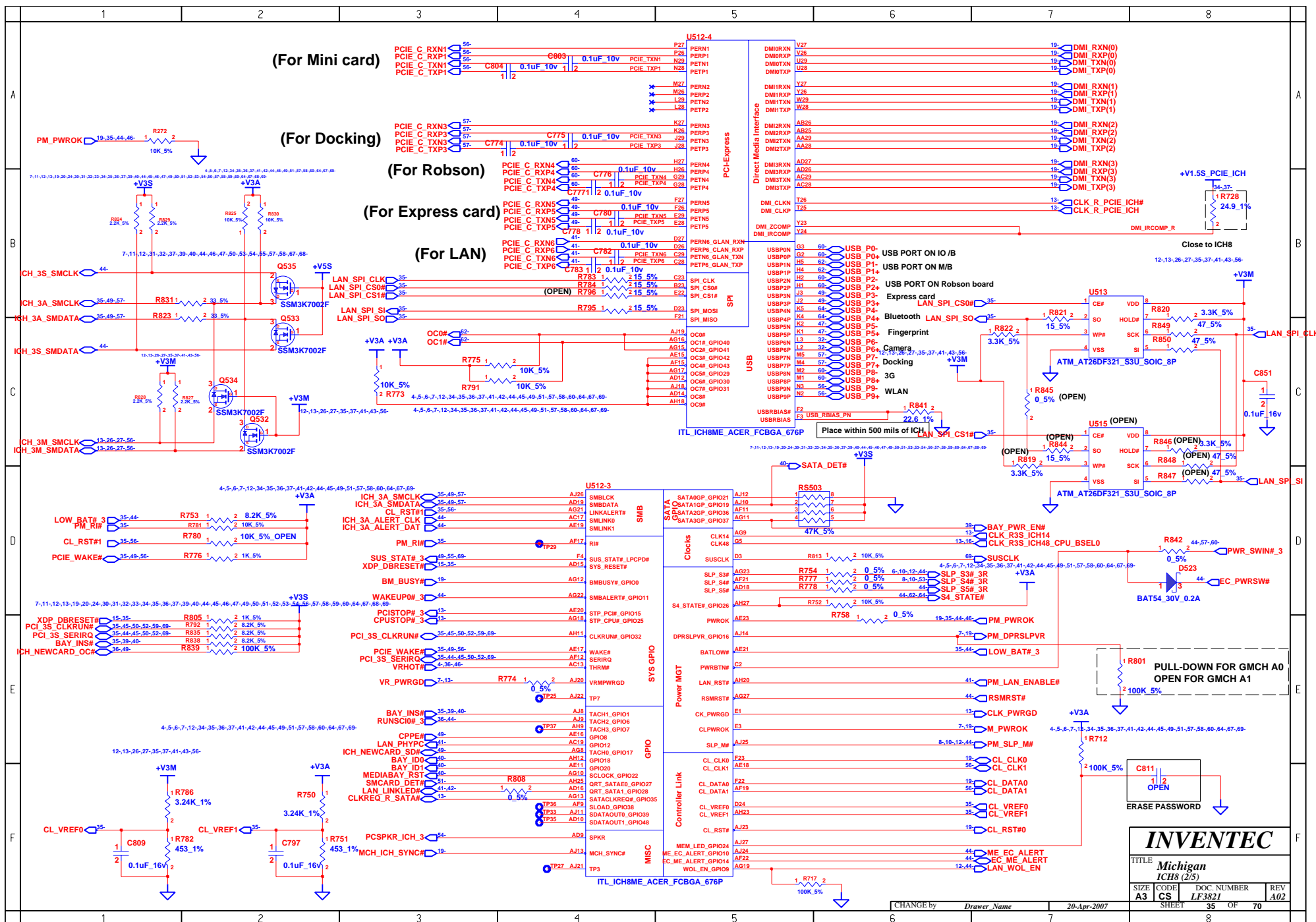


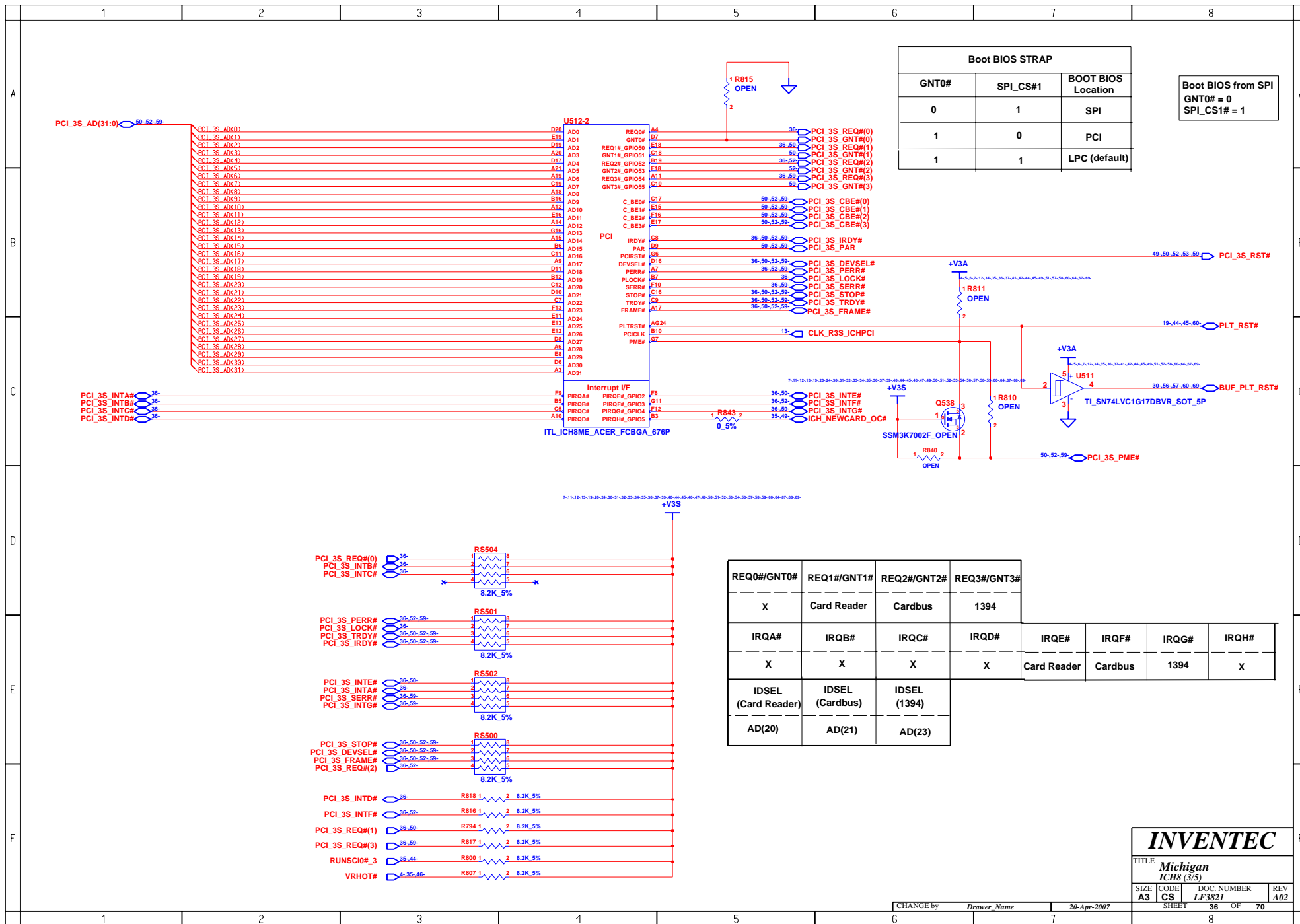


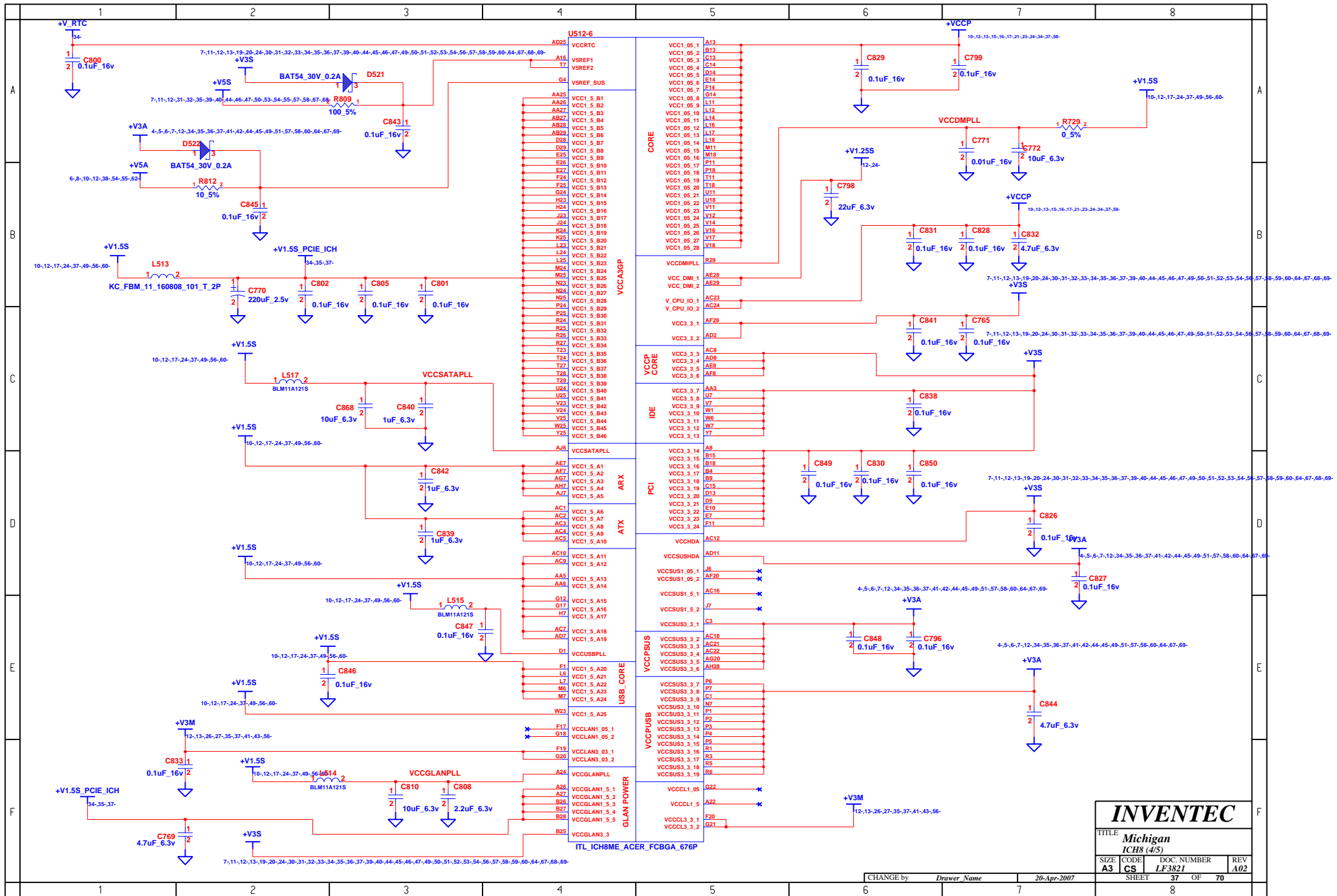












INVENTEC

TITLE

Michigan

ICH8 (4/5)

SIZE

A3

CODE

CS

DOC. NUMBER

LF3821

REV

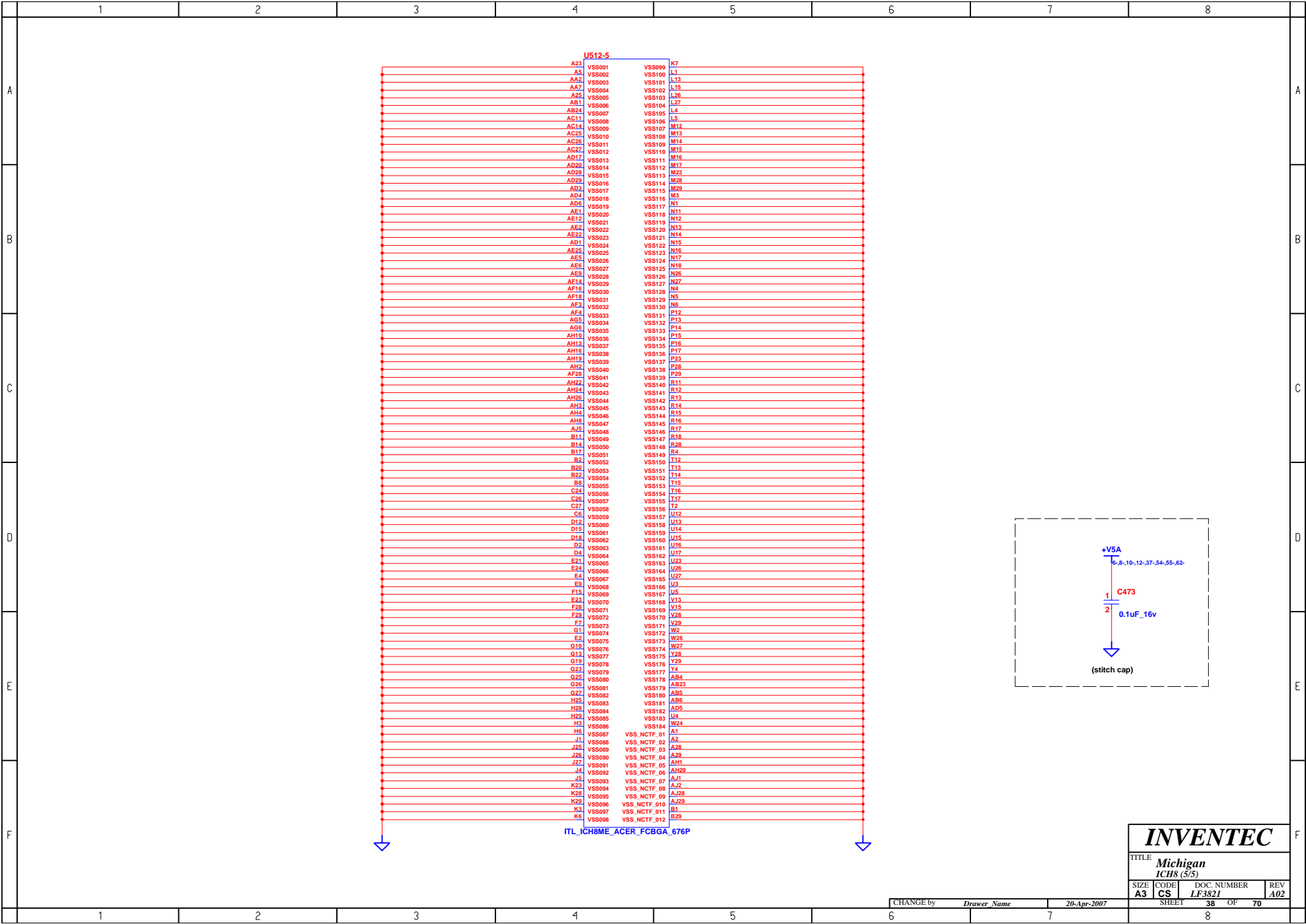
A02

SHEET

37

OF

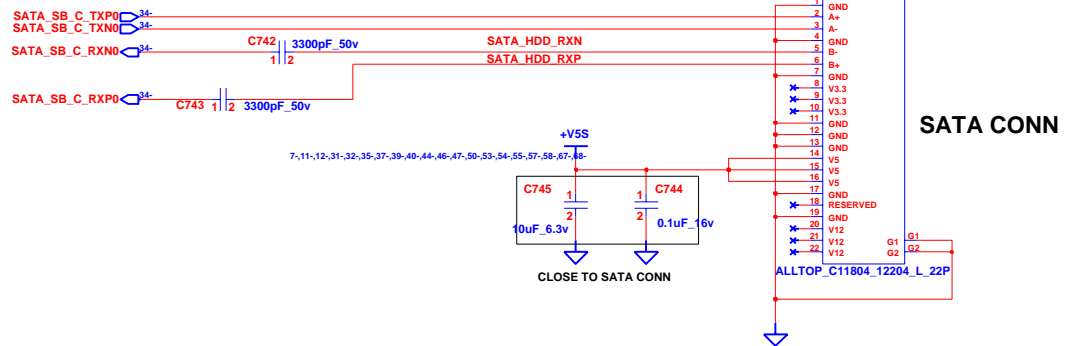
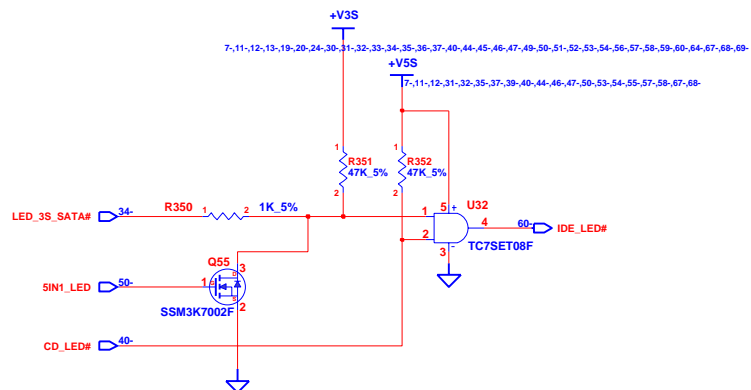
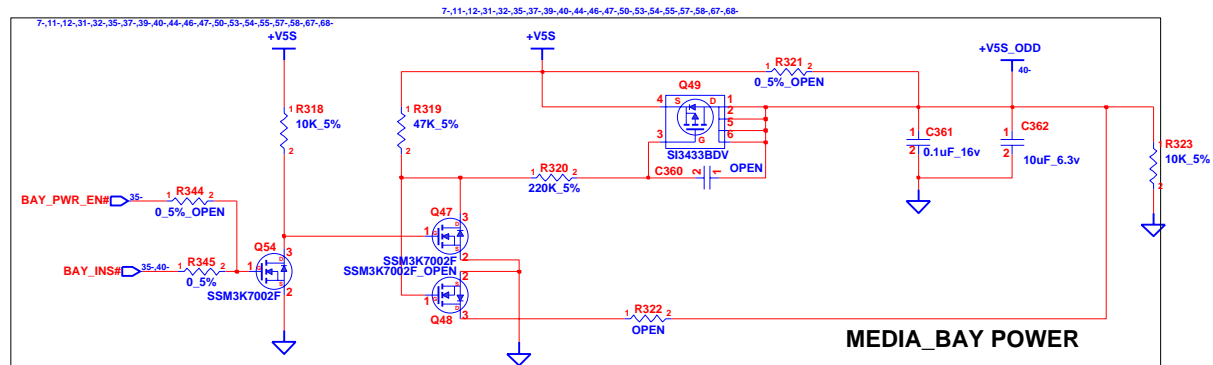
70



INVENTEC

TITLE  
Michigan  
ICH8 (5/5)

SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02



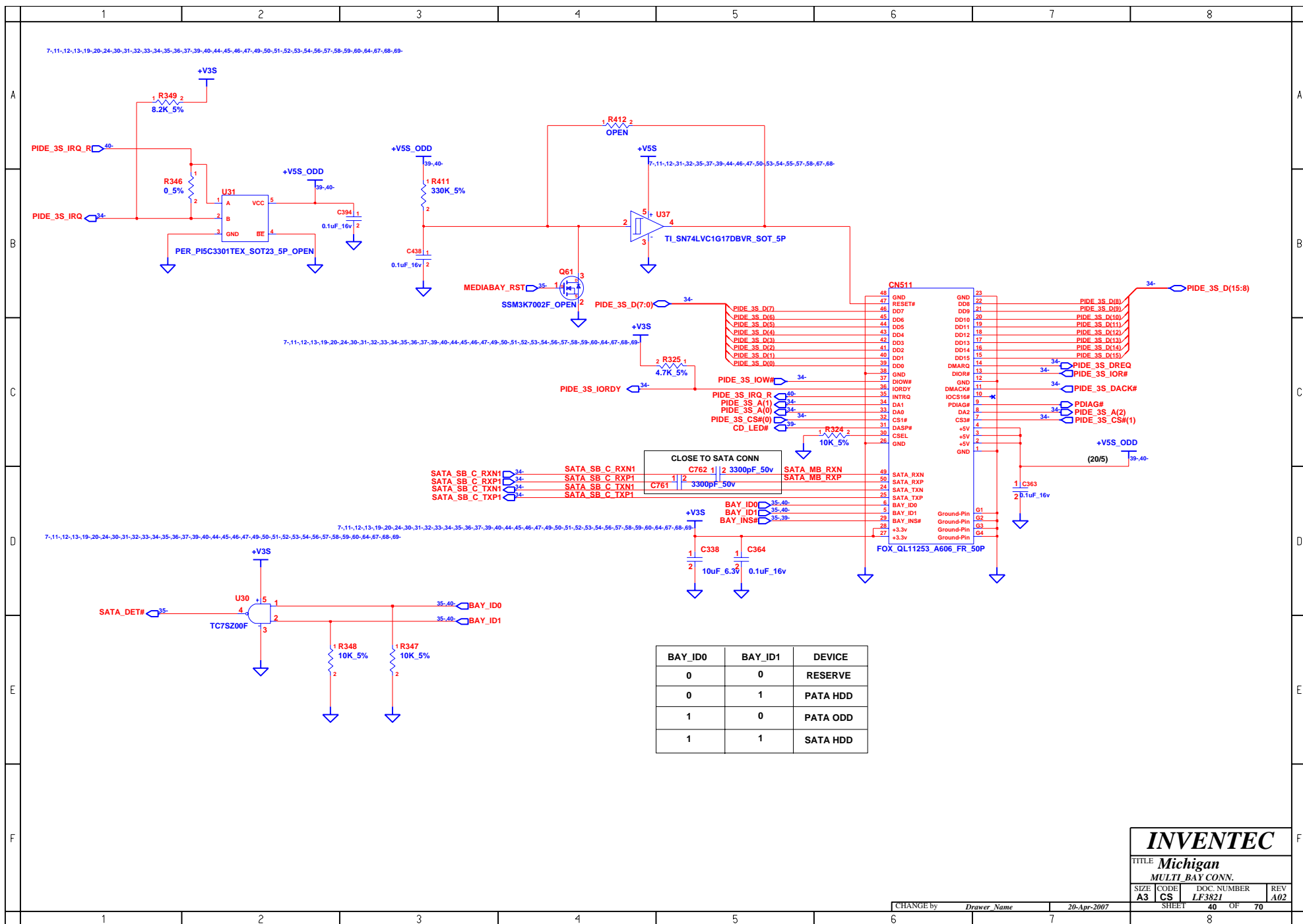
**INVENTEC**

TITLE **Michigan**  
**HDD CONNECTOR**

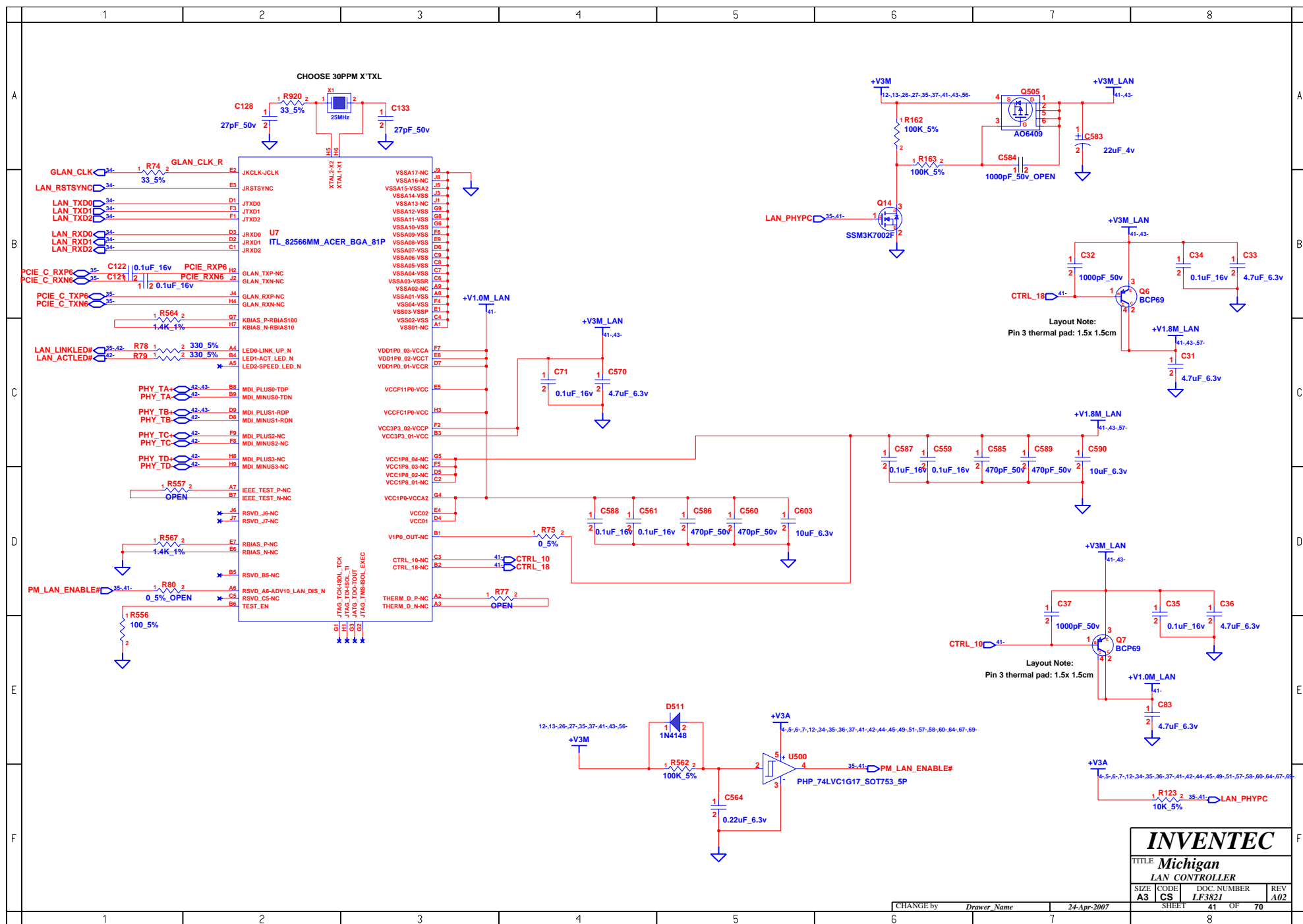
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>LF3821</b>	REV <b>A02</b>
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CHANGE by *Drawer Name* 20-Apr-2007

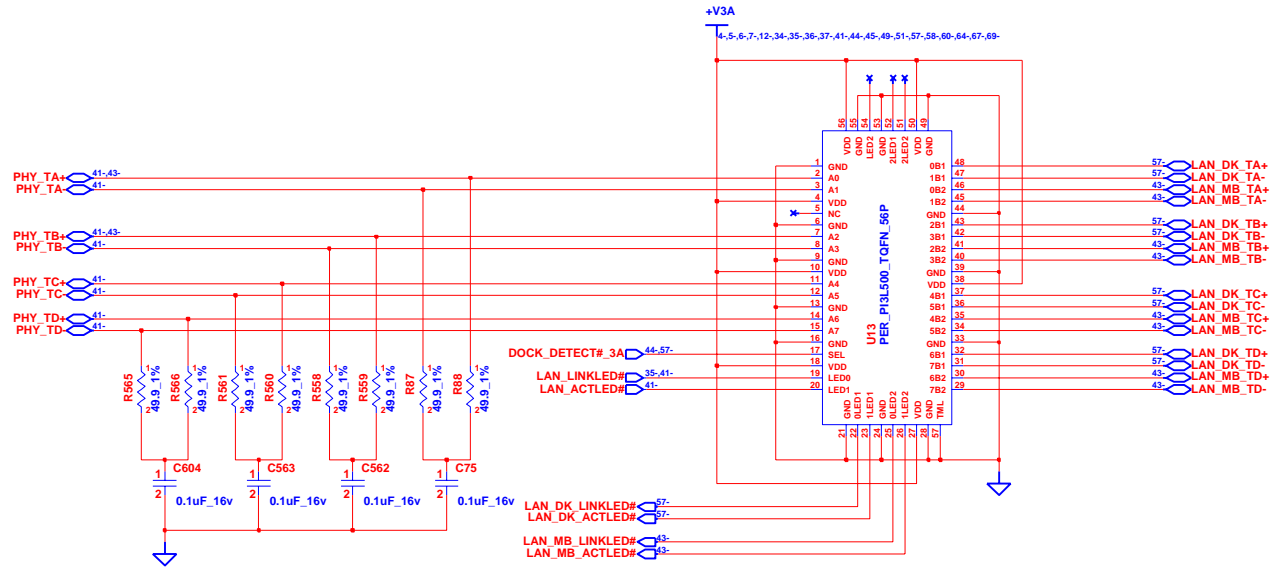
SHEET 39 OF 70



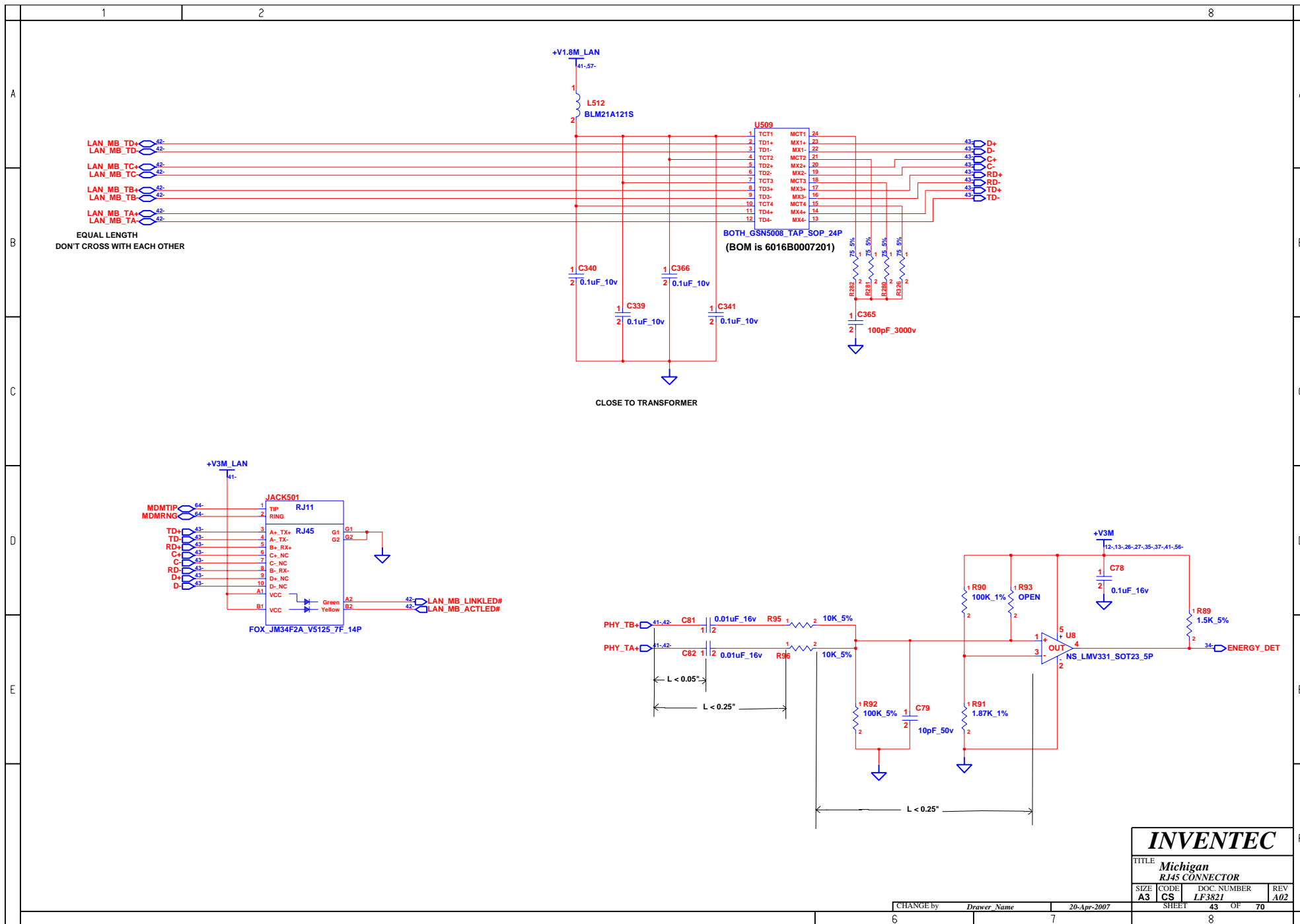




SEL	xB1	xB2	xLED1	xLED2
L	○		○	
H		○		○



INVENTEC			
TITLE Michigan			
SIZE A3	CODE CS	DOC. NUMBER LF3821	REV A02
CHANGE by Drawer Name		20-Apr-2007	
SHEET 42		OF 70	



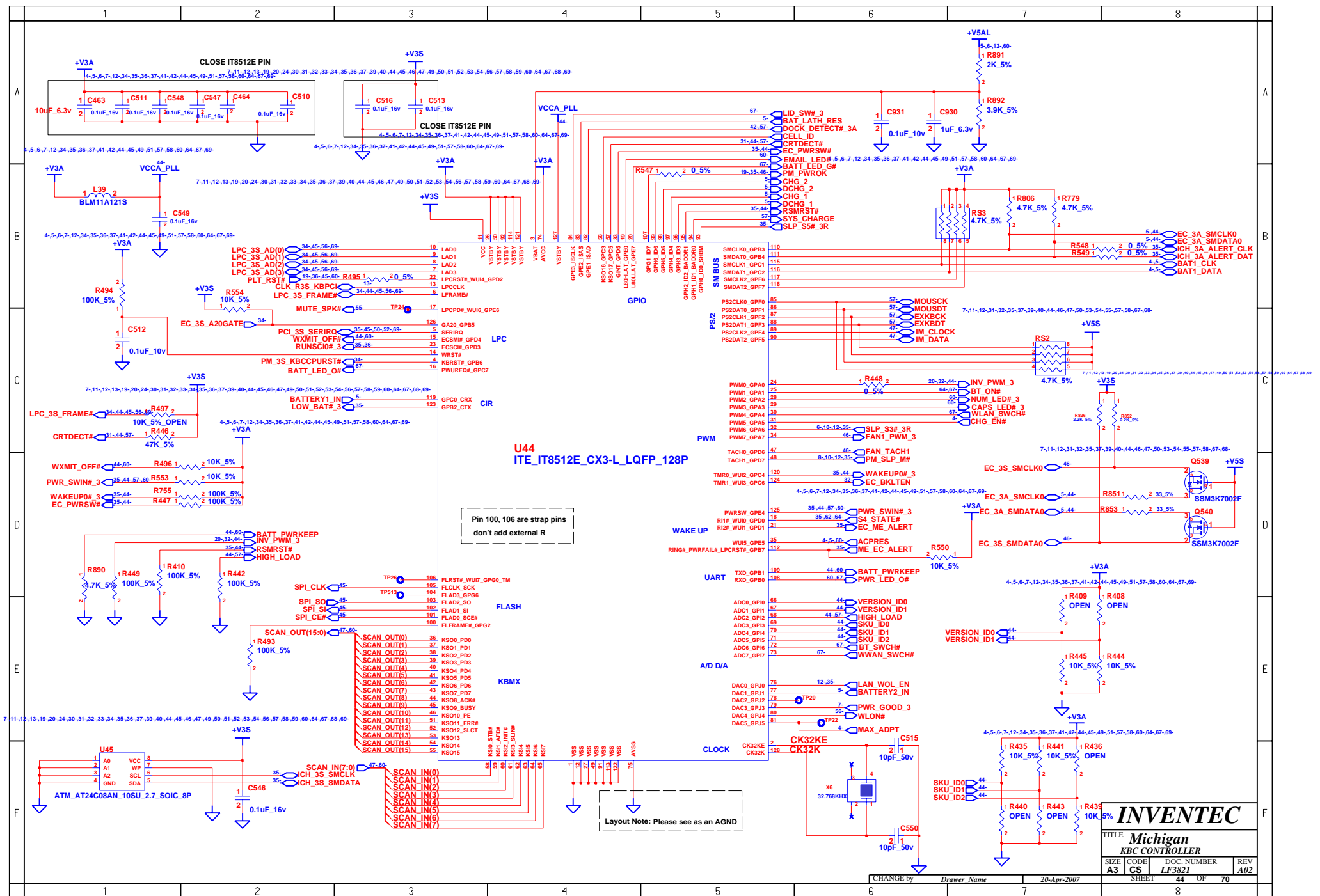
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TITLE			
Michigan RJ45 CONNECTOR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

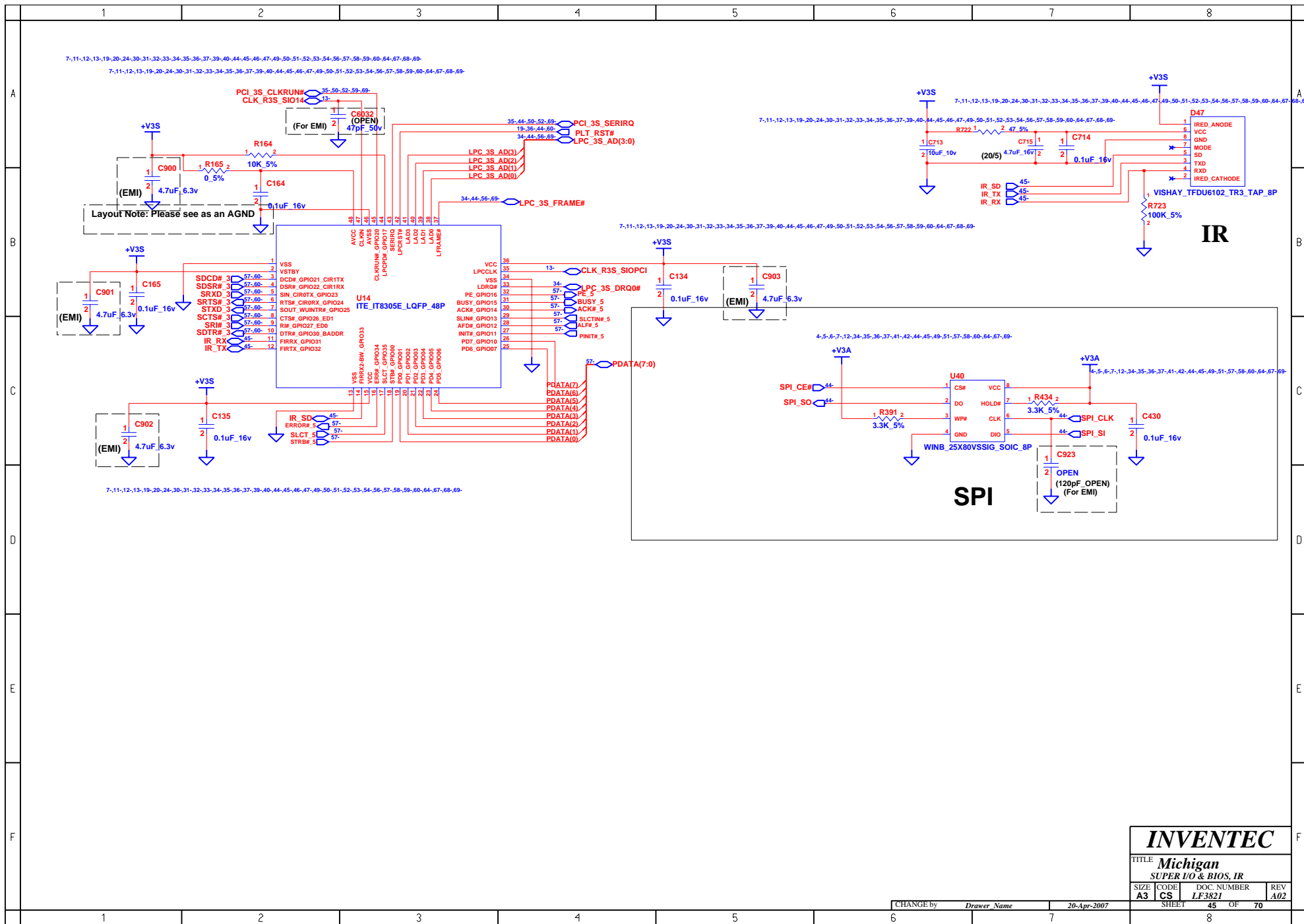
CHANGE by *Drawer Name* 20-Apr-2007

6

7

8





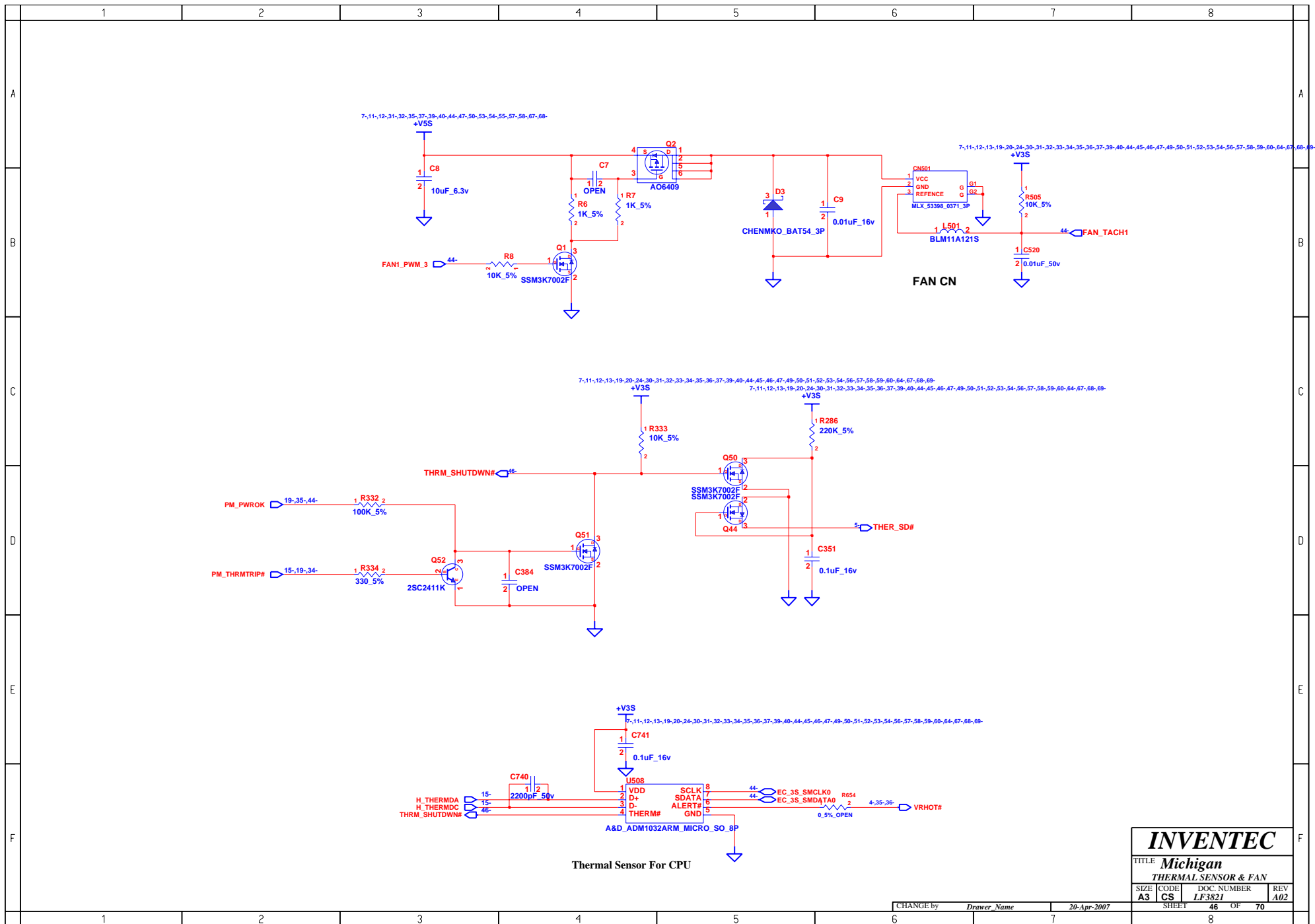
INVENTEC

TITLE Michigan  
SUPER I/O & BIOS, IR

SIZE A3	CODE CS	DOC. NUMBER LF3821	REV A02
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CHANGE by Drawer Name 20-Apr-2007

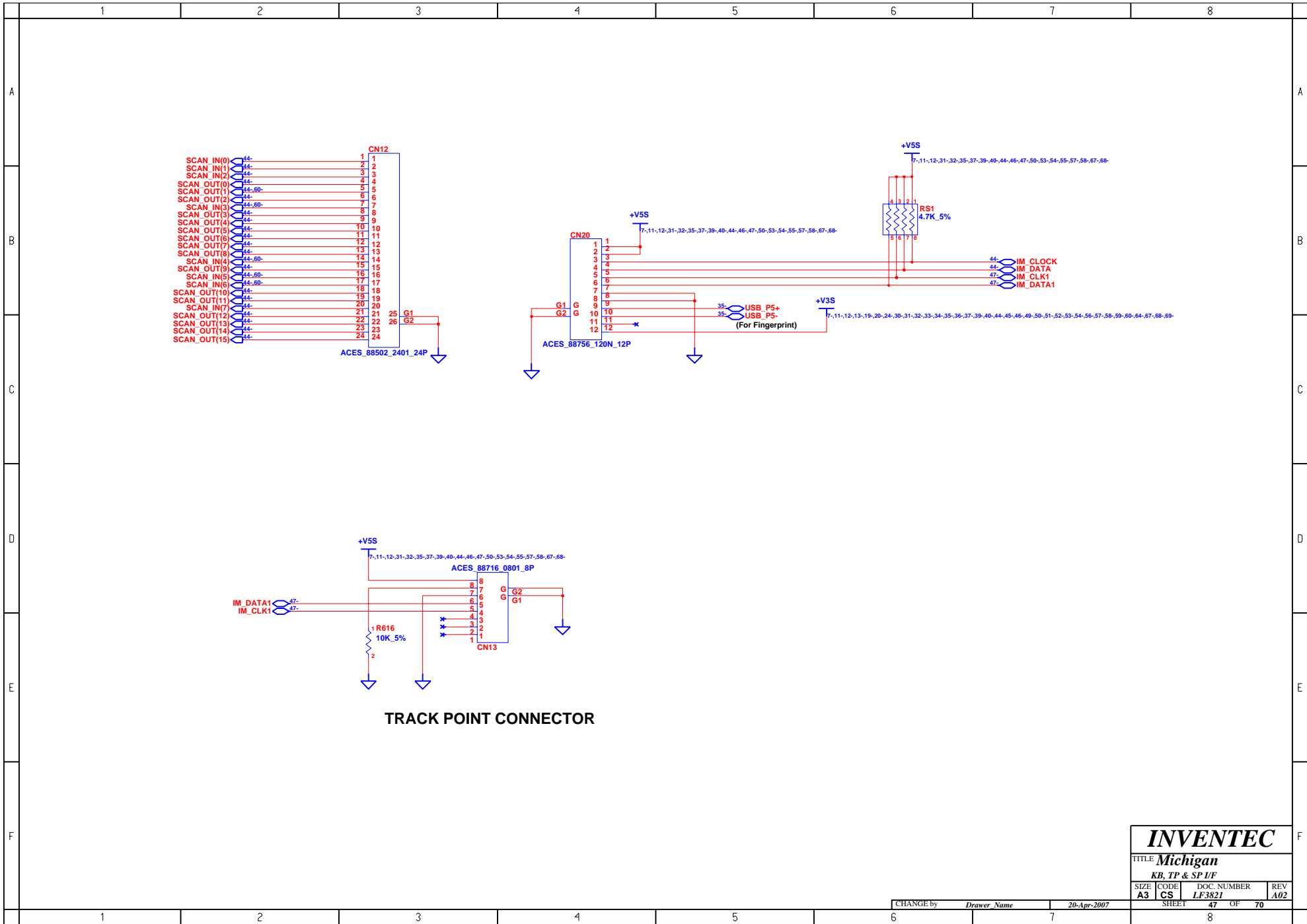
SHEET 45 OF 70

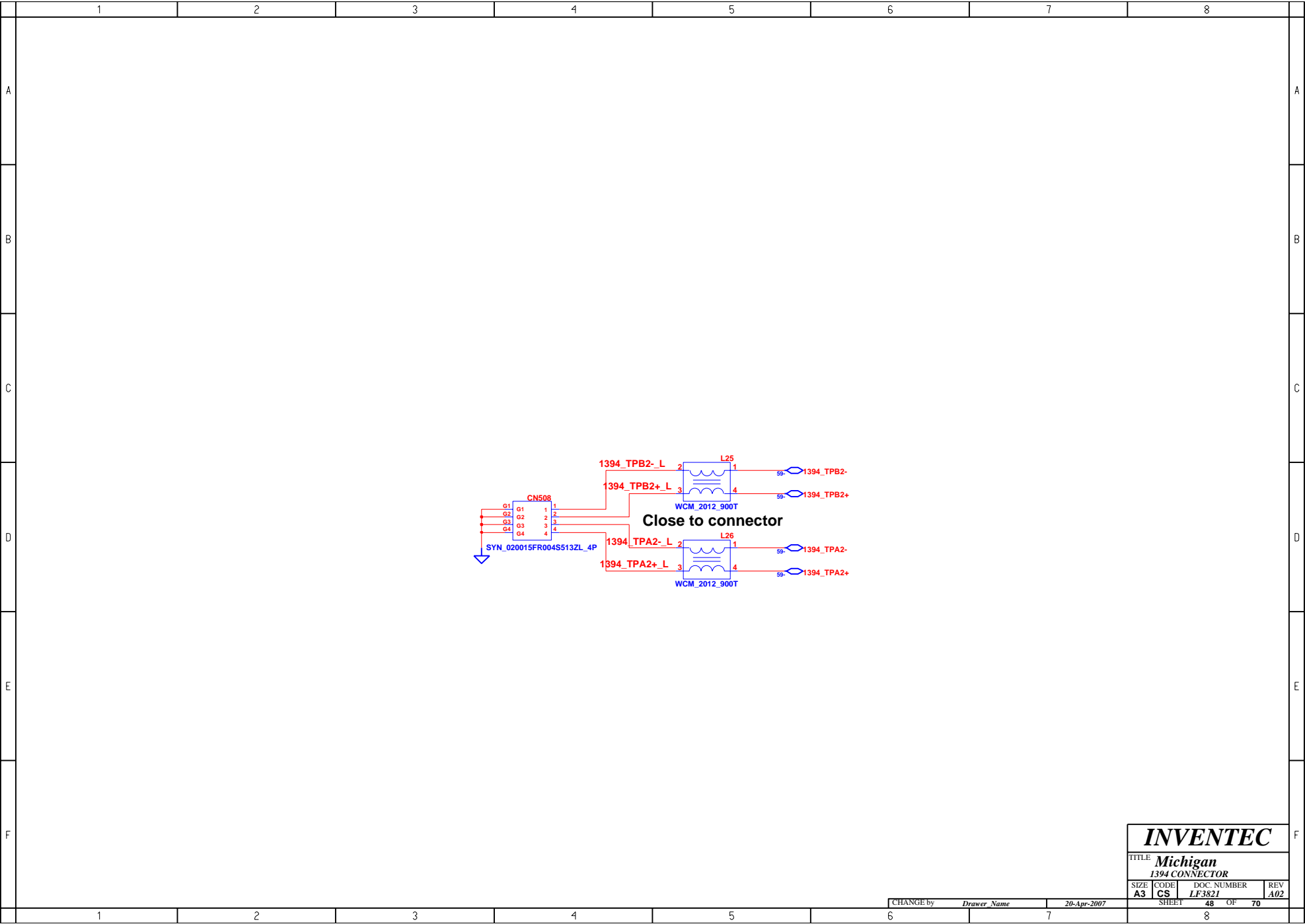


INVENTEC			
TITLE <i>Michigan</i>			
THERMAL SENSOR & FAN			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

CHANGE by *Drawer Name* 20-Apr-2007

SHEET 46 OF 70





**INVENTEC**

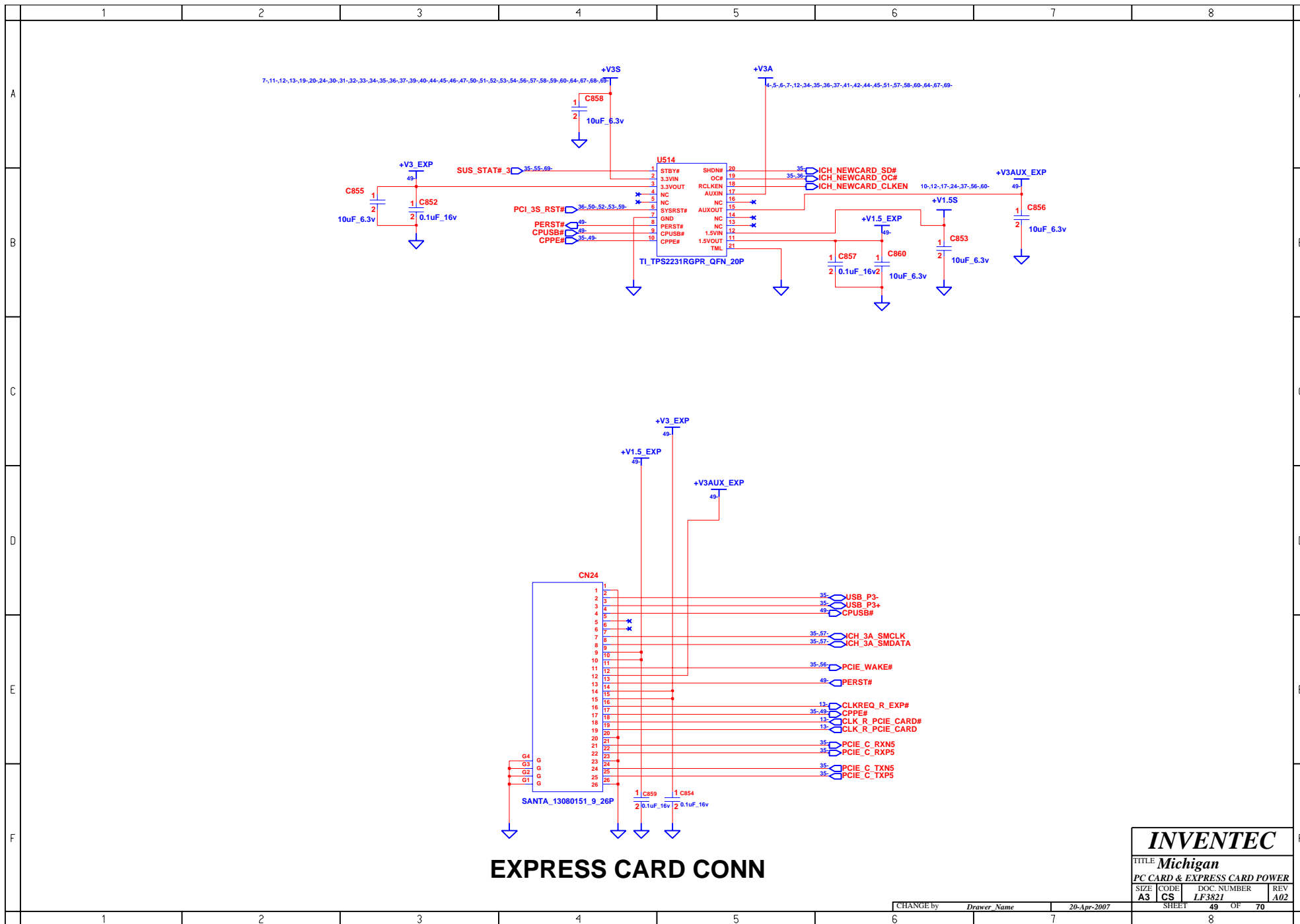
TITLE **Michigan**  
**1394 CONNECTOR**

SIZE	CODE	DOC. NUMBER	REV
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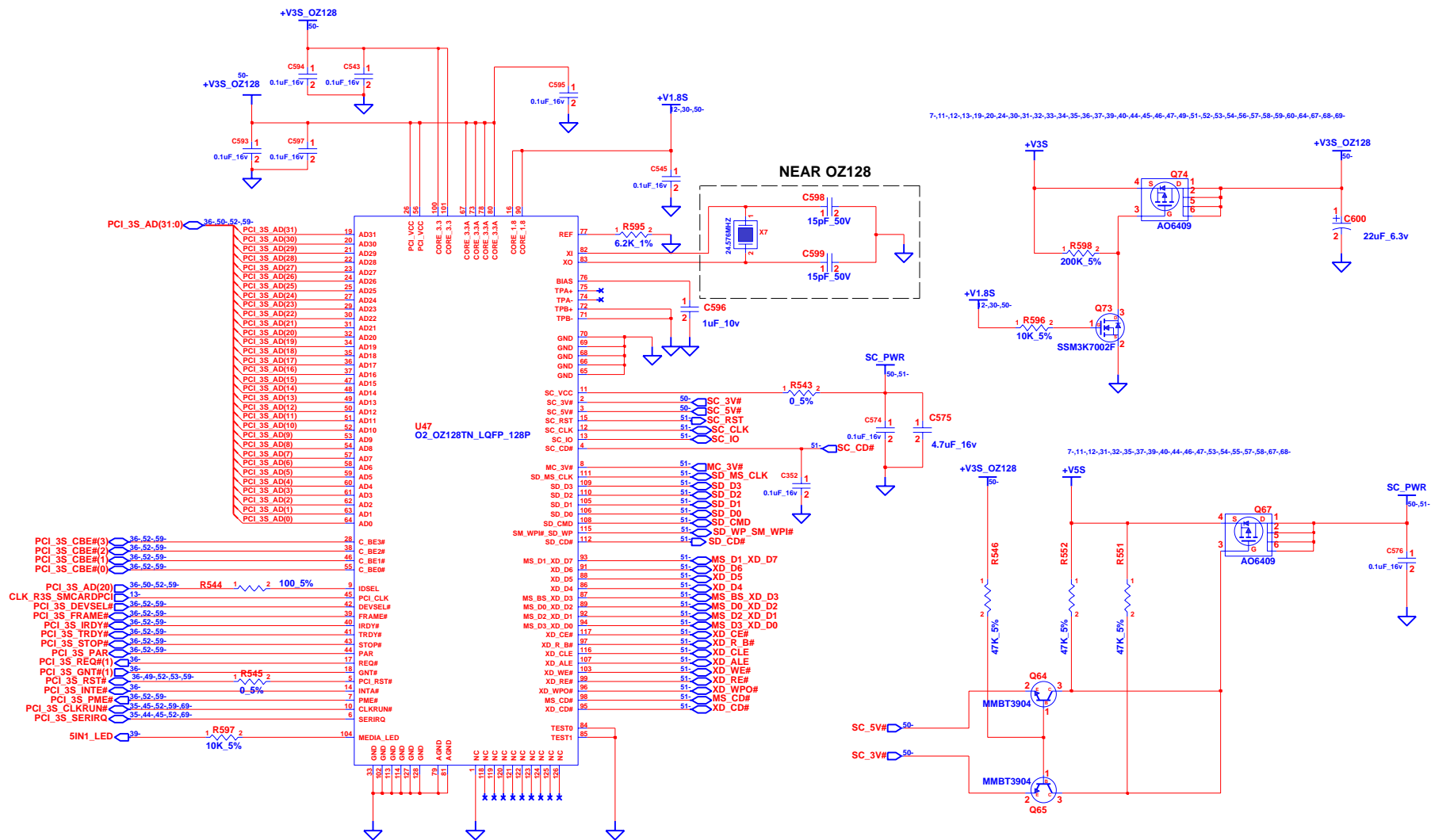
CHANGE by *Drawer Name* 20-Apr-2007

SHEET 48 OF 70





**NOTE: +V1.8S NEED POWER ON FASTER THAN +V3S**

**INVENTEC**

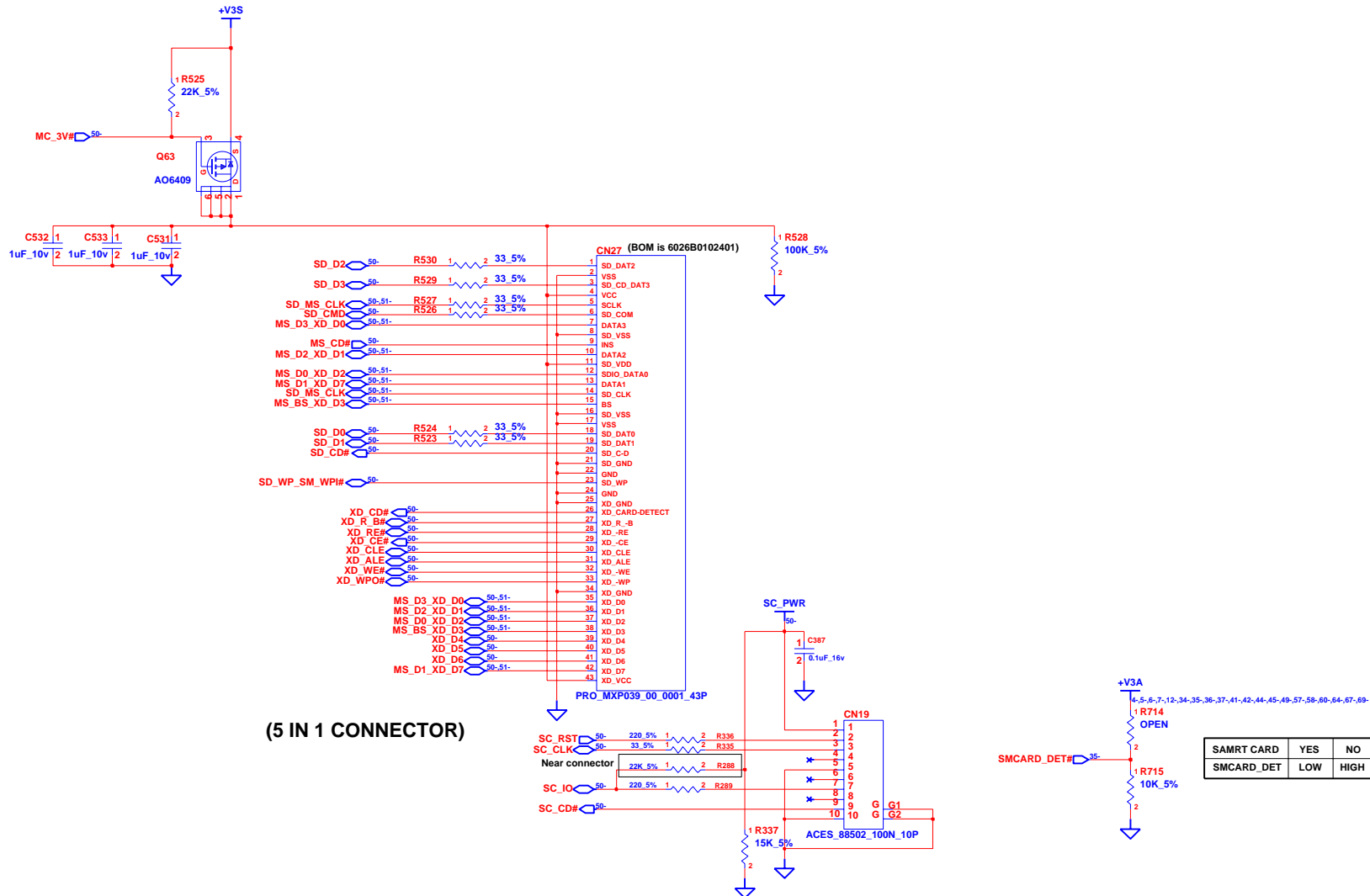
TITLE	<i>Michigan</i>
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SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <i>LF3821</i>	REV <i>A02</i>
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CHANGE by	<i>Drawer Name</i>	20-Apr-2007
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30	60	70
♀		

7,11,12,13,19,20,24,30,31,32,33,34,35,36,37,39,40,44,45,46,47,49,50,52,53,54,56,57,58,59,60,64,67,68,69



(5 IN 1 CONNECTOR)

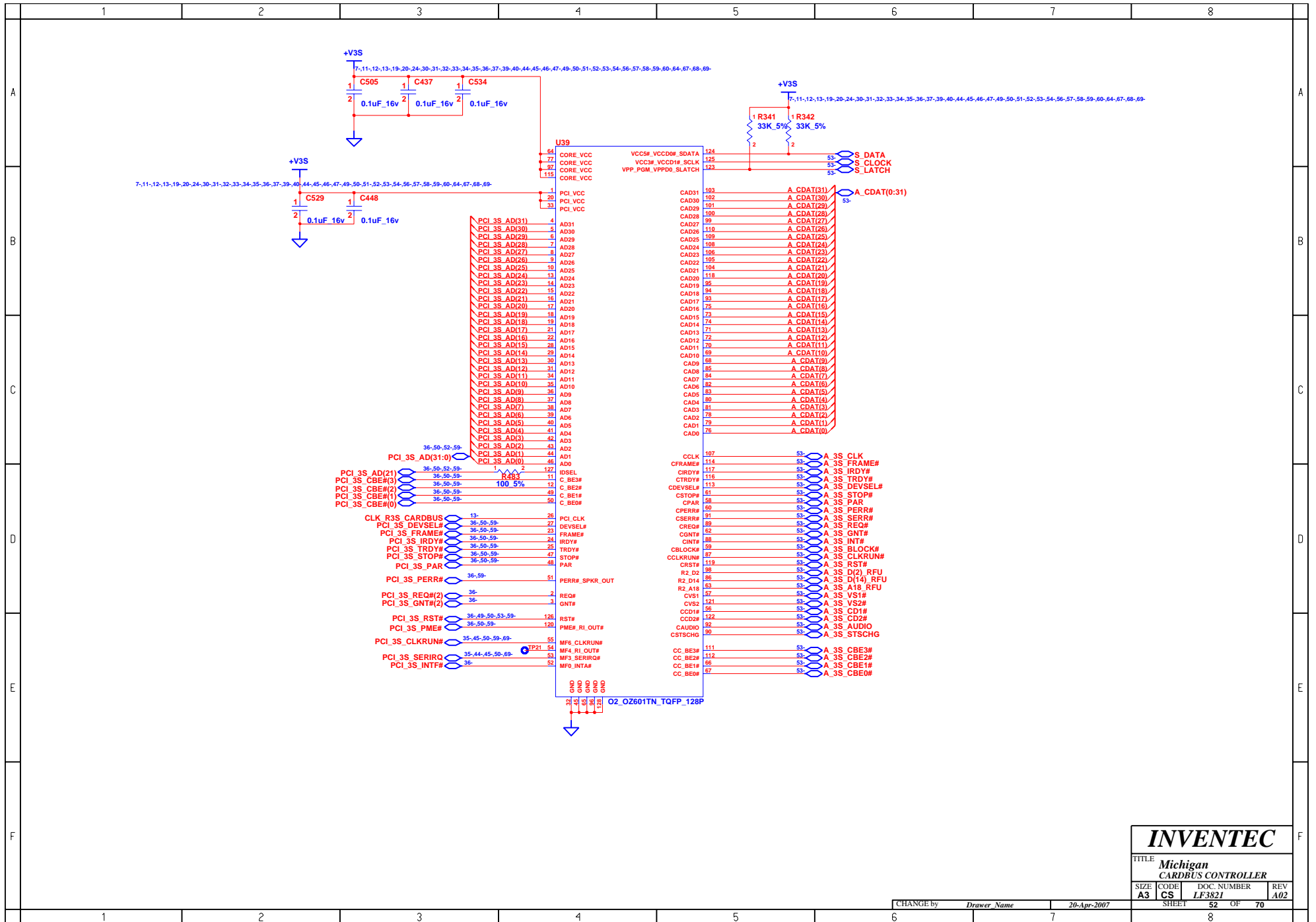
# SMART CARD CONN

SAMRT CARD	YES	NO
SMCARD_DET	LOW	HIGH

INVENTEC			
TITLE Michigan			
SMART CARD & 5 IN 1 CONN.			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

CHANGE by *Drawer Name* 20-Apr-2007

SHEET 51 OF 70

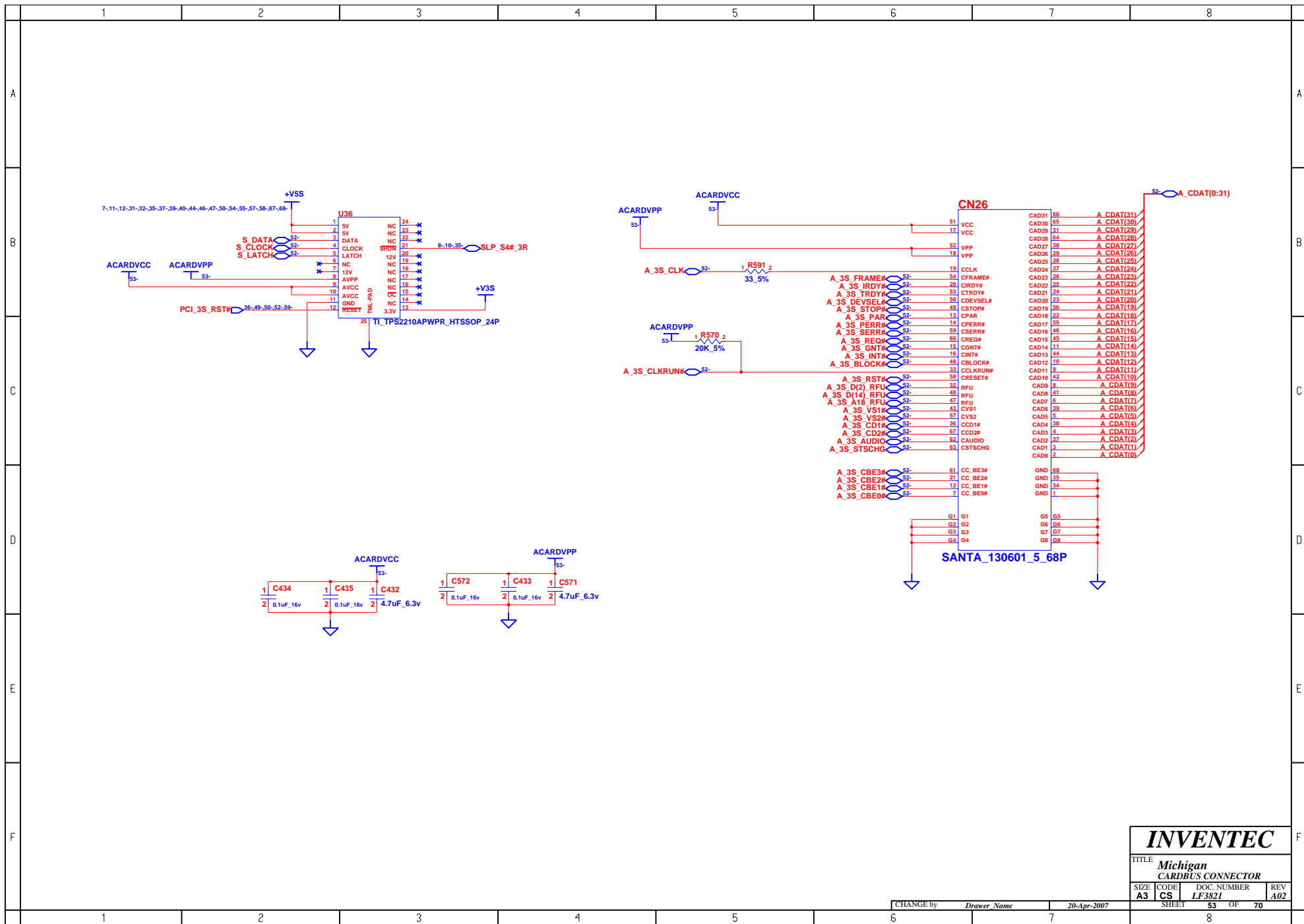


**INVENTEC**

TITLE			
Michigan CARDBUS CONTROLLER			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

CHANGE by *Drawer Name* 20-Apr-2007

SHEET 52 OF 70



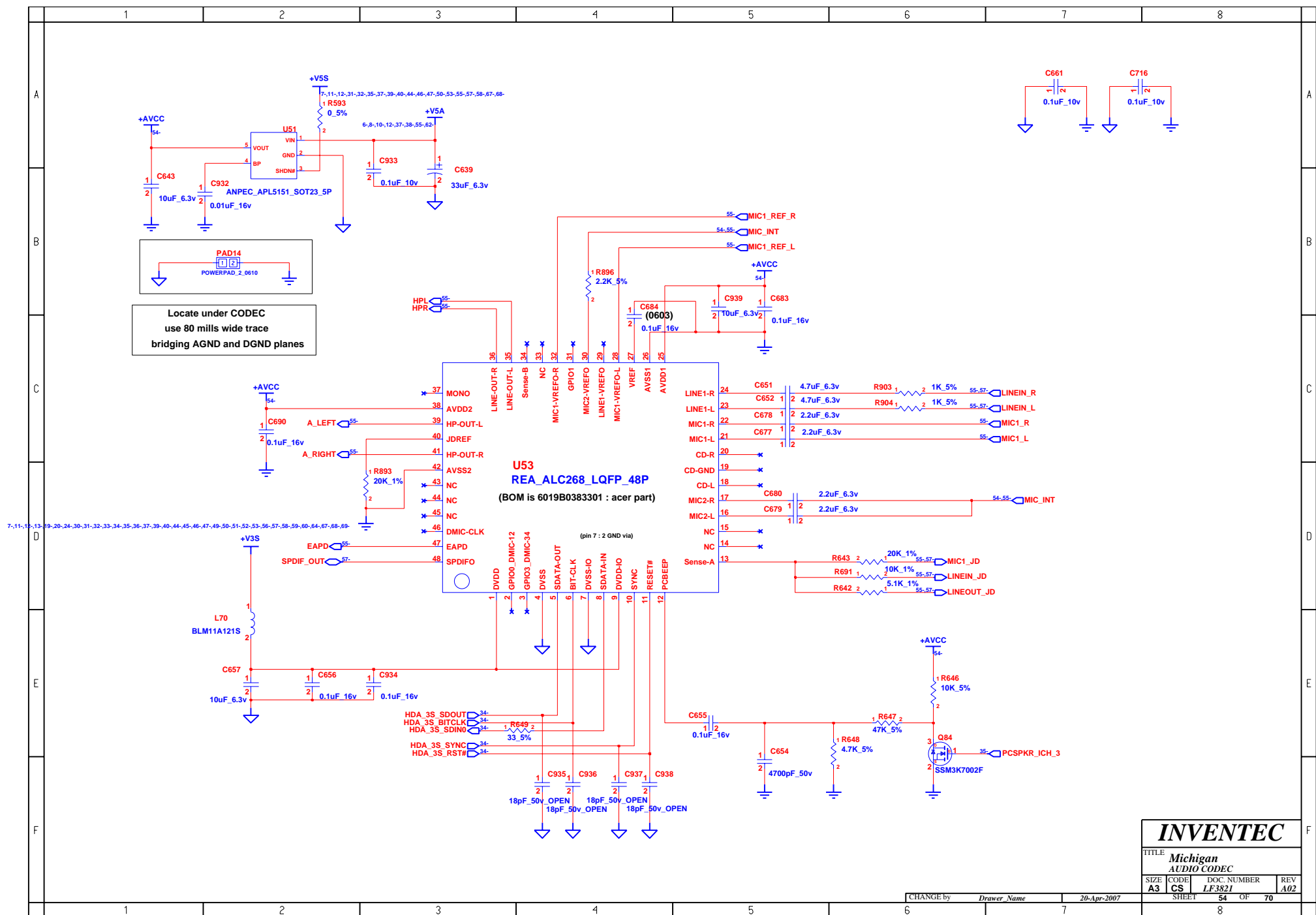
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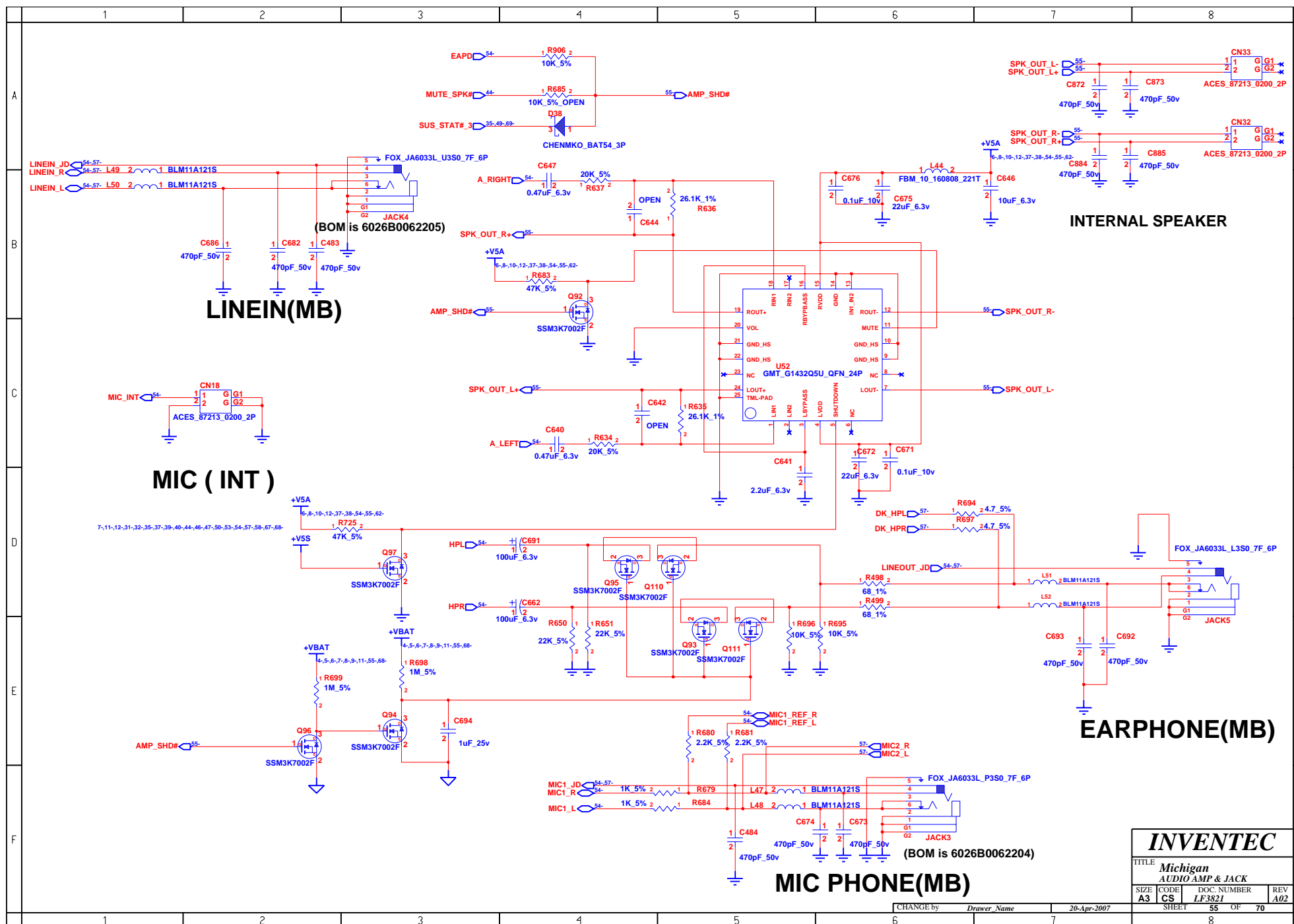
TITLE  
**Michigan  
CARDBUS CONNECTOR**

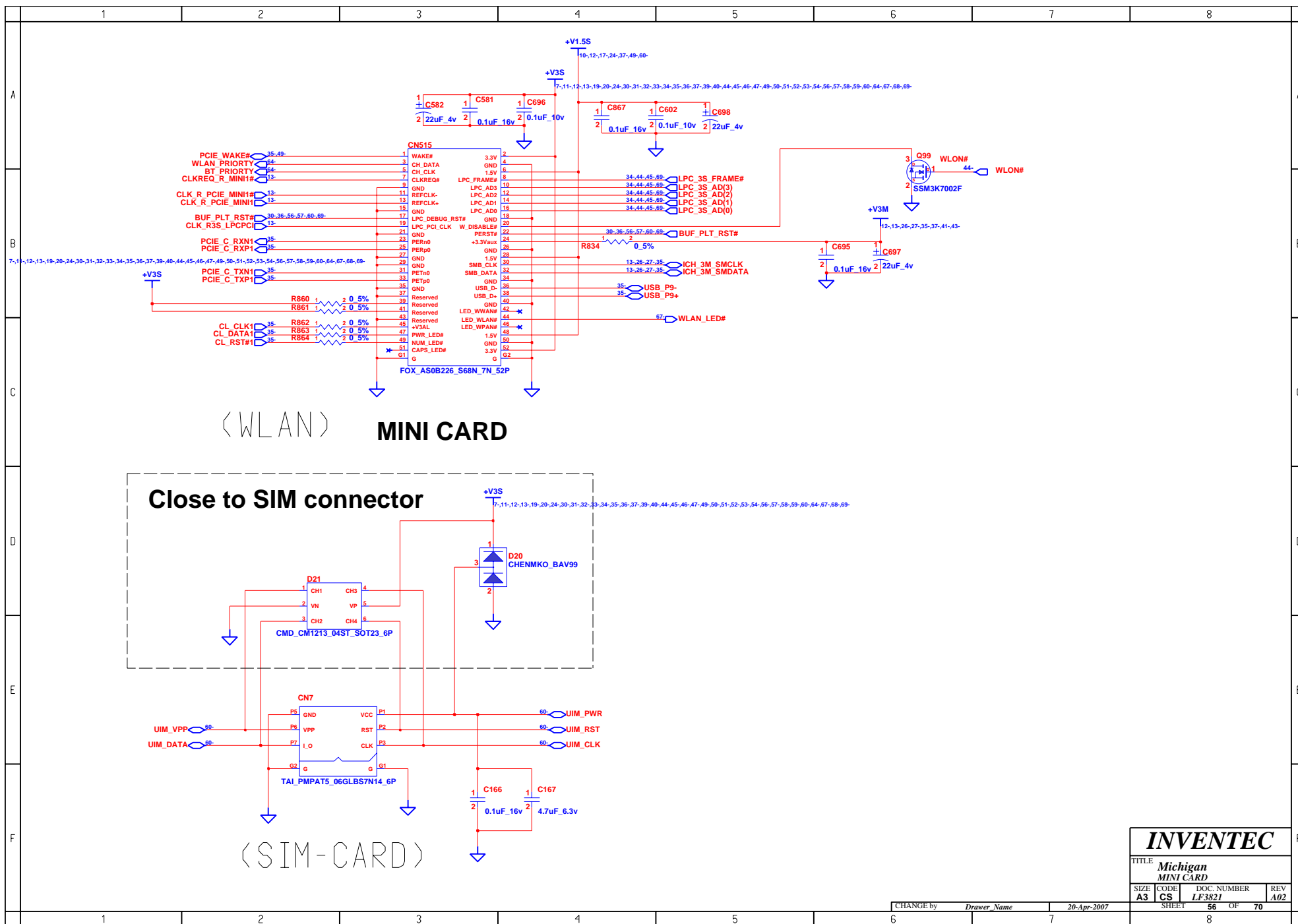
SIZE CODE DOC. NUMBER REV  
**A3 CS LF3821 A02**

CHANGE by *Drawer Name* 20-Apr-2007

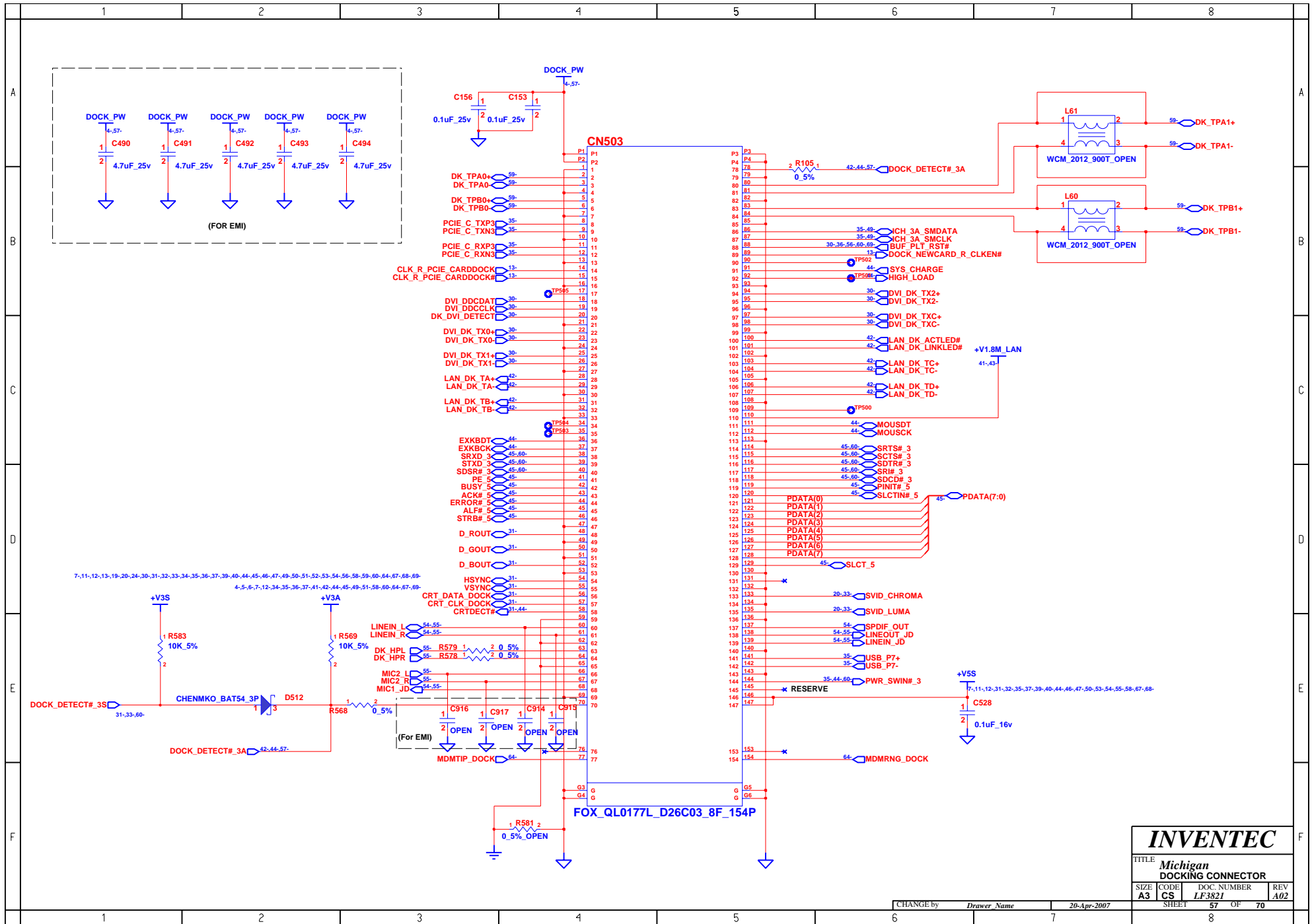
SHEET 53 OF 70

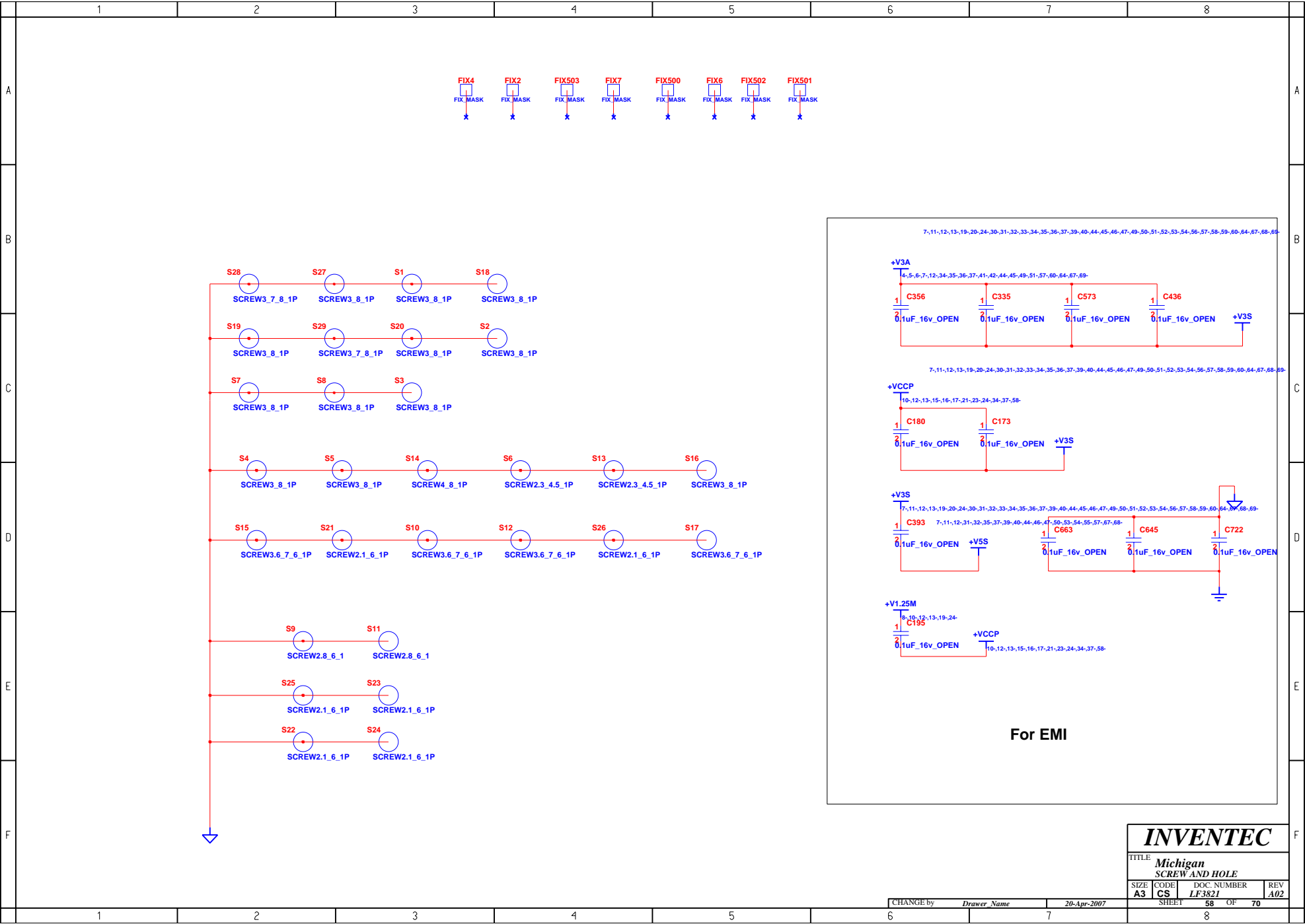










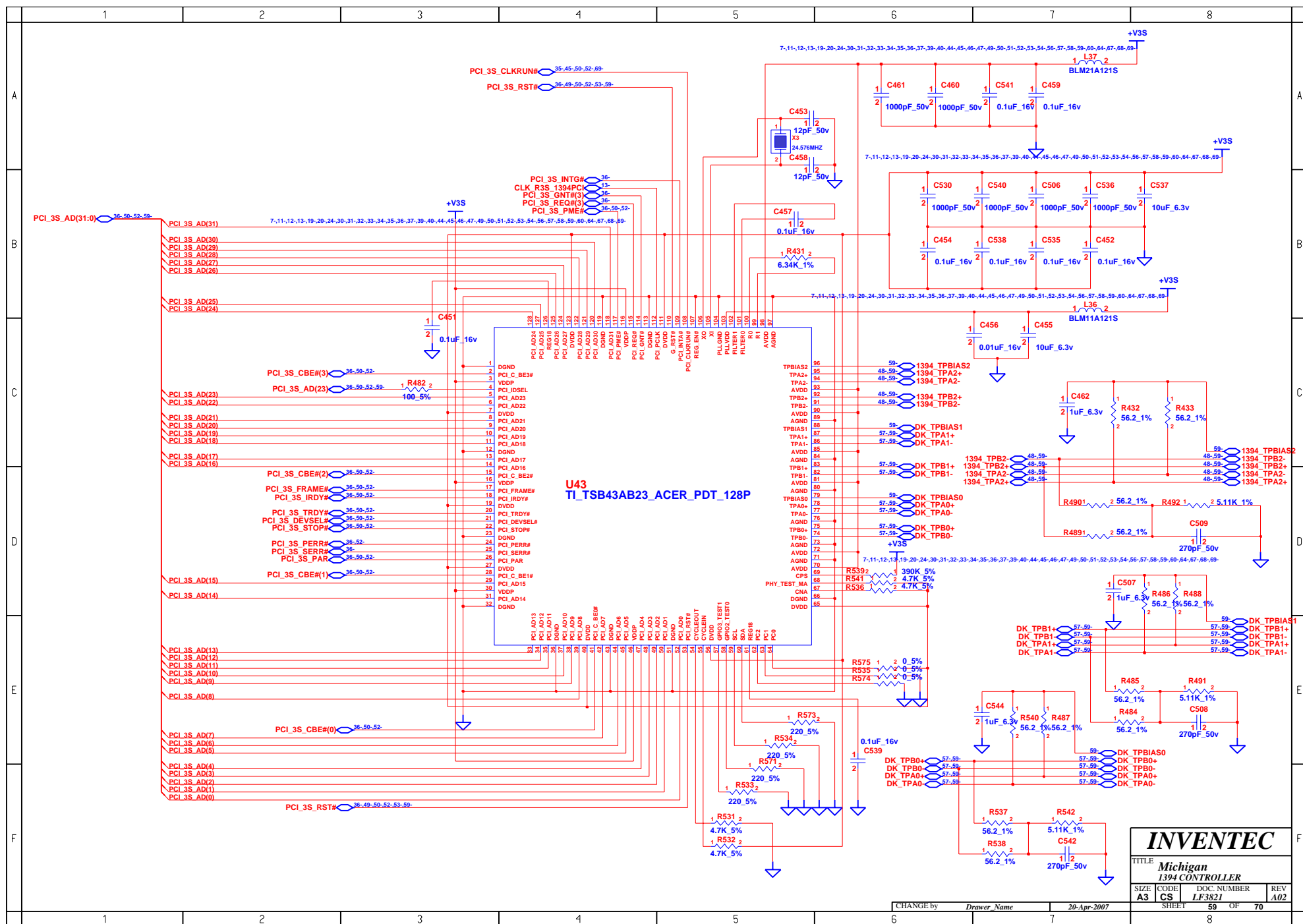


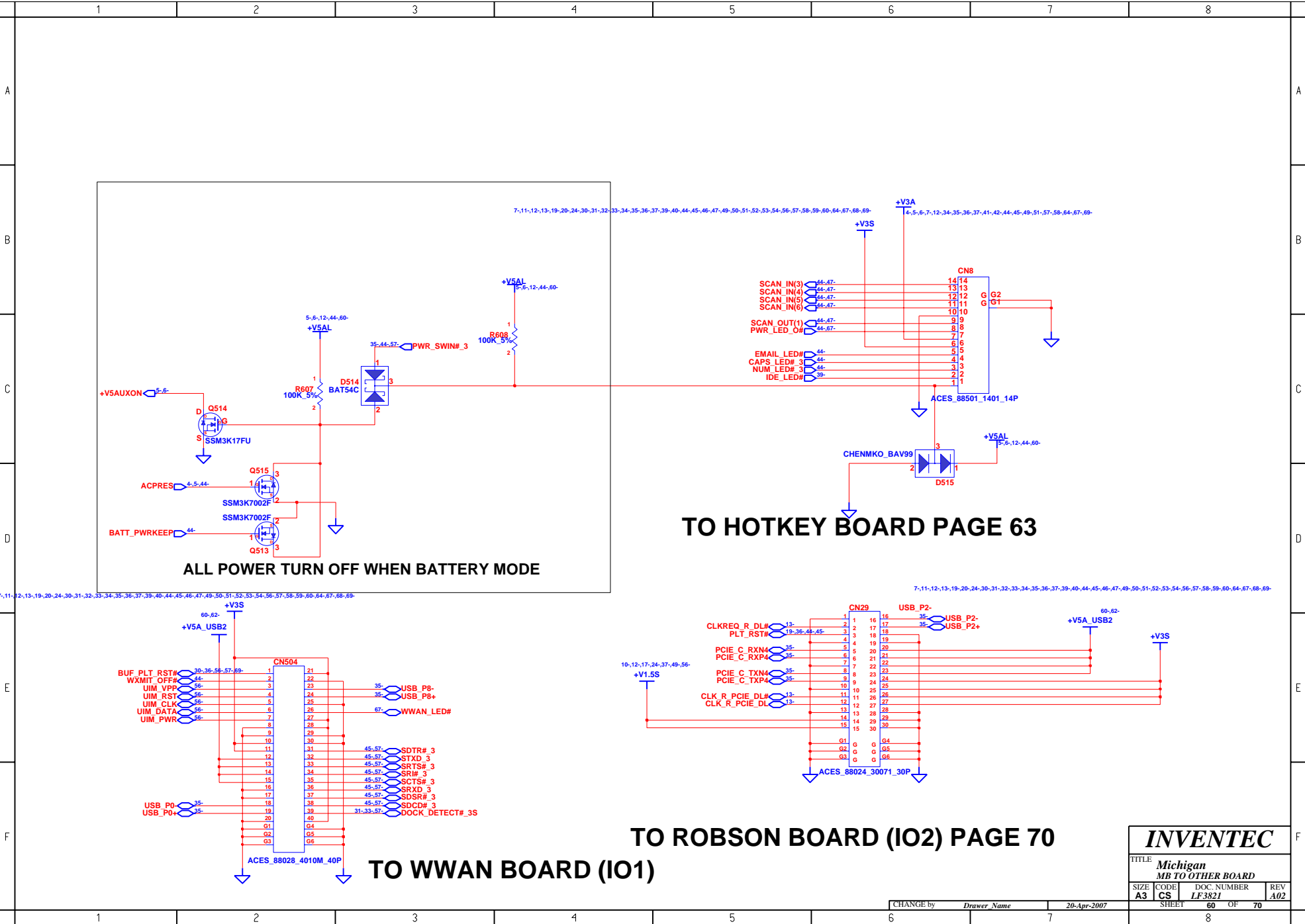
**INVENTEC**

TITLE			
Michigan			
SCREW AND HOLE			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

CHANGE by *Drawer Name* 20-Apr-2007

SHEET 58 OF 70

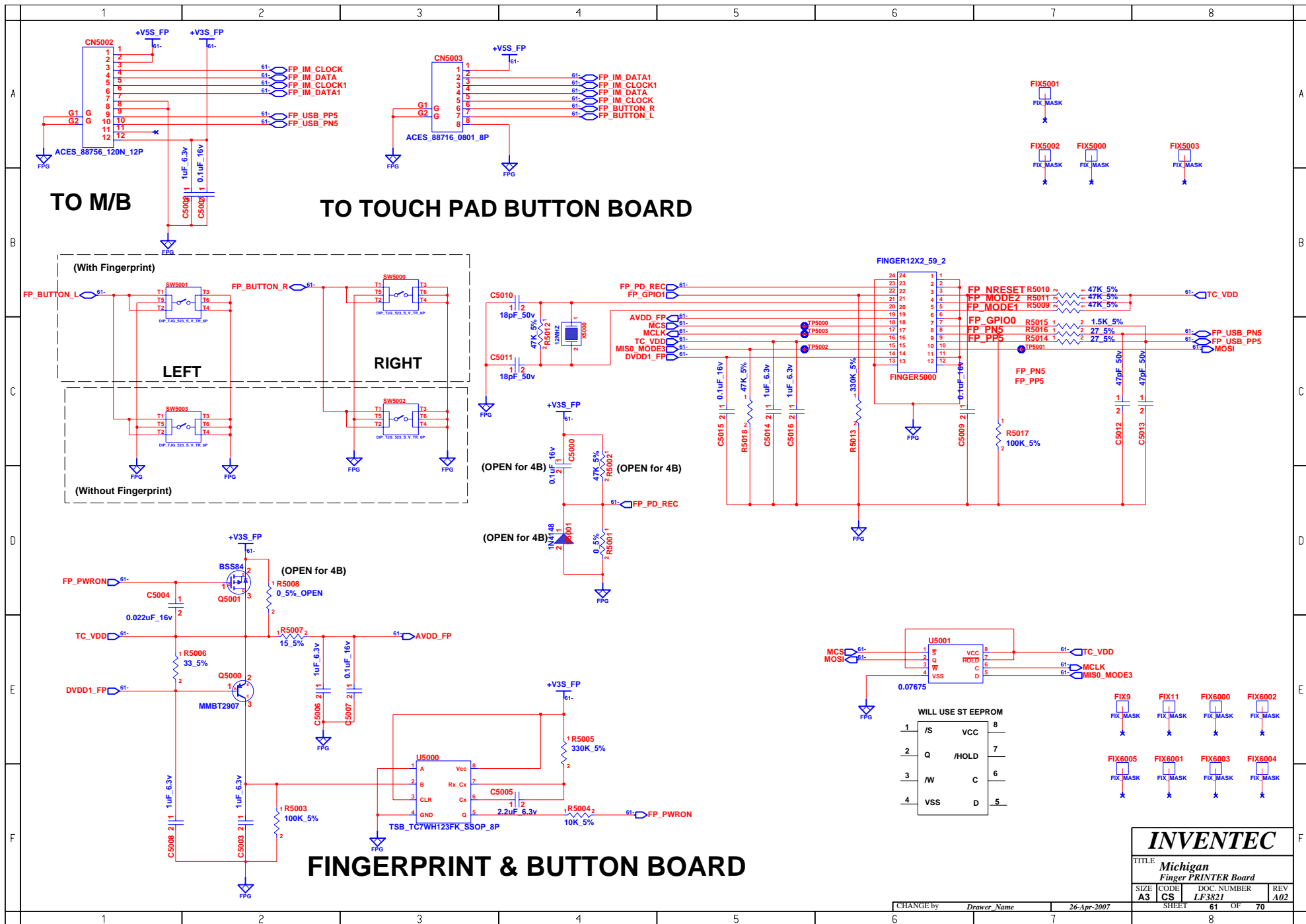


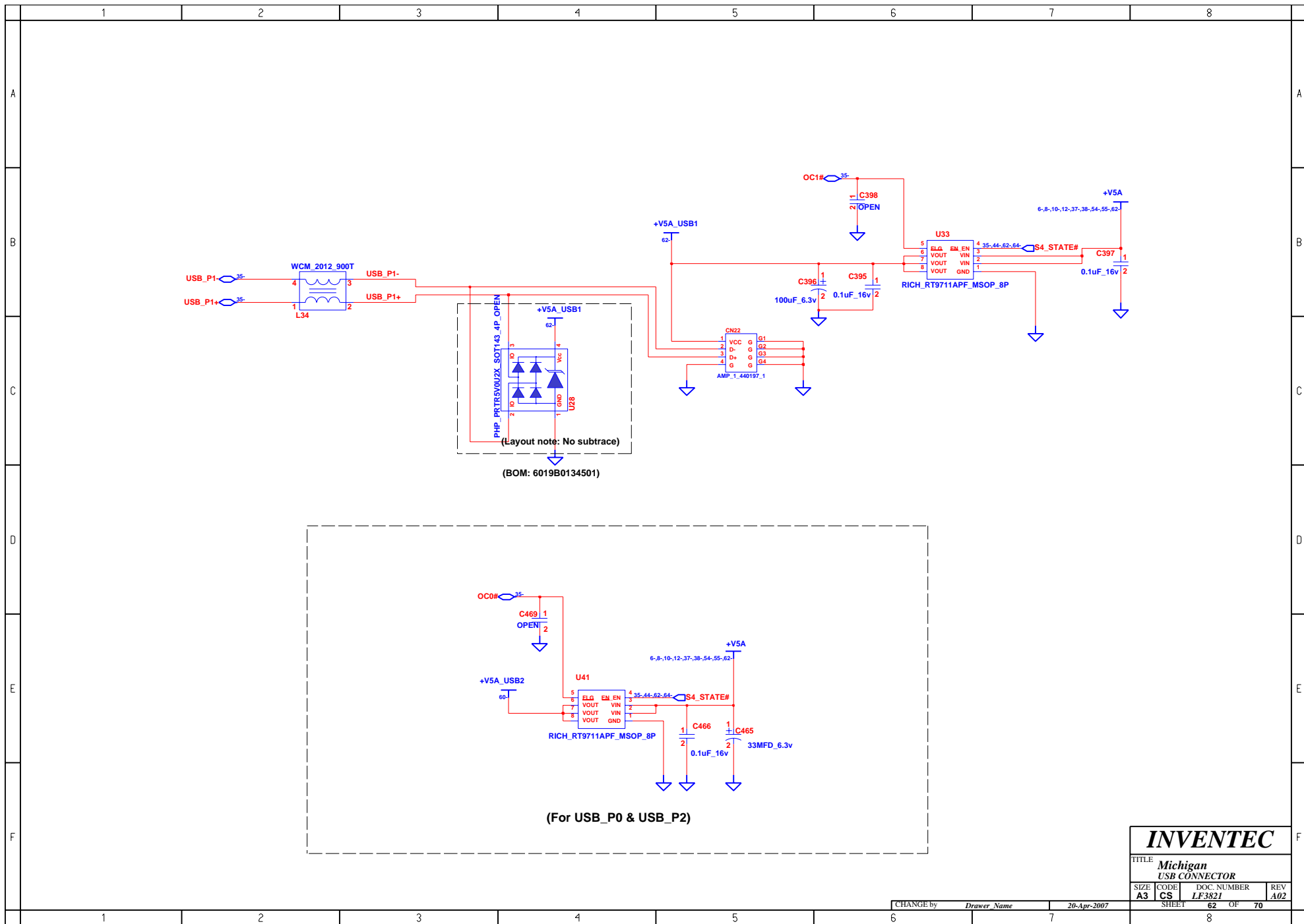


**TO ROBSON BOARD (IO2) PAGE 70**

## TO WWAN BOARD (IO1)





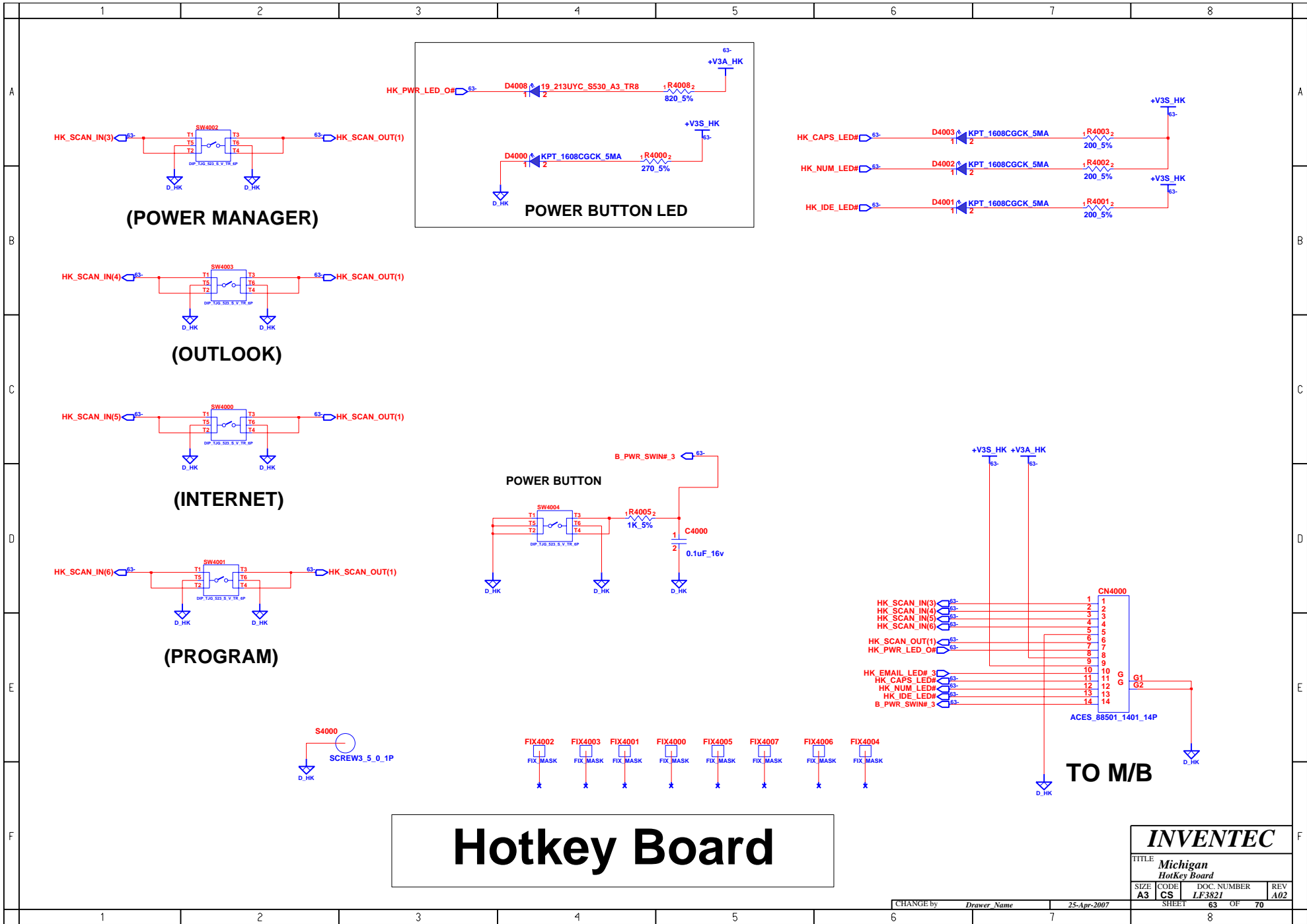


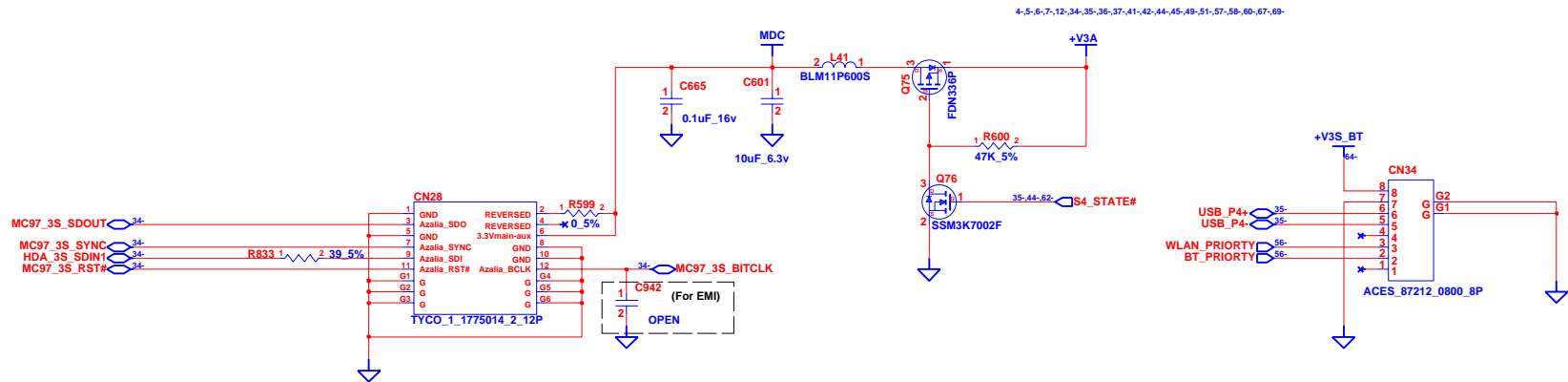
**INVENTEC**

TITLE			
Michigan USB CONNECTOR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

CHANGE by *Drawer Name* 20-Apr-2007

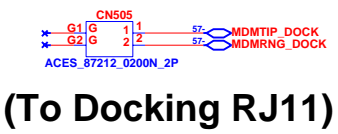
SHEET 62 OF 70



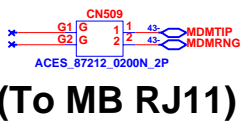


**MDC CONNECTOR**

**BLUE TOOTH TO MODULE CONNECTOR**



**(To Docking RJ11)**



**(To MB RJ11)**

**RJ11 CABLE CONNECTOR**

**INVENTEC**

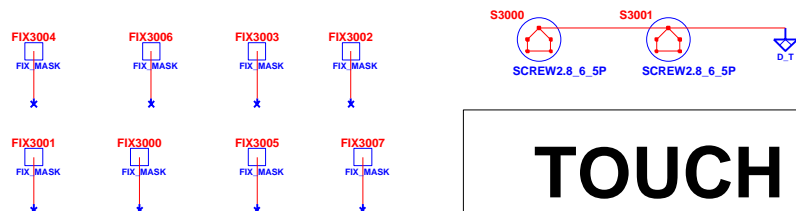
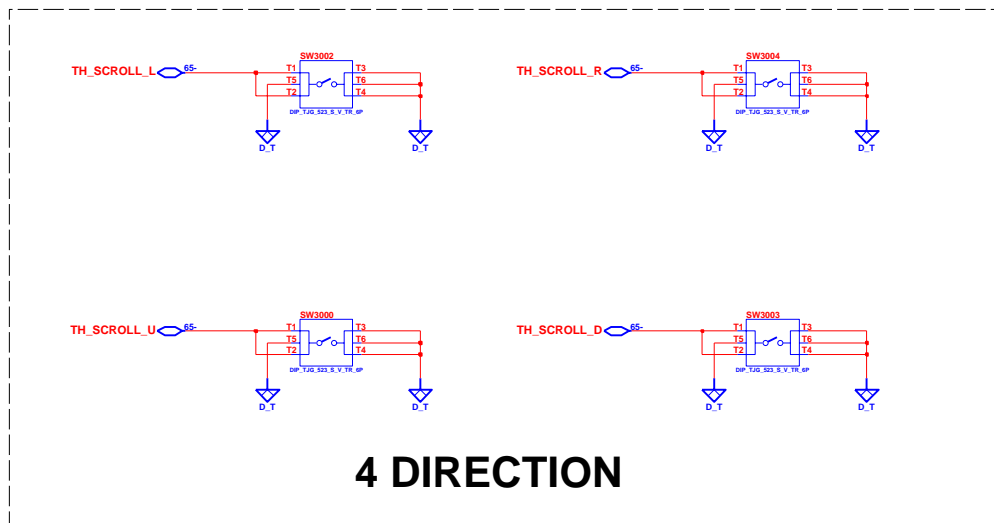
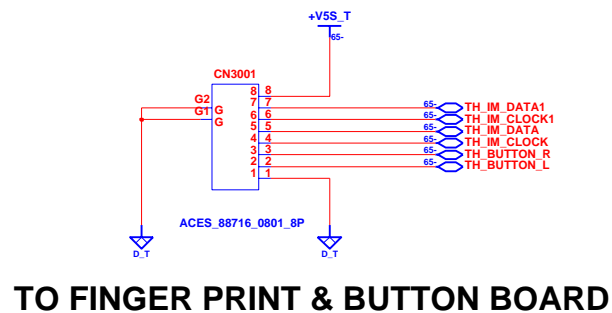
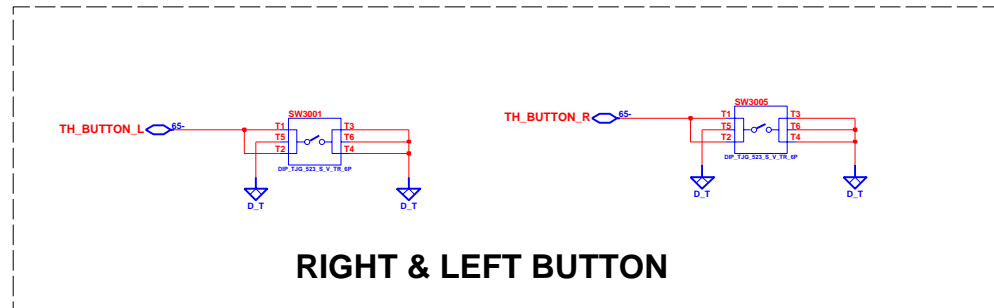
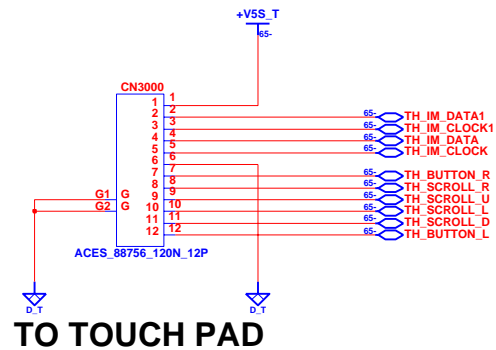
TITLE **Michigan**  
MDC I/F & RJ11 & Bluetooth CNN

SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER <b>LF3821</b>	REV <b>A02</b>
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CHANGE by *Drawer Name* 20-Apr-2007

SHEET 64 OF 70



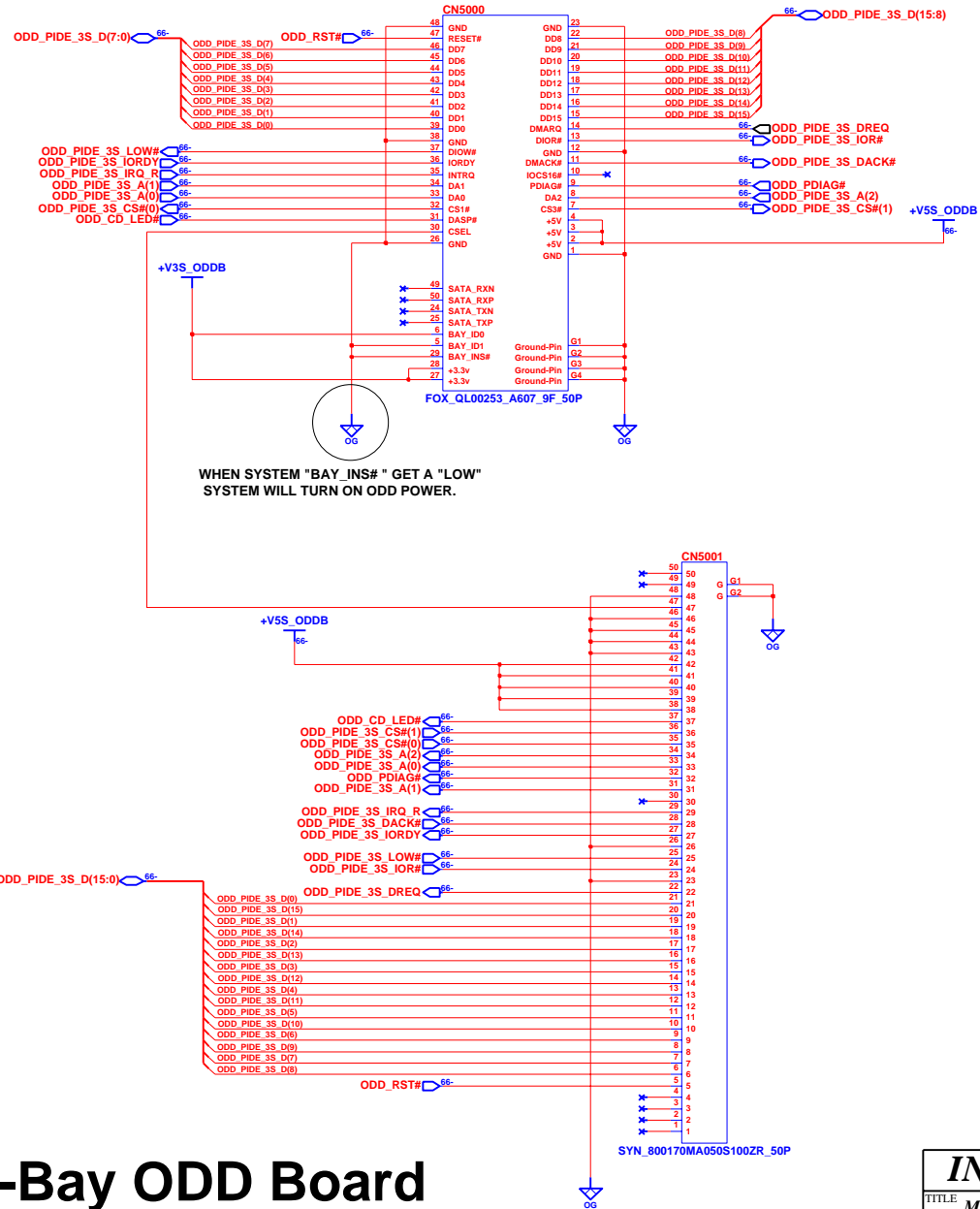
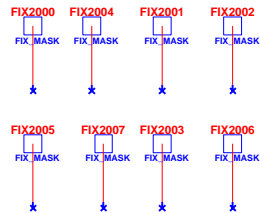


# TOUCH PAD BUTTON BOARD

INVENTEC			
TITLE: Michigan Touch PAD Button Board			
SIZE: A3	CODE: CS	DOC. NUMBER: LF3821	REV: A02
SHEET: 65		OF: 70	

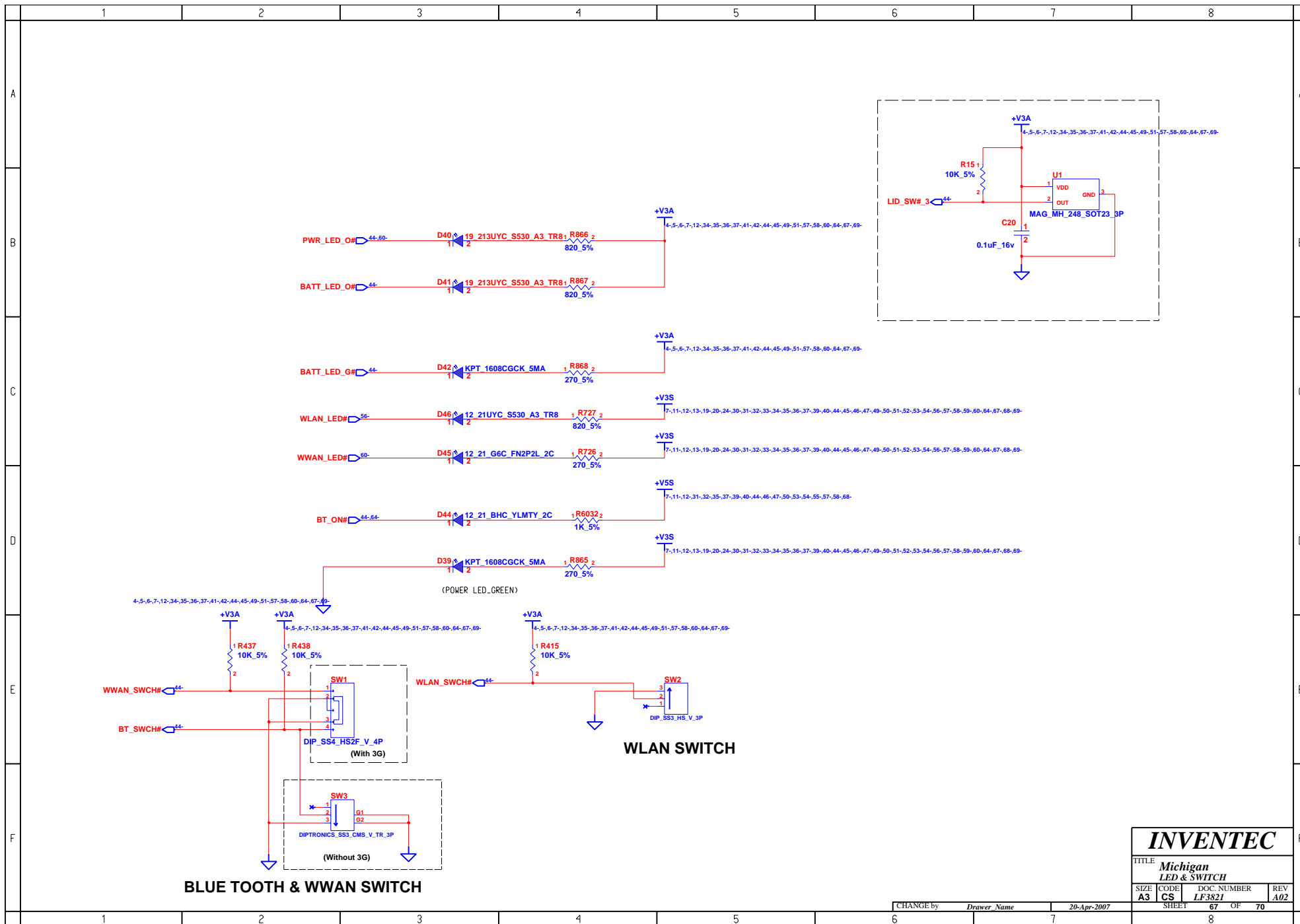
CHANGE by: Drawer Name 25-Apr-2007

BAY_ID0	BAY_ID1	DEVICE
0	0	RESERVE
0	1	PATA HDD
1	0	PATA ODD
1	1	SATA HDD

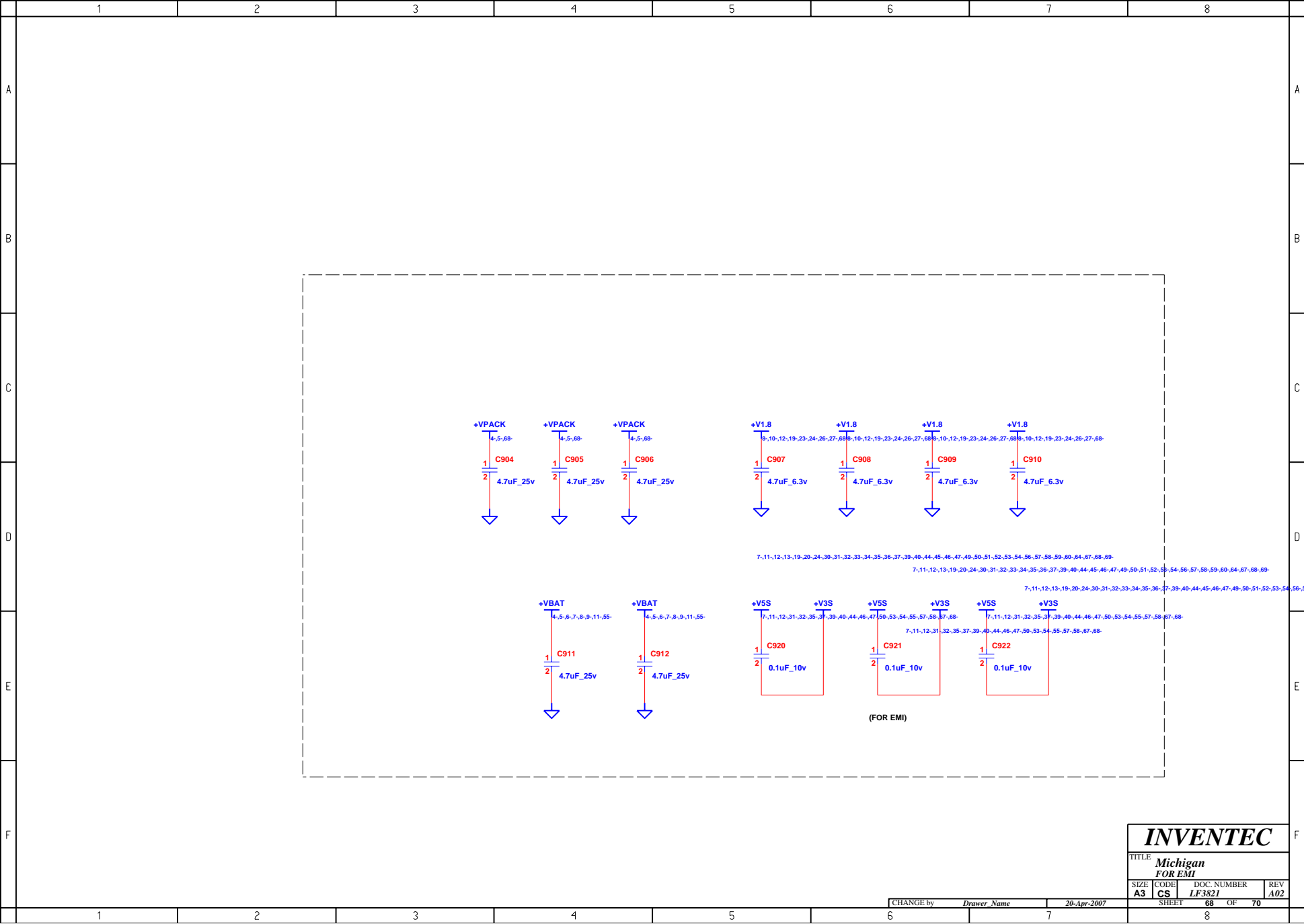


# Multi-Bay ODD Board

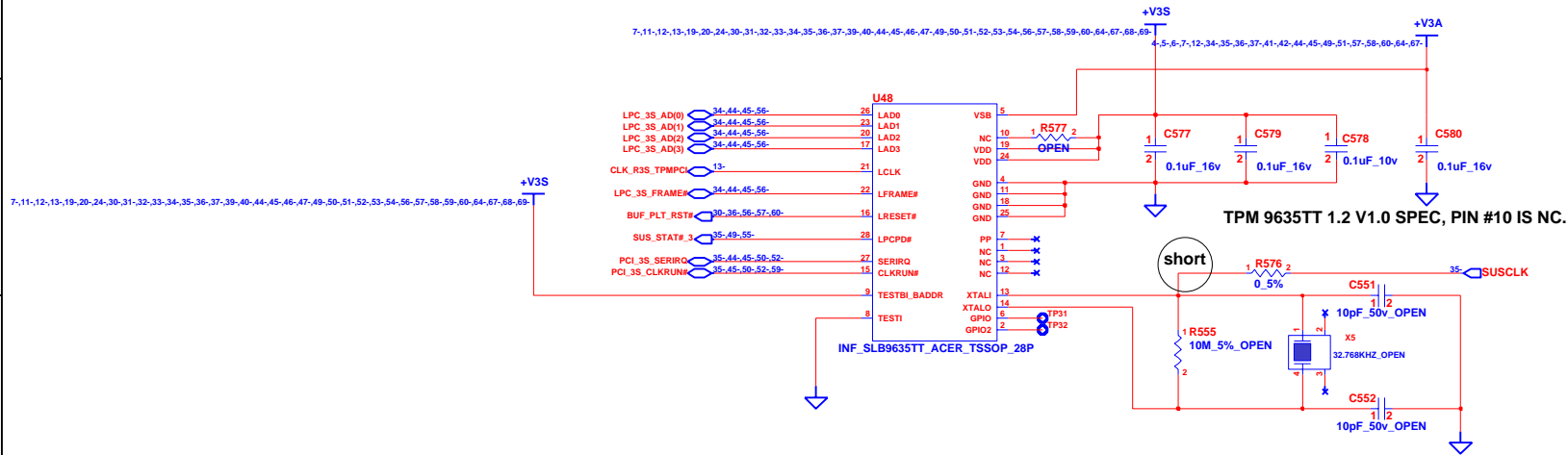
INVENTEC			
TITLE: Michigan Multi-Bay ODD Board			
SIZE: A3	CODE: CS	DOC. NUMBER: LF3821	REV: A02
CHANGE by: Drawer Name		26-Apr-2007	
SHEET: 66		OF: 70	



INVENTEC			
TITLE Michigan LED & SWITCH			
SIZE A3	CODE CS	DOC. NUMBER LF3821	REV A02
CHANGE by Drawer Name		20-Apr-2007	
SHEET 67		OF 70	



TCPA



INVENTEC

TITLE			
Michigan			
TCPA			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

CHANGE by *Drawer Name* 20-Apr-2007

SHEET 69 OF 70

