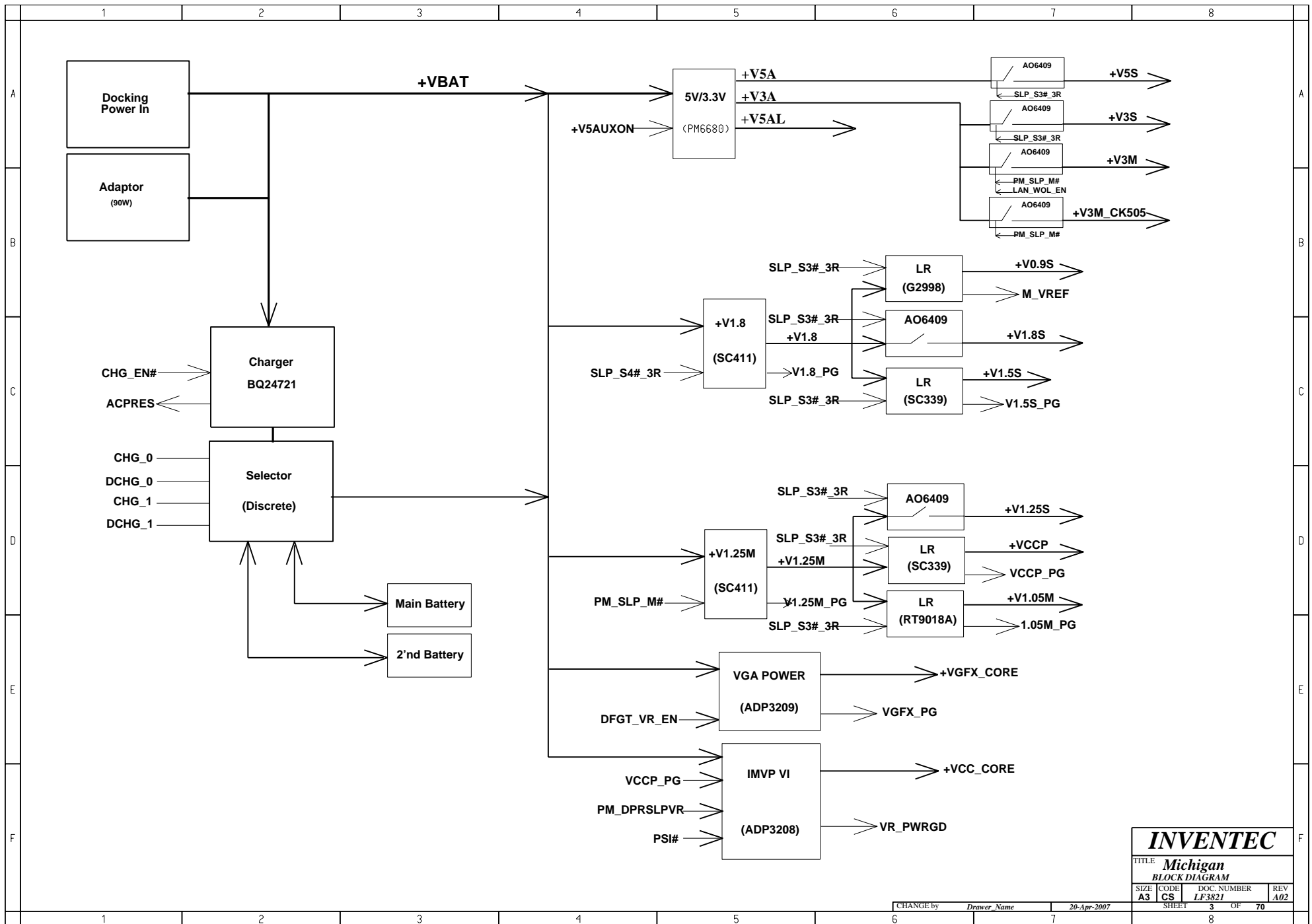


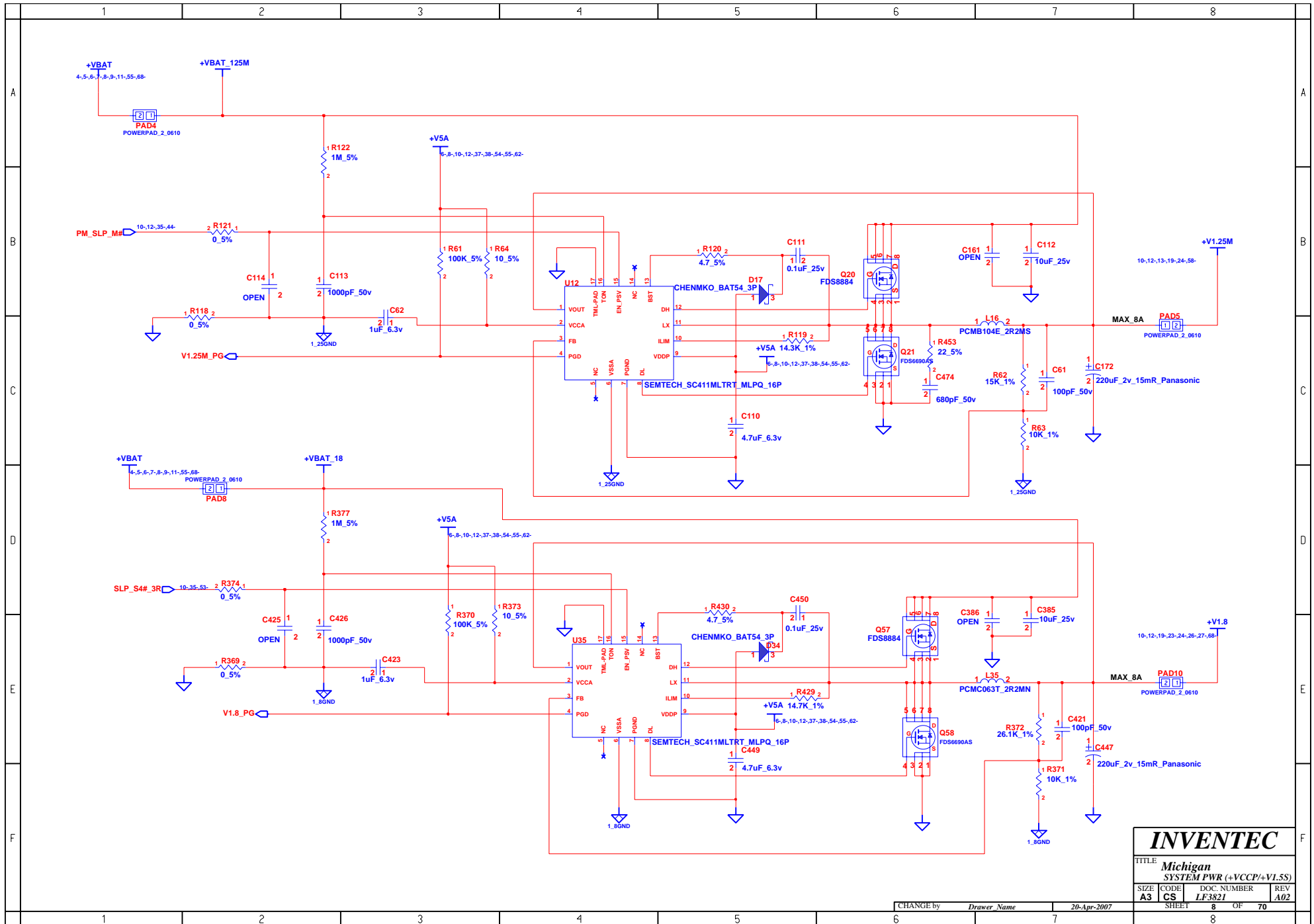
MICHIGAN

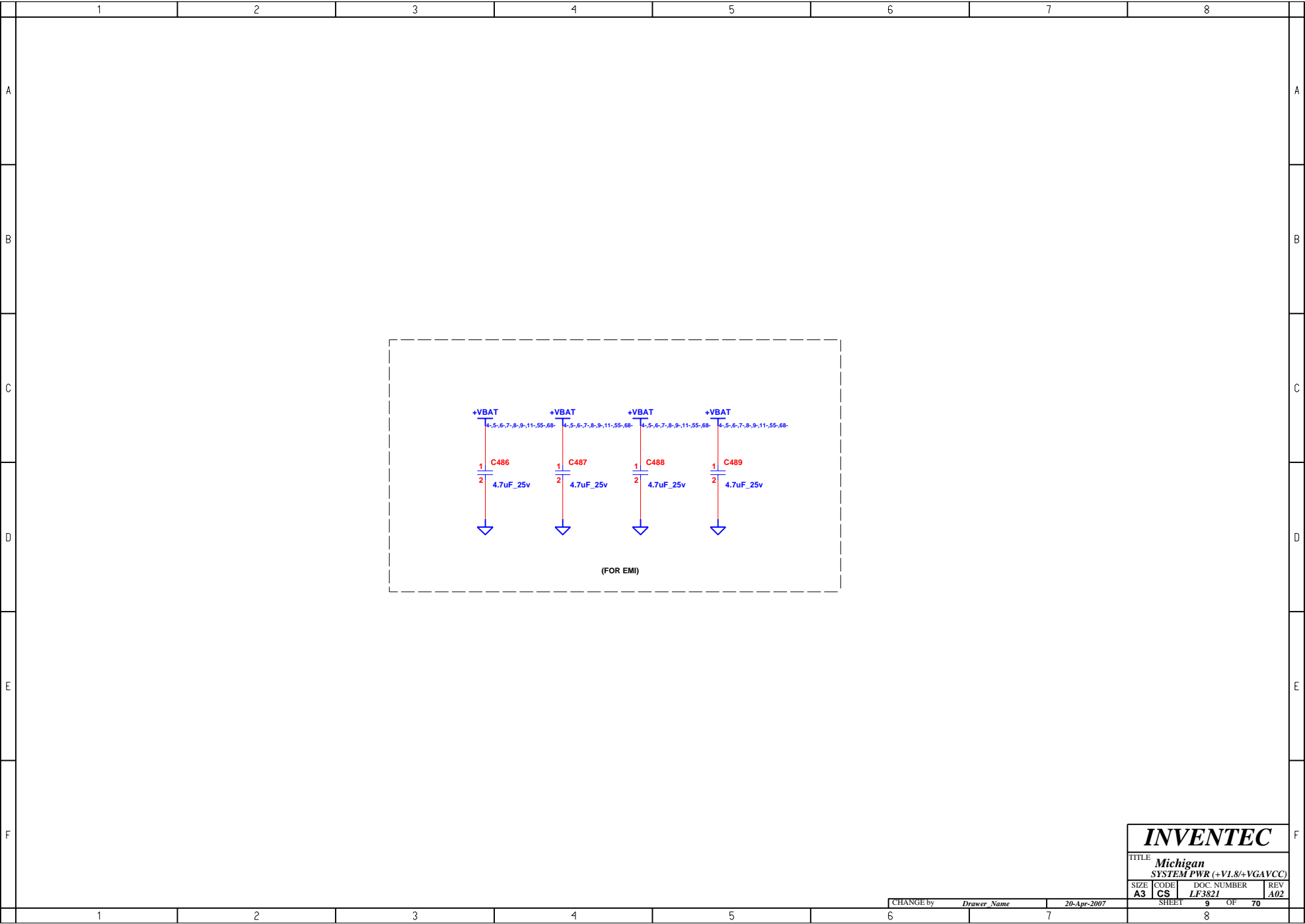
PAGE		PAGE		PAGE	
1	TABLE OF CONTENTS	27	DDR II CONNECTOR (DIMM 1)	53	CARDBUS CONNECTOR
2	SYSTEM BLOCK DIAGRAM	28	DDR II DAMPING	54	AUDIO CODEC
3	POWER BLOCK DIAGRAM	29	BLANK	55	AUDIO AMP & JACK
4	DC & BATTERY CHARGER	30	SDVO TO DVI	56	MINI CARD & SIM CARD SOCKET
5	BATTERY CONN & SELECT	31	CRT CONNECTOR	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	
21	CRESTLINE (3/7)	47	KB & TP & STICK POINT I/F	73	
22	CRESTLINE (4/7)	48	1394 CONNECTOR	74	
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		

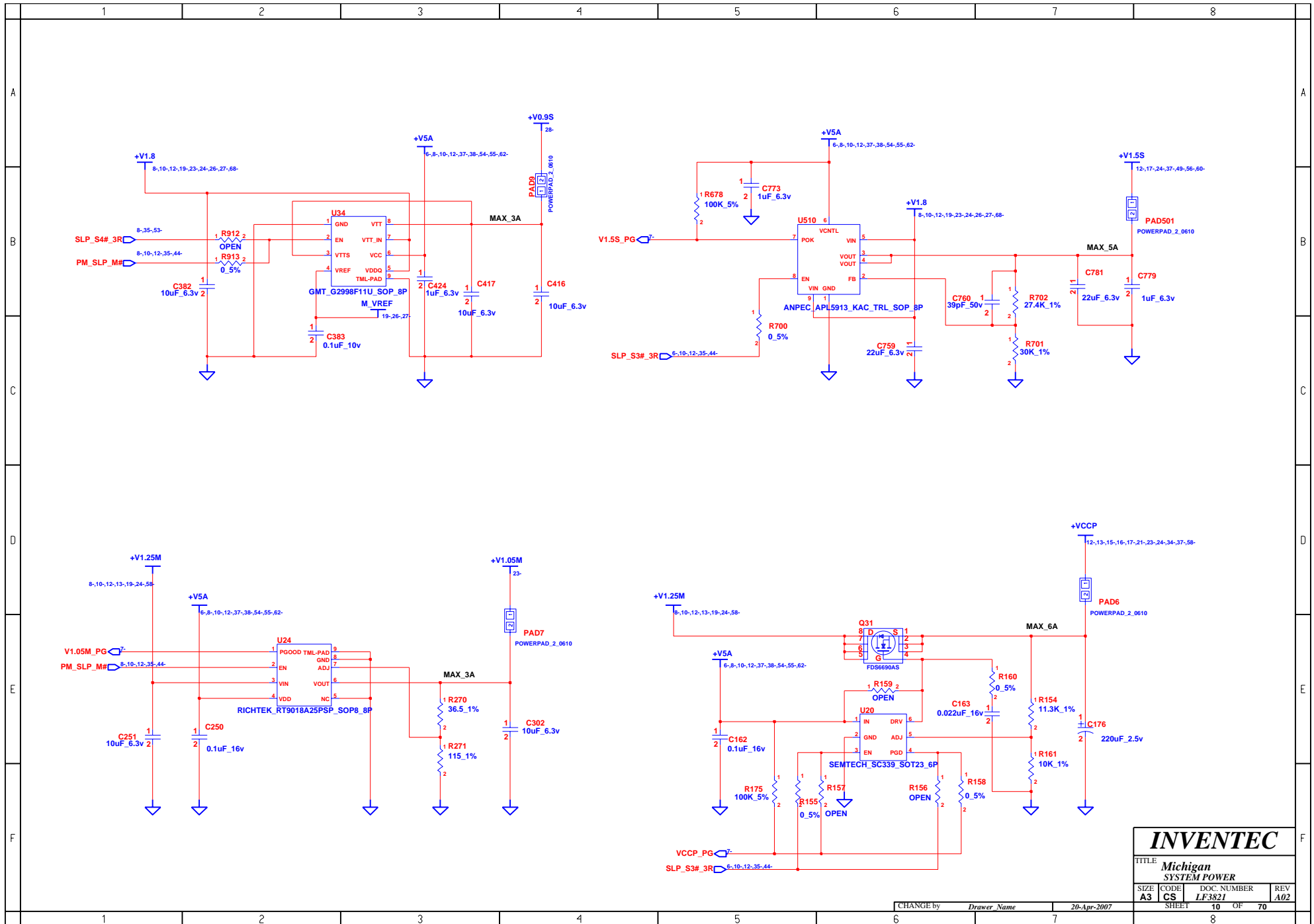
DATE	CHANGE NO.	REV

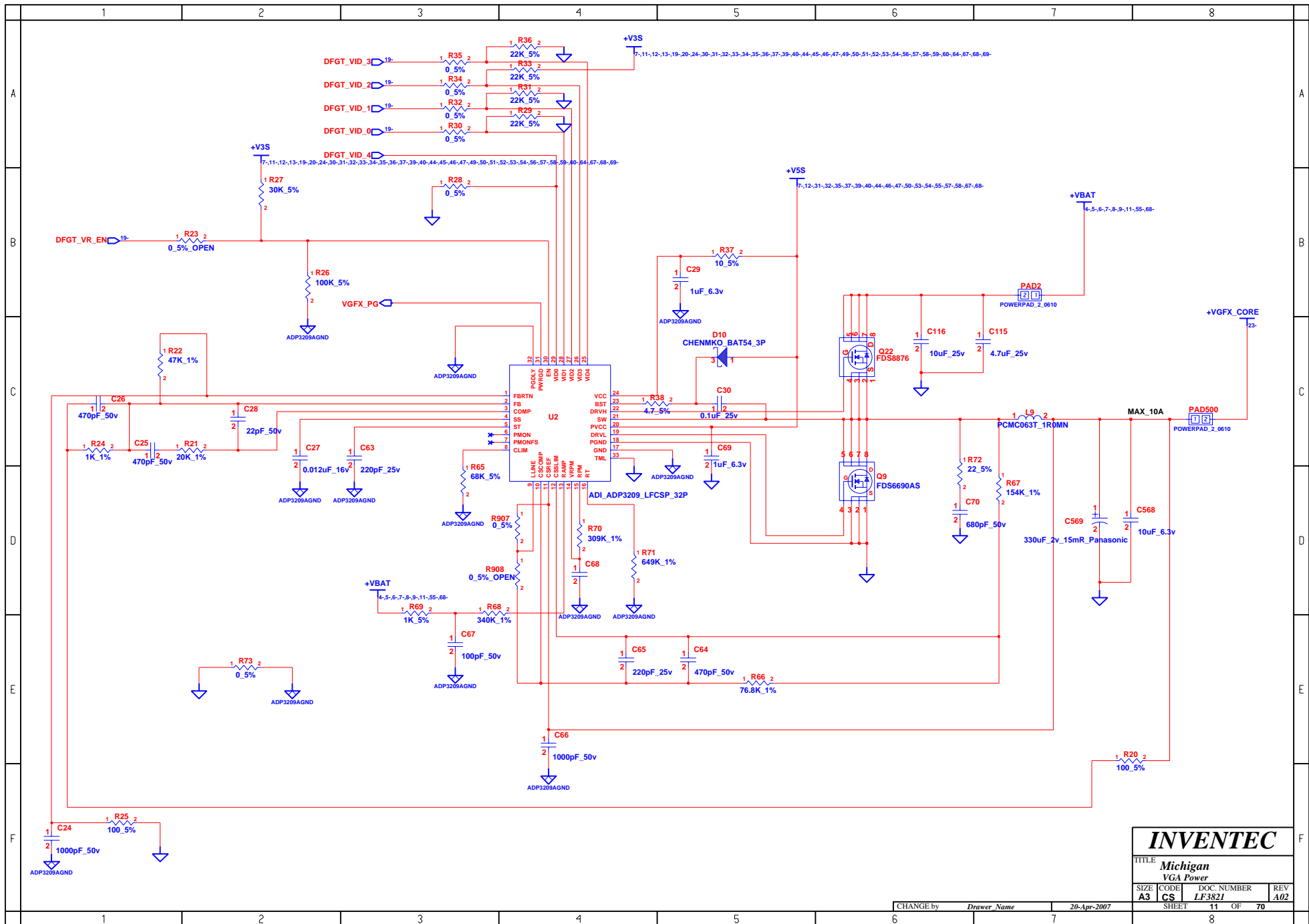
DRAWER	EE	DATE	POWER	DATE	INVENTEC TITLE <i>Michigan</i>
DESIGN					
CHECK					
RESPONSIBLE					
SIZE =	3	VER :			SIZE A3 CODE CS DOC. NUMBER LF3821 REV A02
FILE NAME :	XXXX-XXXXXX-XX				
P/N	XXXXXXXXXXXX				SHEET 1 OF 70

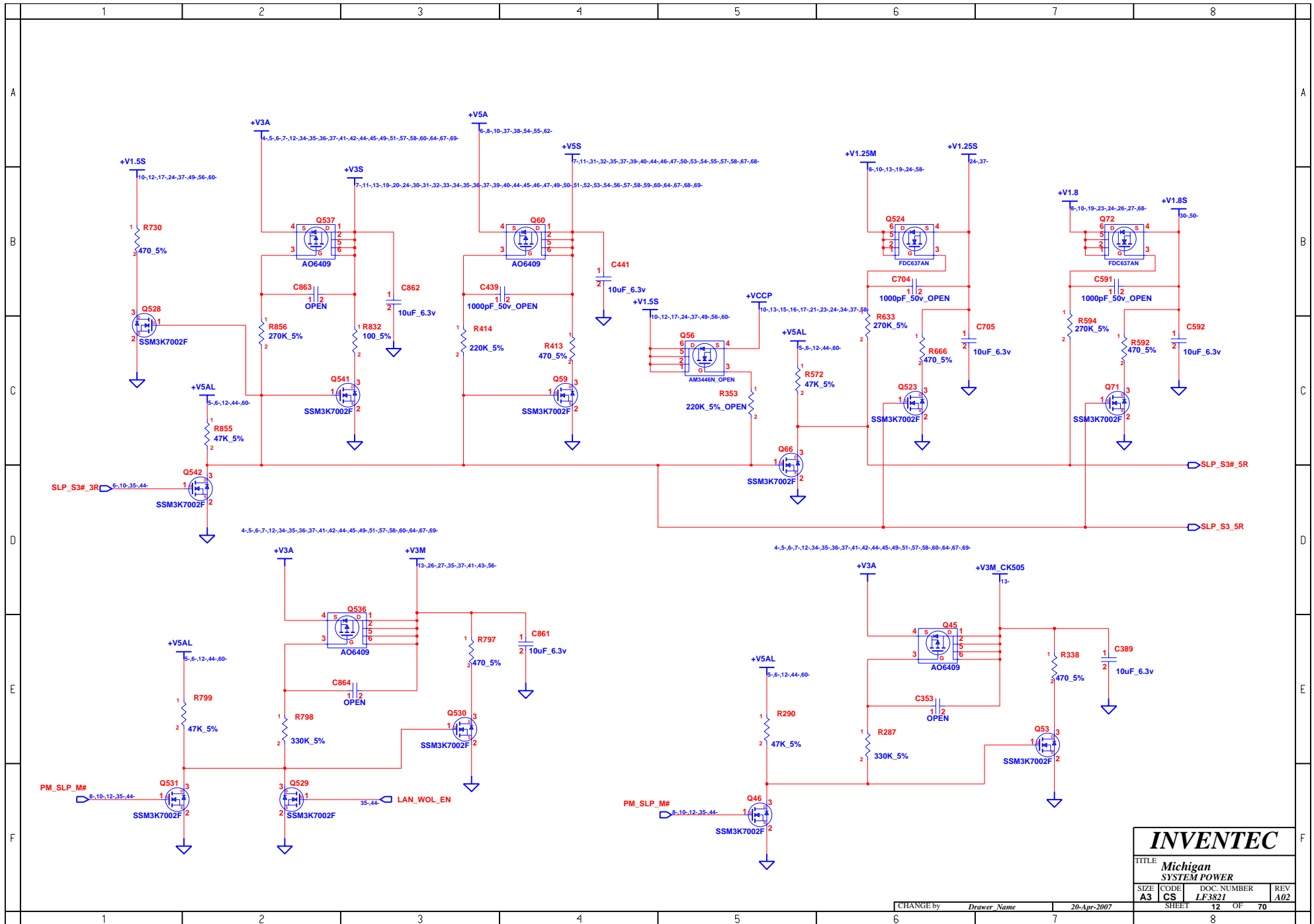












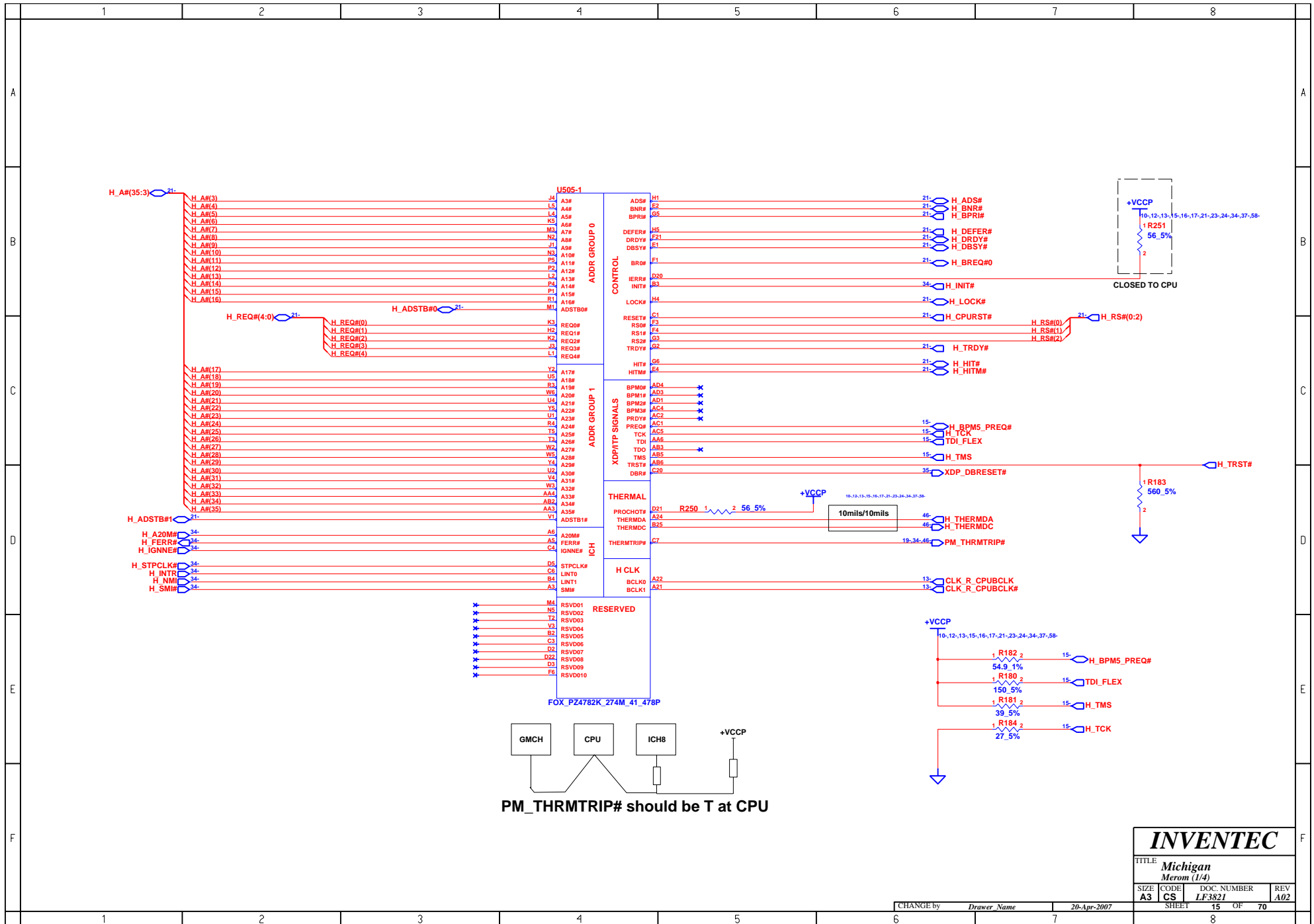
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B									B
C									C
D									D
E									E
F									F
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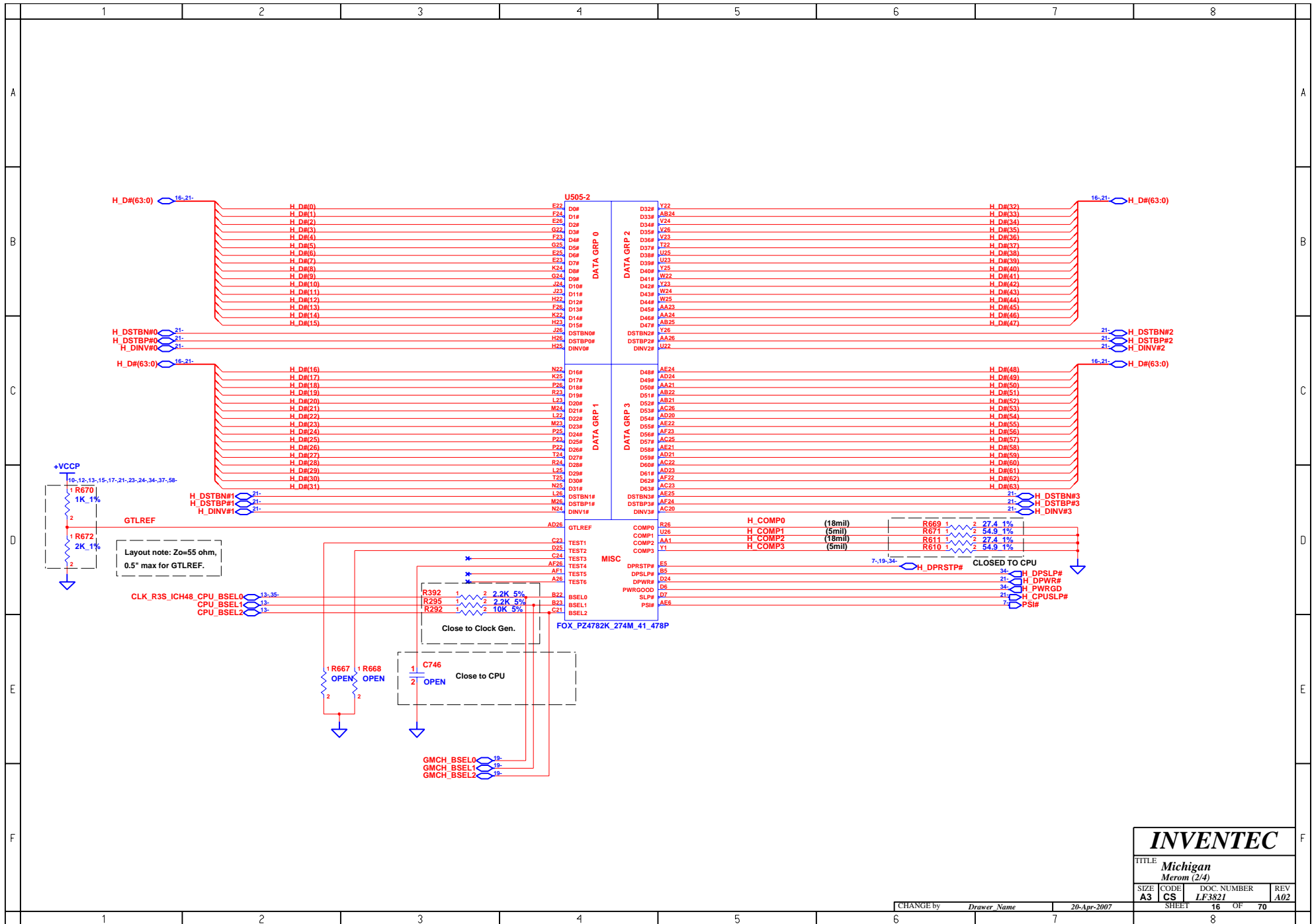
INVENTEC

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



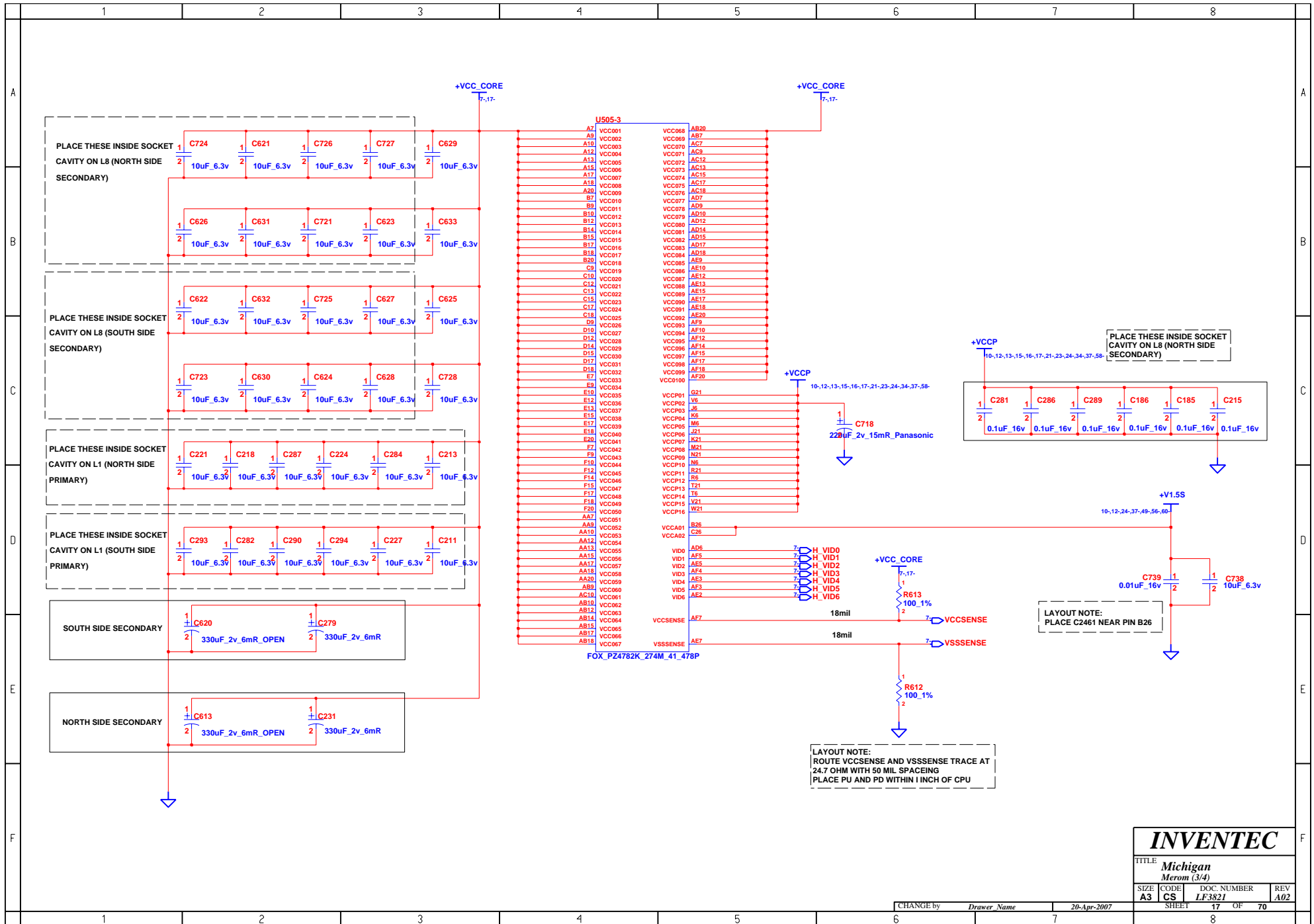


INVENTEC

TITLE			
Michigan Merom (2/4)			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

CHANGE by *Drawer Name* 20-Apr-2007

SHEET 16 OF 70



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

U505-4

A4

VSS001

A8

VSS002

A11

VSS003

A14

VSS004

A16

VSS005

A19

VSS006

A23

VSS007

A24

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

D13

VSS030

D16

VSS031

D19

VSS032

D23

VSS033

D26

VSS034

E3

VSS035

E6

VSS036

E8

VSS037

E11

VSS038

E14

VSS039

E16

VSS040

E19

VSS041

E21

VSS042

E24

VSS043

F5

VSS044

F8

VSS045

F11

VSS046

F13

VSS047

F16

VSS048

F19

VSS049

F2

VSS050

F22

VSS051

F25

VSS052

G4

VSS053

G11

VSS054

G23

VSS055

G26

VSS056

H3

VSS057

H6

VSS058

H21

VSS059

H24

VSS060

J2

VSS061

J5

VSS062

J22

VSS063

J25

VSS064

K1

VSS065

K4

VSS066

K23

VSS067

K26

VSS068

L3

VSS069

L6

VSS070

L21

VSS071

L24

VSS072

M2

VSS073

M5

VSS074

M22

VSS075

M25

VSS076

N1

VSS077

N4

VSS078

N23

VSS079

N26

VSS080

P3

VSS081

P6

VSS082

P21

VSS083

P24

VSS084

R2

VSS085

R5

VSS086

R22

VSS087

R25

VSS088

T1

VSS089

T4

VSS090

T23

VSS091

T26

VSS092

U3

VSS093

U6

VSS094

U21

VSS095

U24

VSS096

V2

VSS097

V5

VSS098

V22

VSS099

V25

VSS100

W1

VSS101

W4

VSS102

W23

VSS103

W26

VSS104

X3

VSS105

X6

VSS106

Y21

VSS107

Y24

VSS108

AA2

VSS109

AA5

VSS110

AA8

VSS111

AA11

VSS112

AA14

VSS113

AA16

VSS114

AA19

VSS115

AA22

VSS116

AA25

VSS117

AB1

VSS118

AB4

VSS119

AB8

VSS120

AB11

VSS121

AB13

VSS122

AB16

VSS123

AB19

VSS124

AB23

VSS125

AB26

VSS126

AC3

VSS127

AC6

VSS128

AC8

VSS129

AC11

VSS130

AC14

VSS131

AC16

VSS132

AC19

VSS133

AC21

VSS134

AC24

VSS135

AD2

VSS136

AD5

VSS137

AD8

VSS138

AD11

VSS139

AD13

VSS140

AD16

VSS141

AD19

VSS142

AD22

VSS143

AD25

VSS144

AE1

VSS145

AE4

VSS146

AE8

VSS147

AE11

VSS148

AE14

VSS149

AE16

VSS150

AE19

VSS151

AE23

VSS152

AE26

VSS153

AZ

VSS154

AF6

VSS155

AF8

VSS156

AF11

VSS157

AF13

VSS158

AF16

VSS159

AF19

VSS160

AF21

VSS161

AZ5

VSS162

AF25

VSS163

FOX_PZ4782K_274M_41_478P

INVENTEC

TITLE

Michigan

Merom (4/4)

SIZE

A3

CODE

CS

DOC. NUMBER

LF3821

REV

A02

CHANGE by

Drawer Name

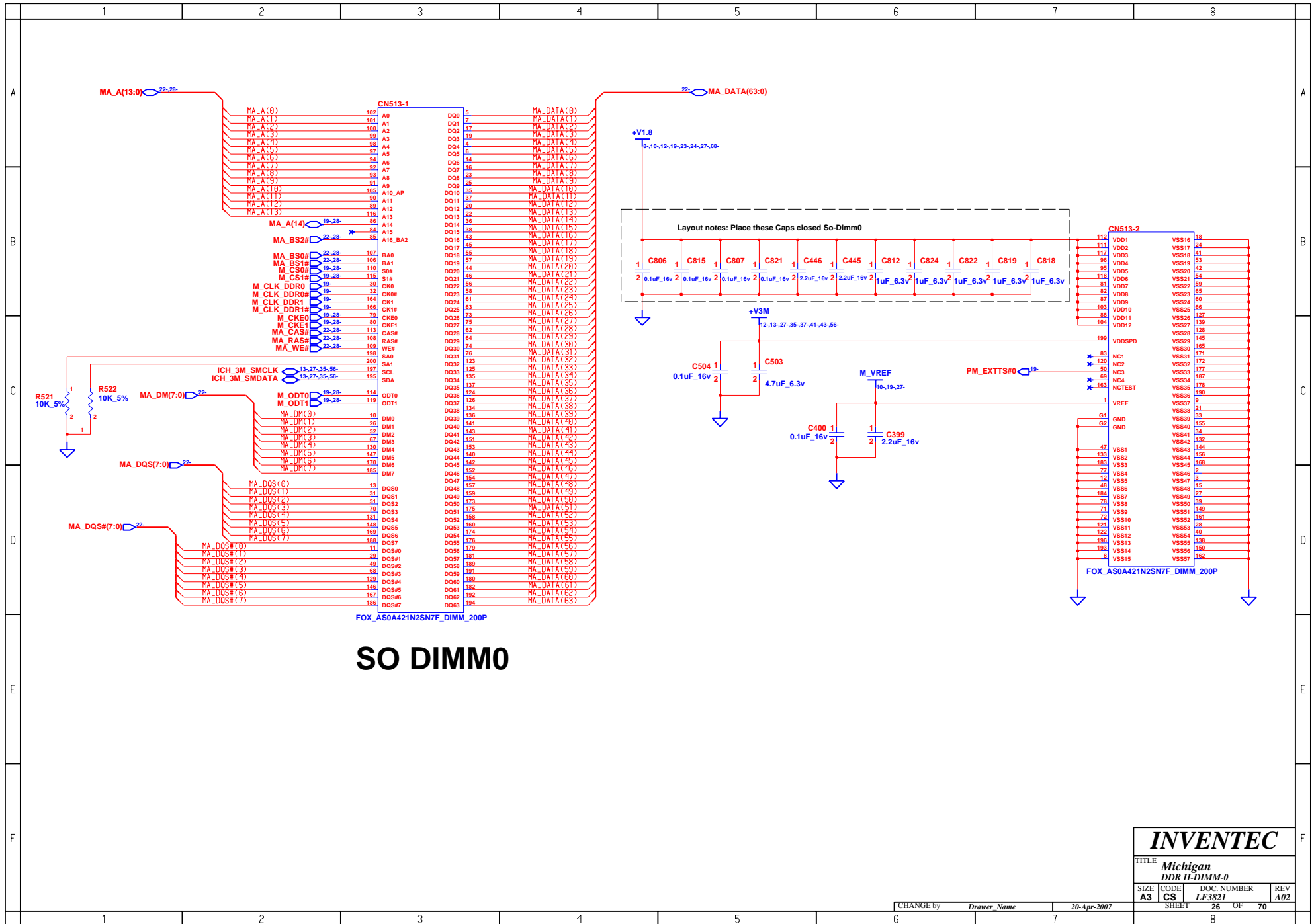
20-Apr-2007

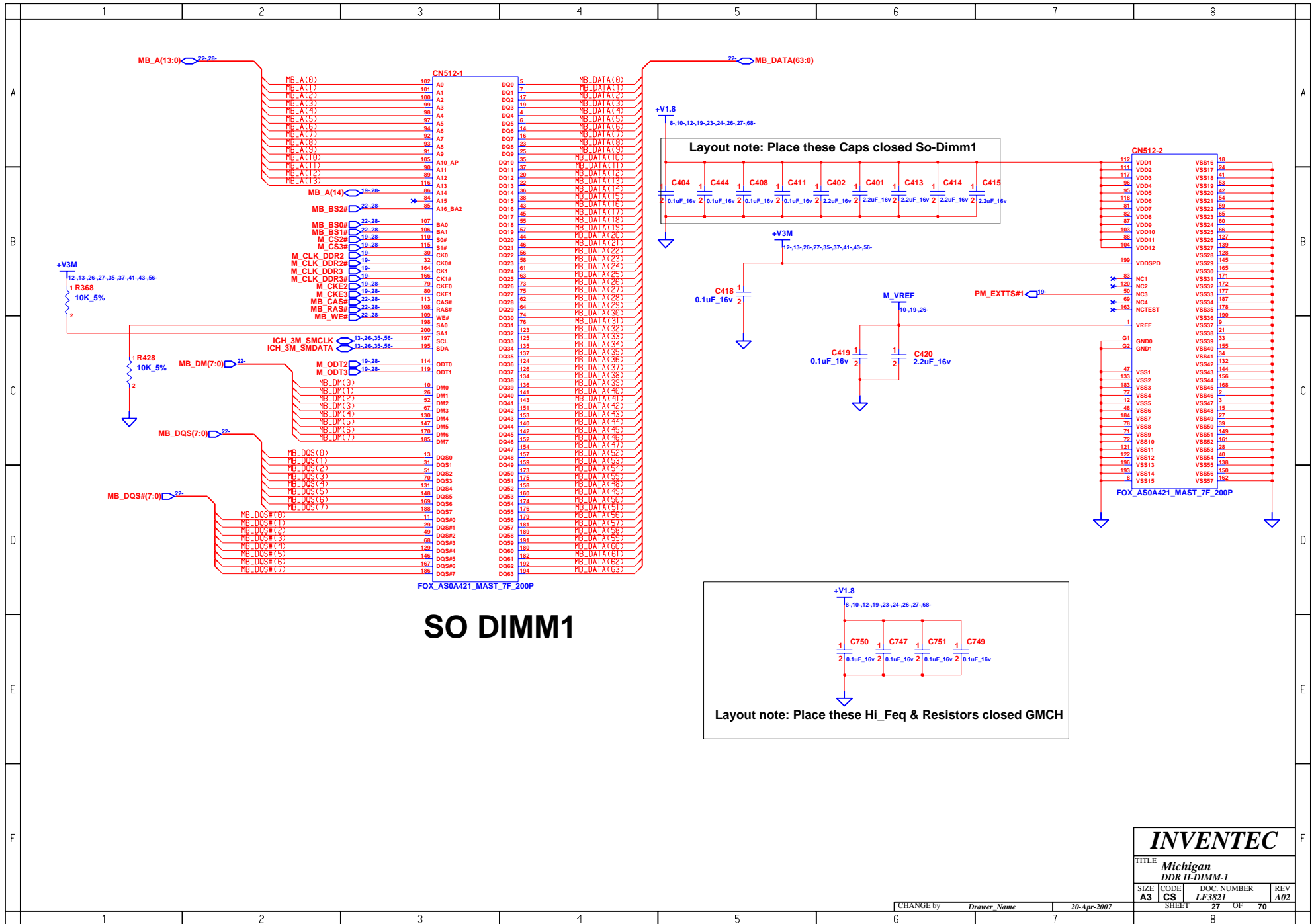
SHEET

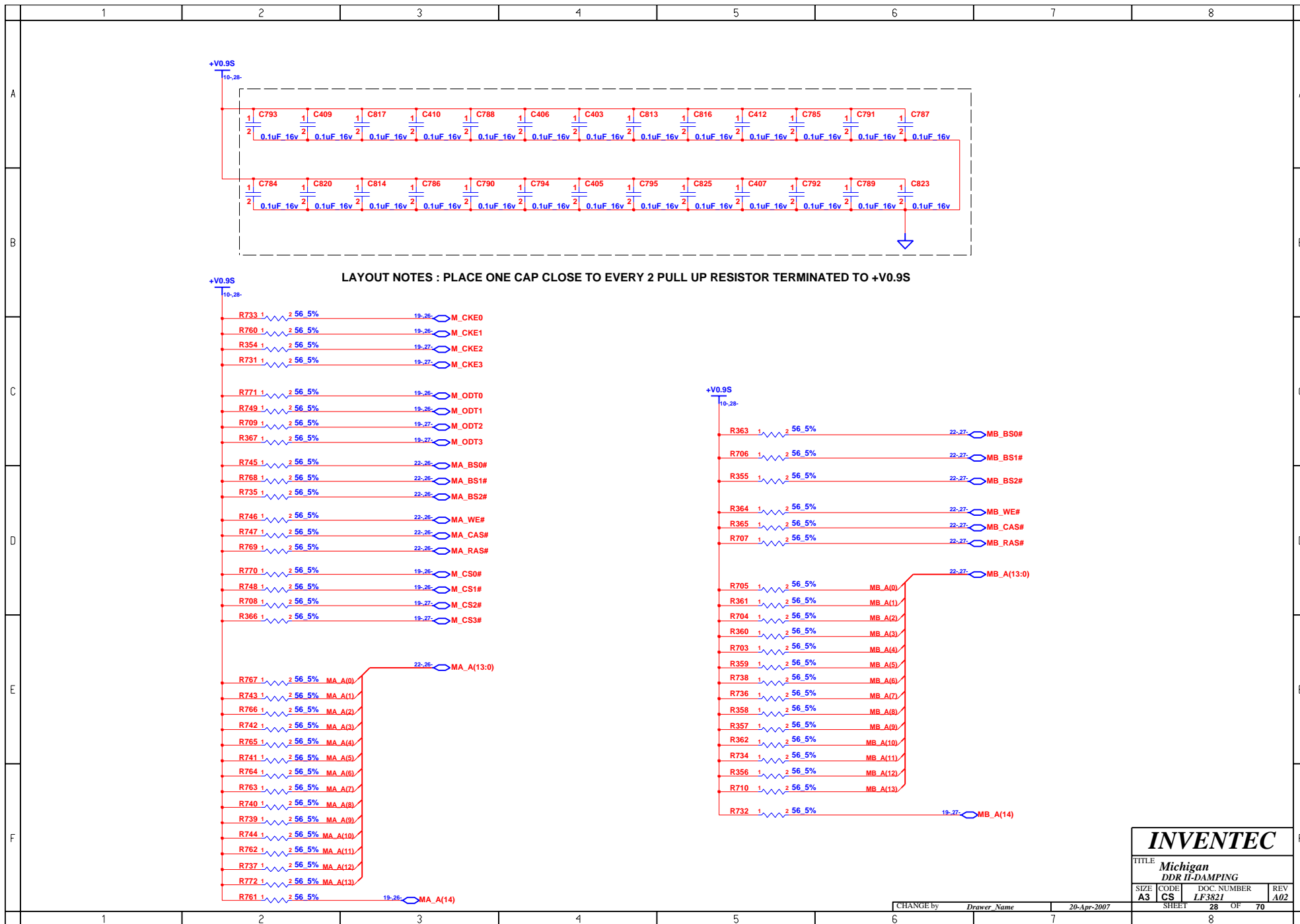
18

OF

70







	1	2	3	4	5	6	7	8	
A	<div>BLANK</div>								A
B									B
C									C
D									D
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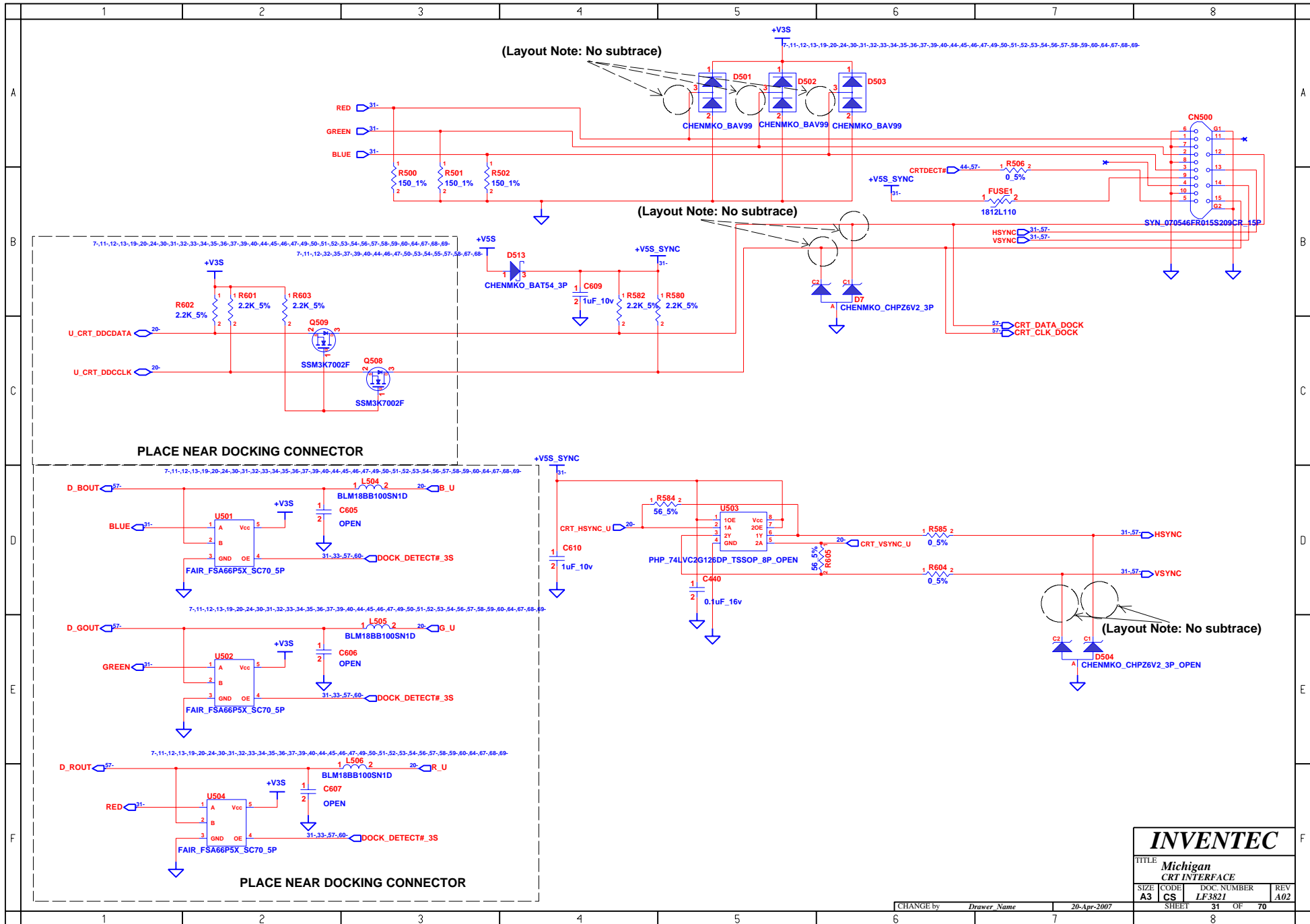
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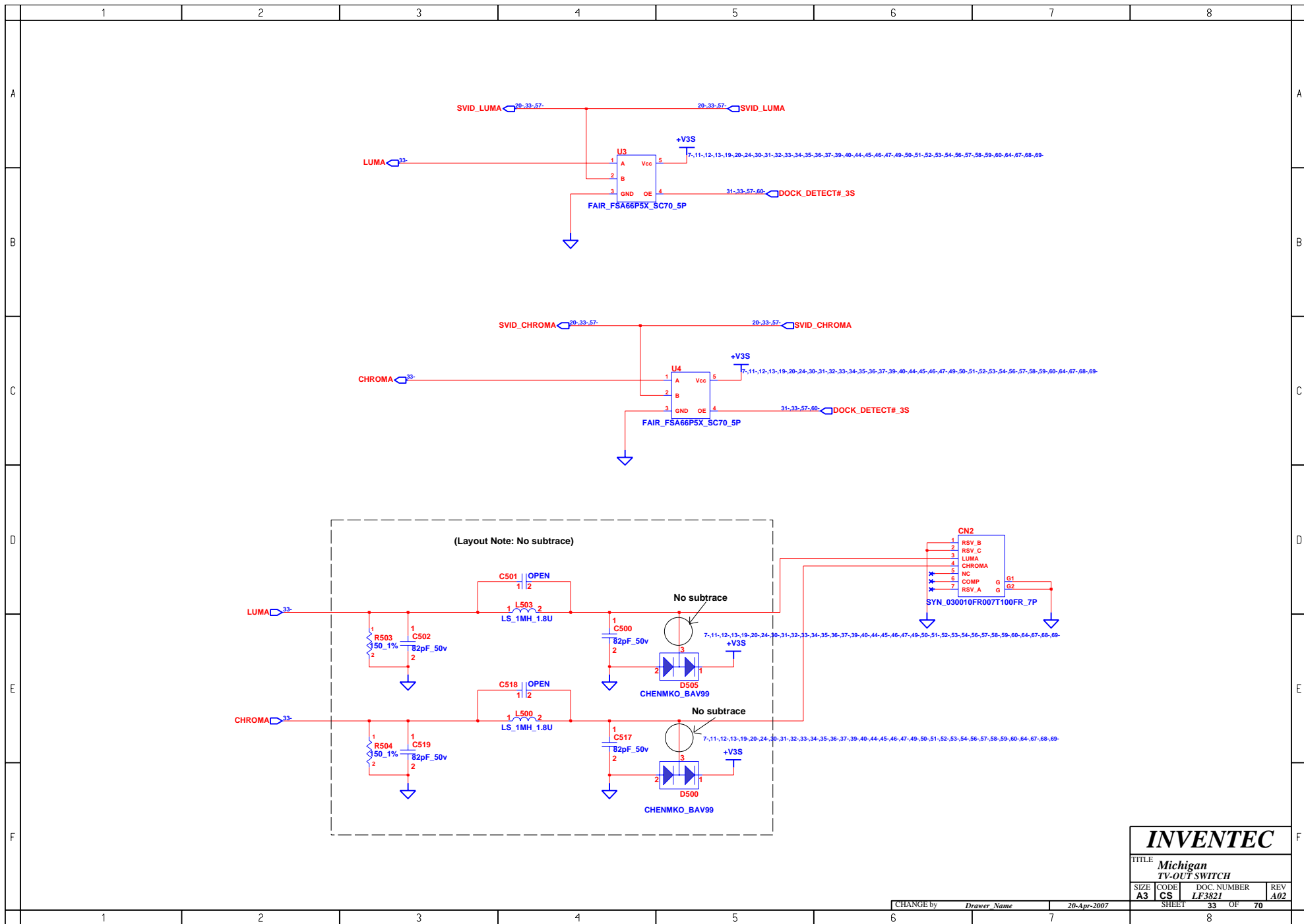
TITLE *Michigan*

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

SHEET 29 OF 70





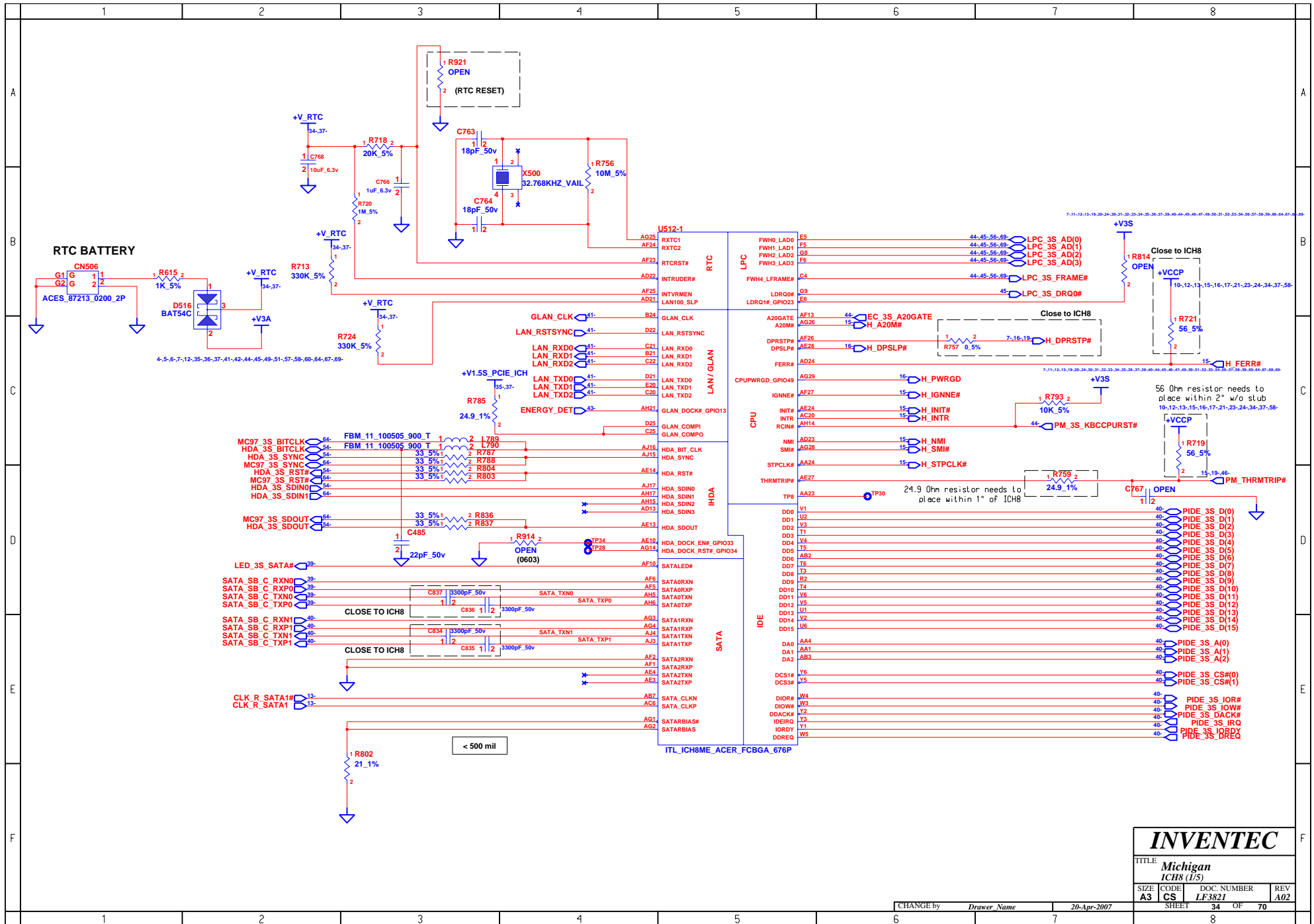
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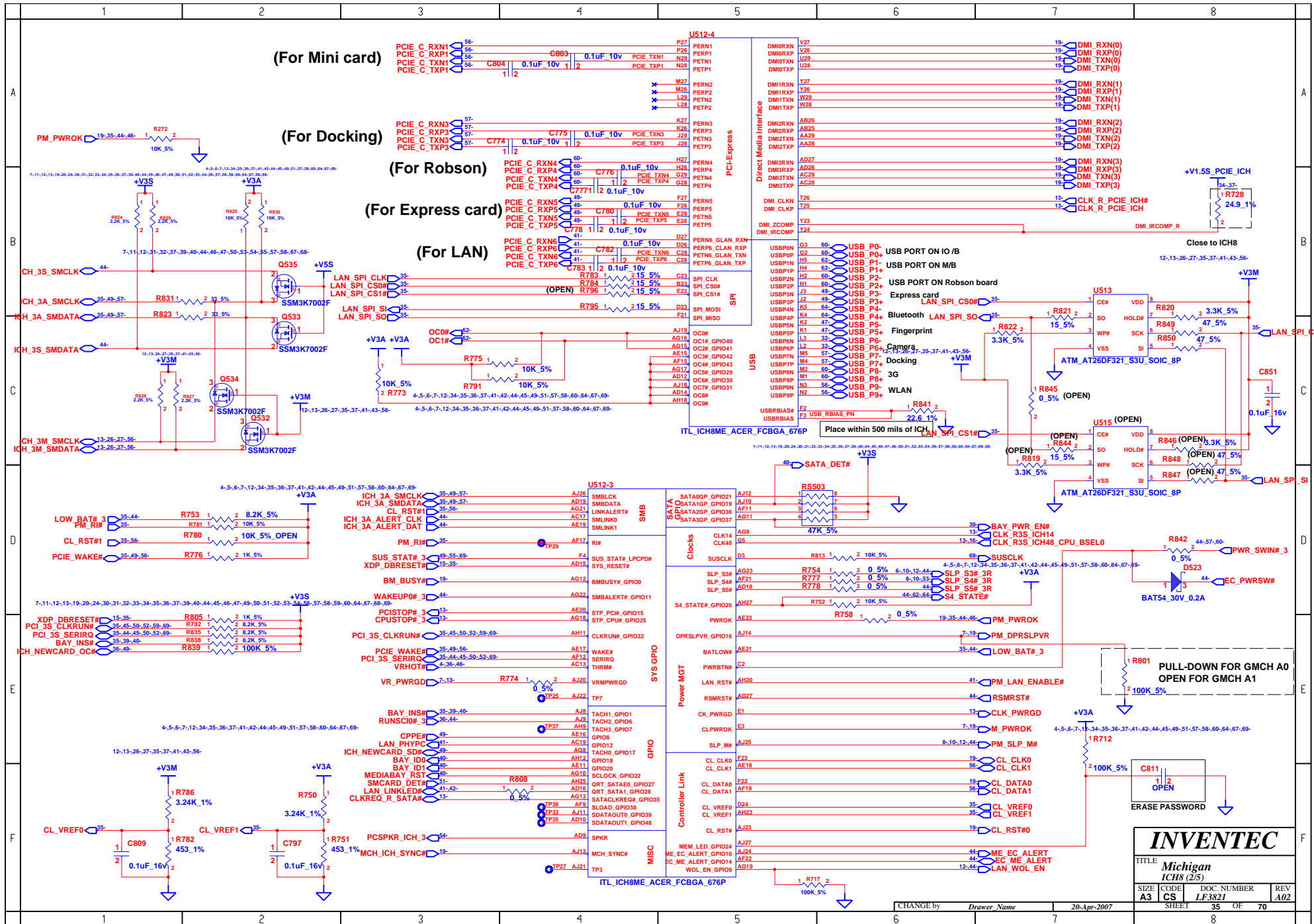
TITLE
**Michigan
TV-OUT SWITCH**

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

SHEET 33 OF 70





U512-5

ITL_ICH8ME_ACER_FCBGA_676P

1 2 3 4 5 6 7 8

A

B

C

D

E

F

1 2 3 4 5 6 7 8

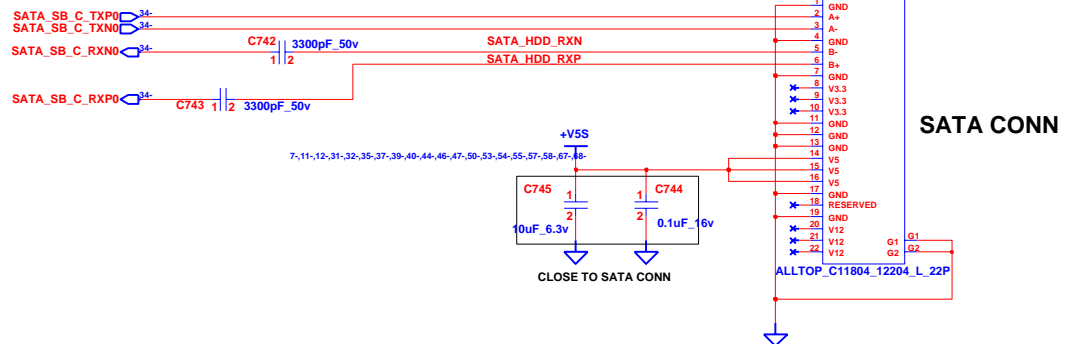
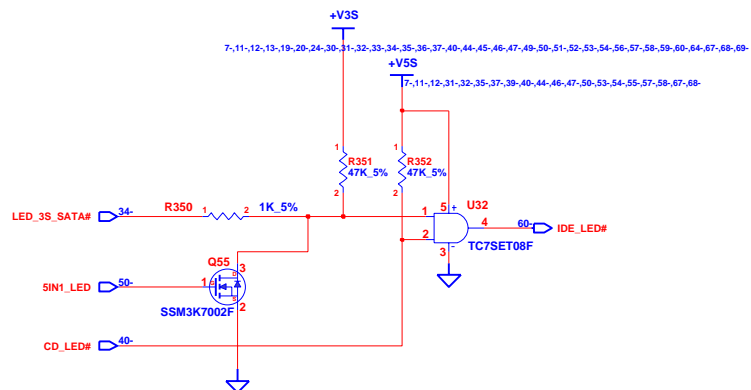
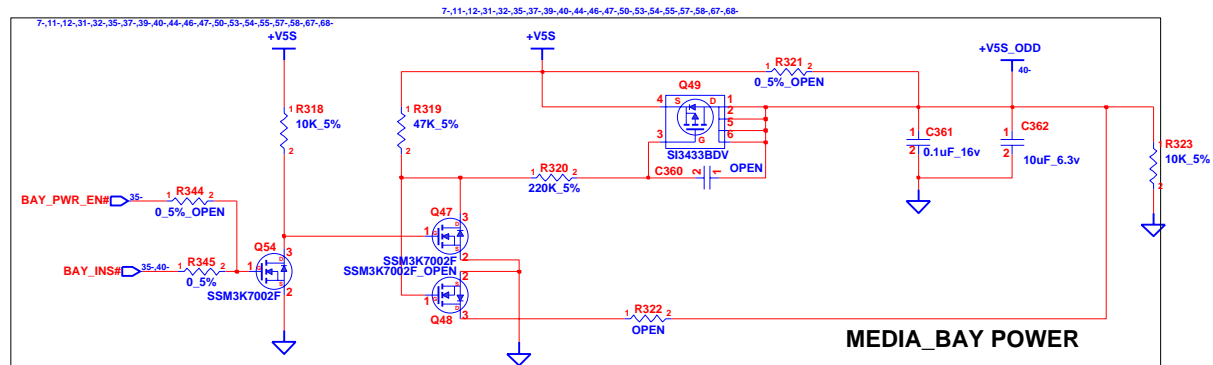
CHANGE by: *Drawer Name* 20-Apr-2007

SIZE CODE DOC. NUMBER REV
A3 CS LF3821 A02

SHEET 38 OF 70

INVENTEC

TITLE *Michigan*
ICH8 (S5)



INVENTEC

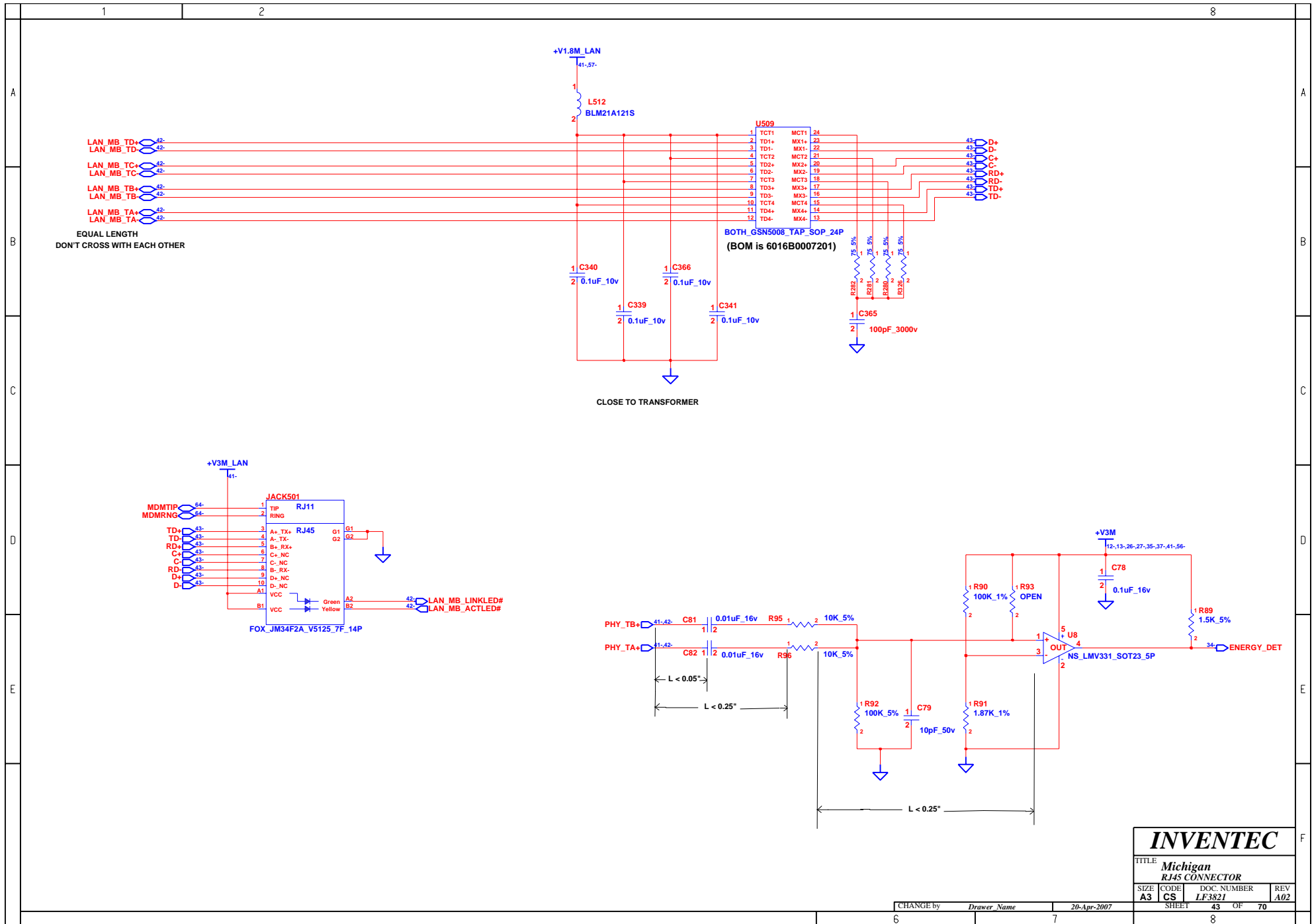
TITLE **Michigan**
HDD CONNECTOR

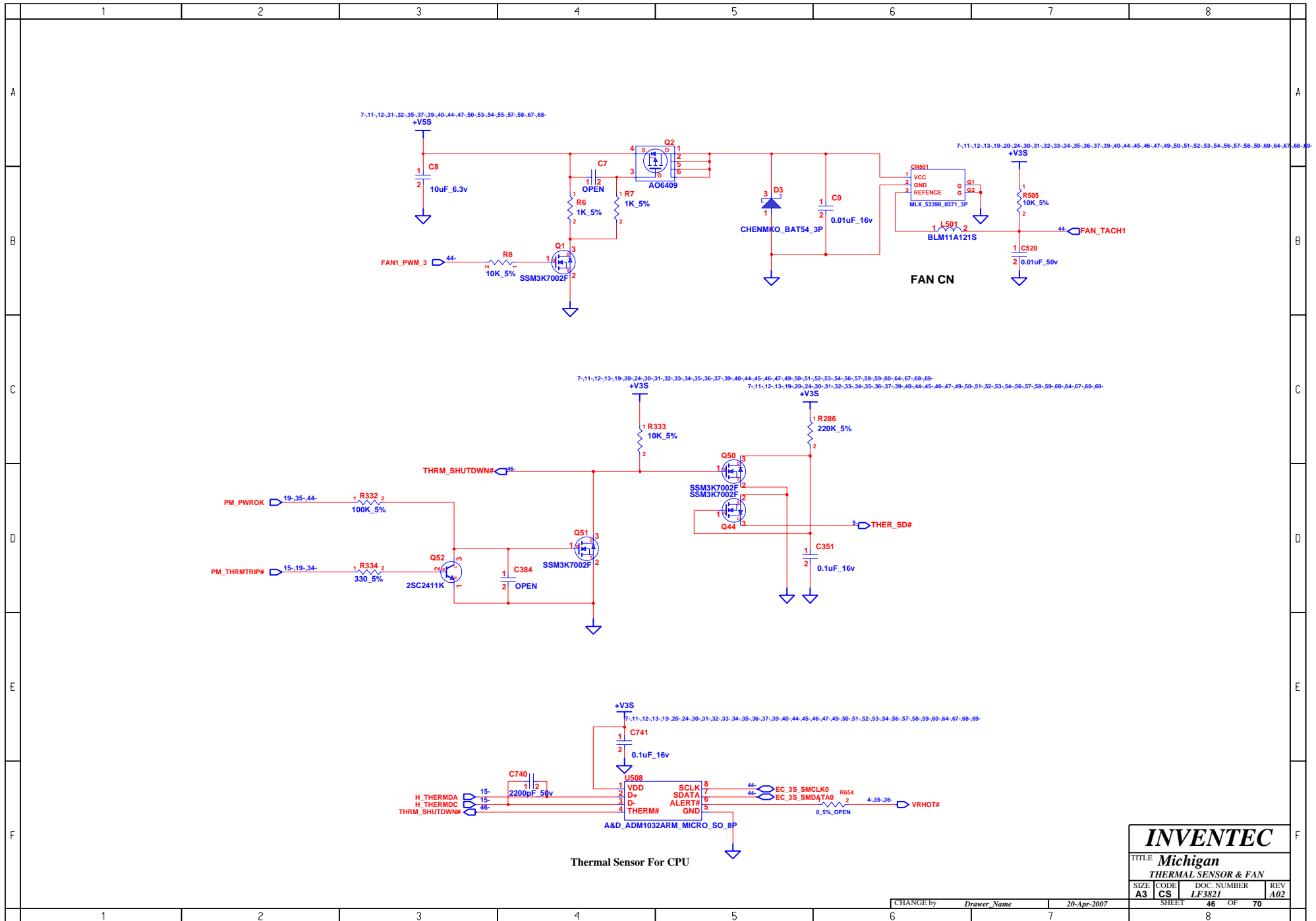
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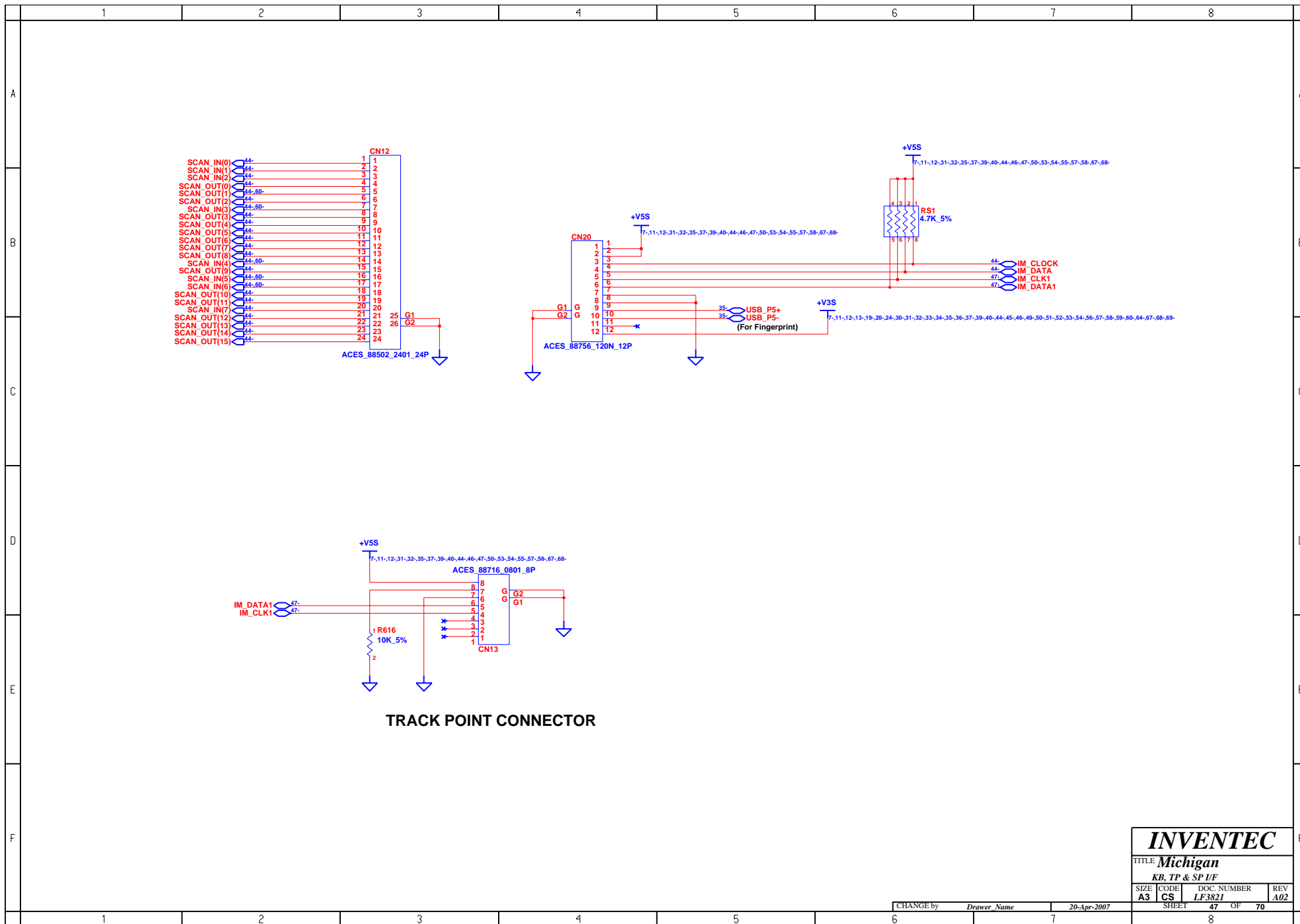
CHANGE by *Drawer Name* 20-Apr-2007

SHEET 39 OF 70

[illegible]





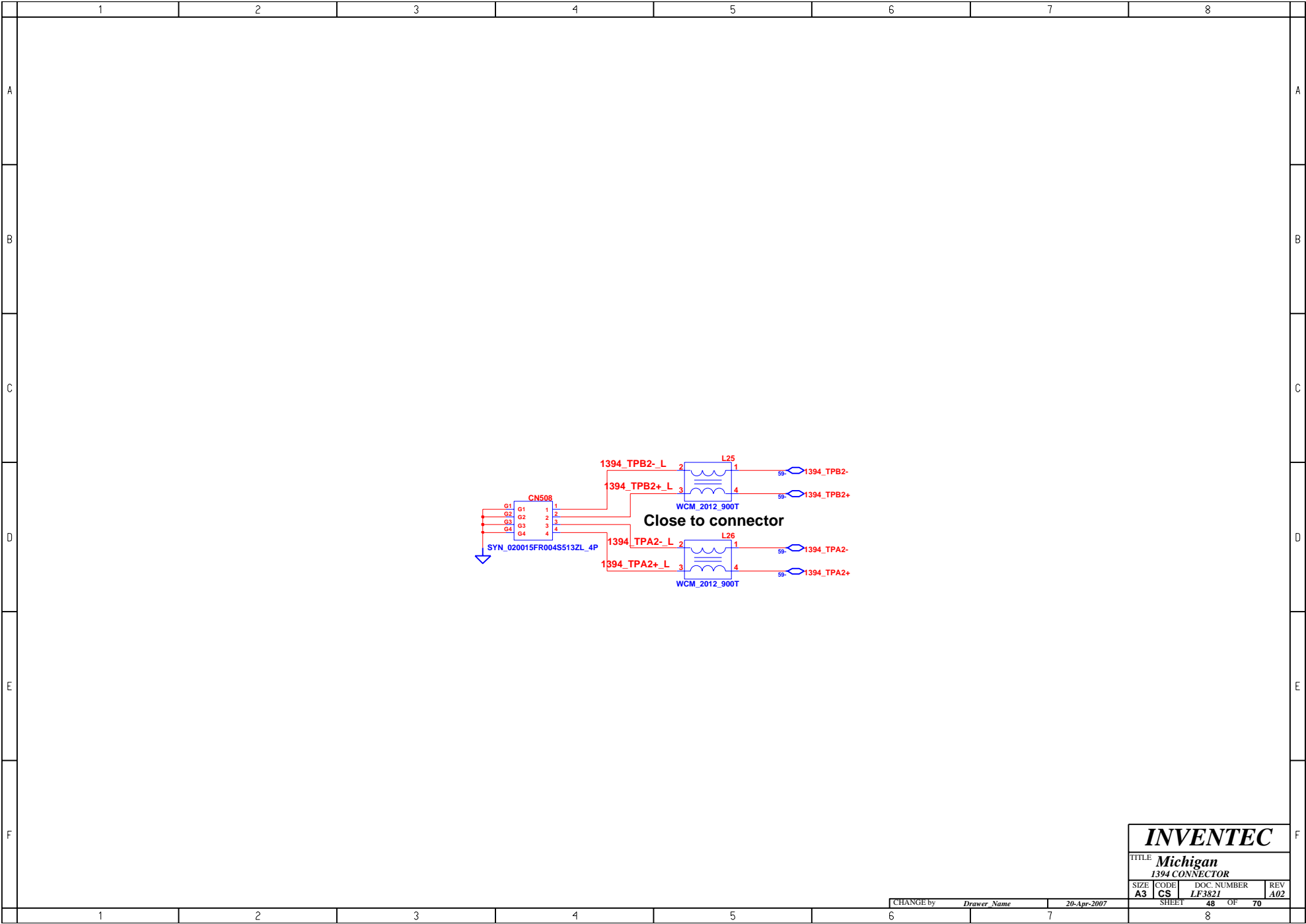


TRACK POINT CONNECTOR

INVENTEC			
TITLE <i>Michigan</i>			
KB, TP & SP I/F			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

CHANGE by *Drawer Name* 20-Apr-2007

SHEET 47 OF 70



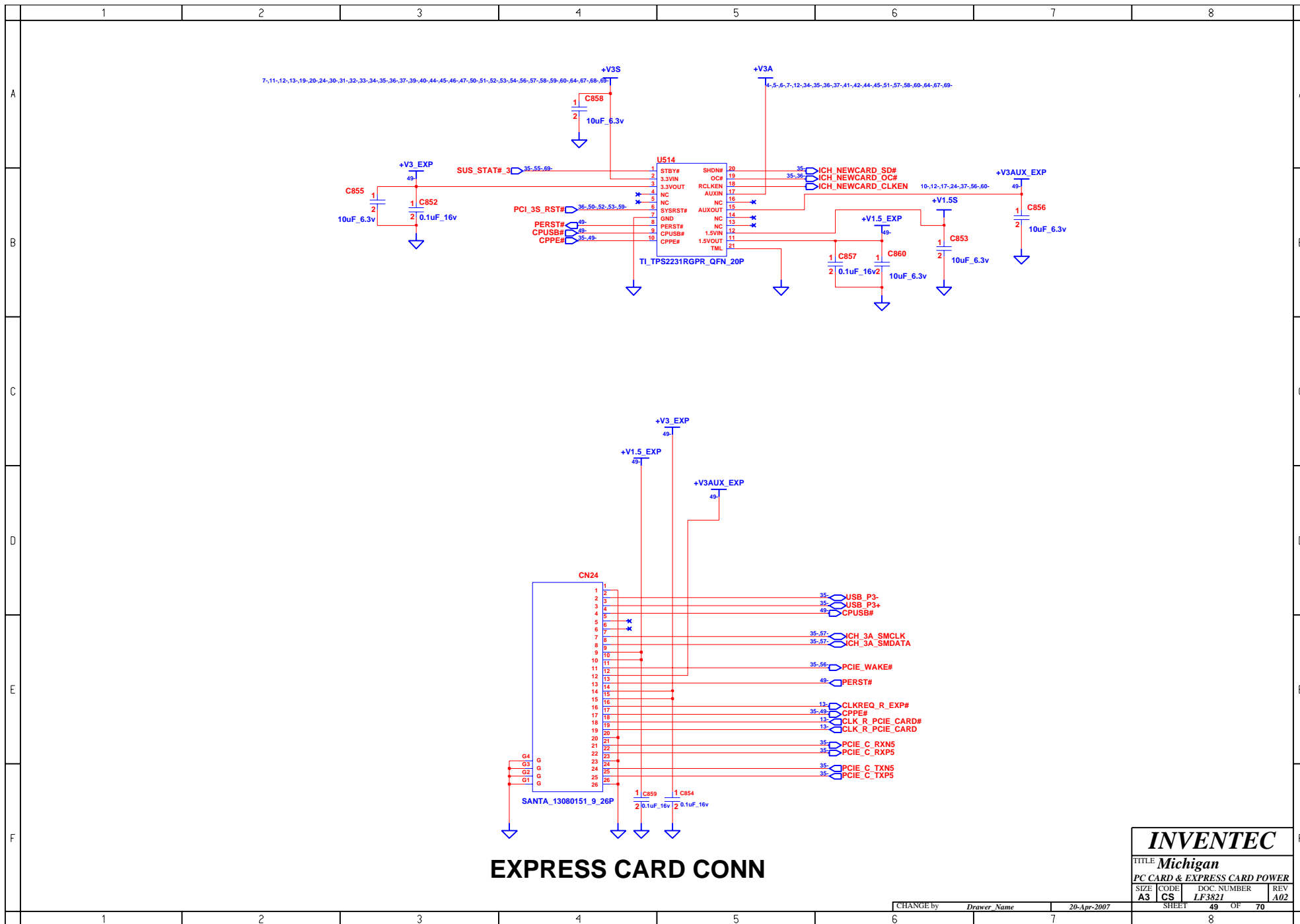
INVENTEC

TITLE **Michigan**
1394 CONNECTOR

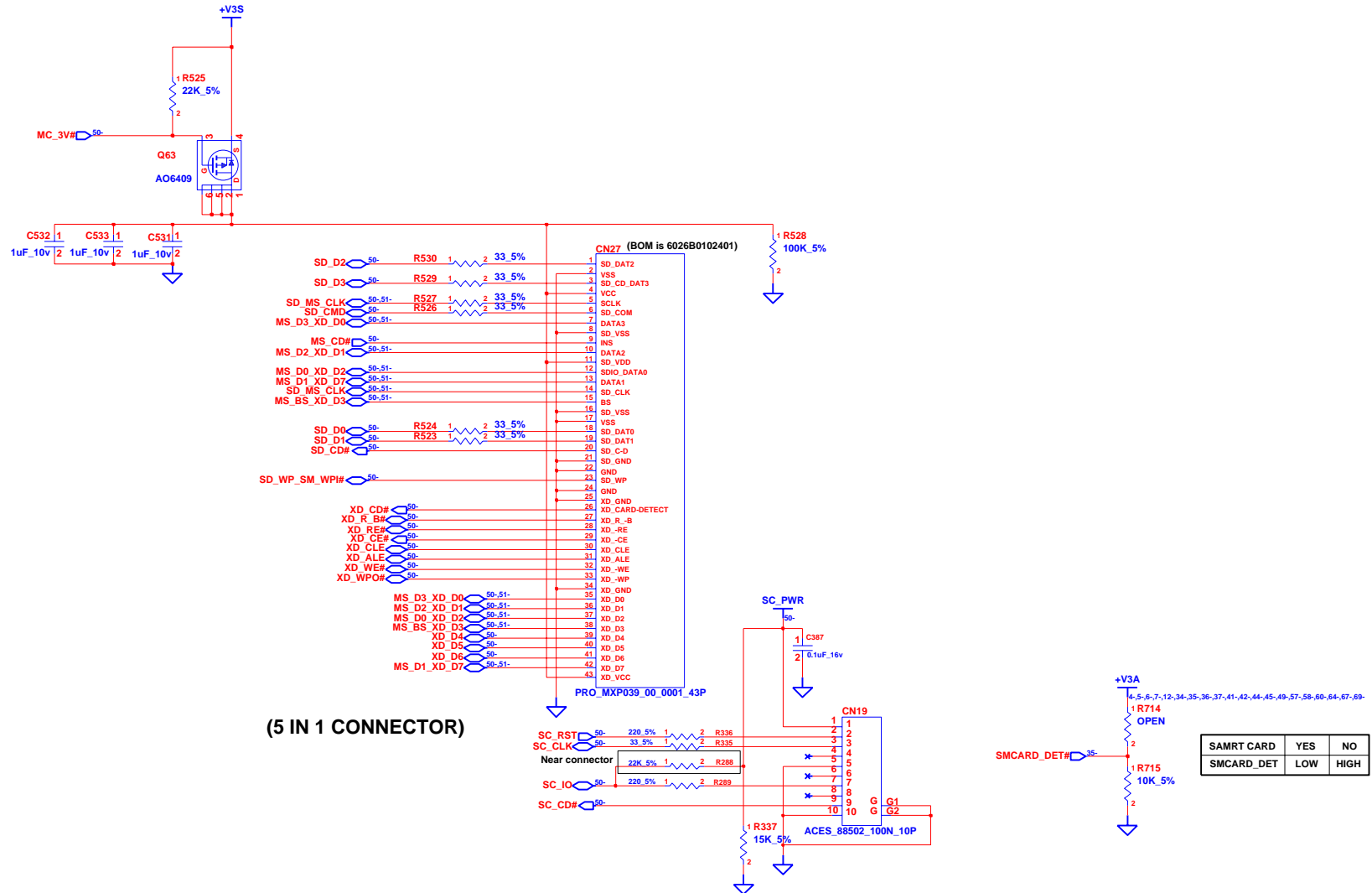
SIZE A3	CODE CS	DOC. NUMBER LF3821	REV A02
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CHANGE by *Drawer Name* 20-Apr-2007

SHEET 48 OF 70



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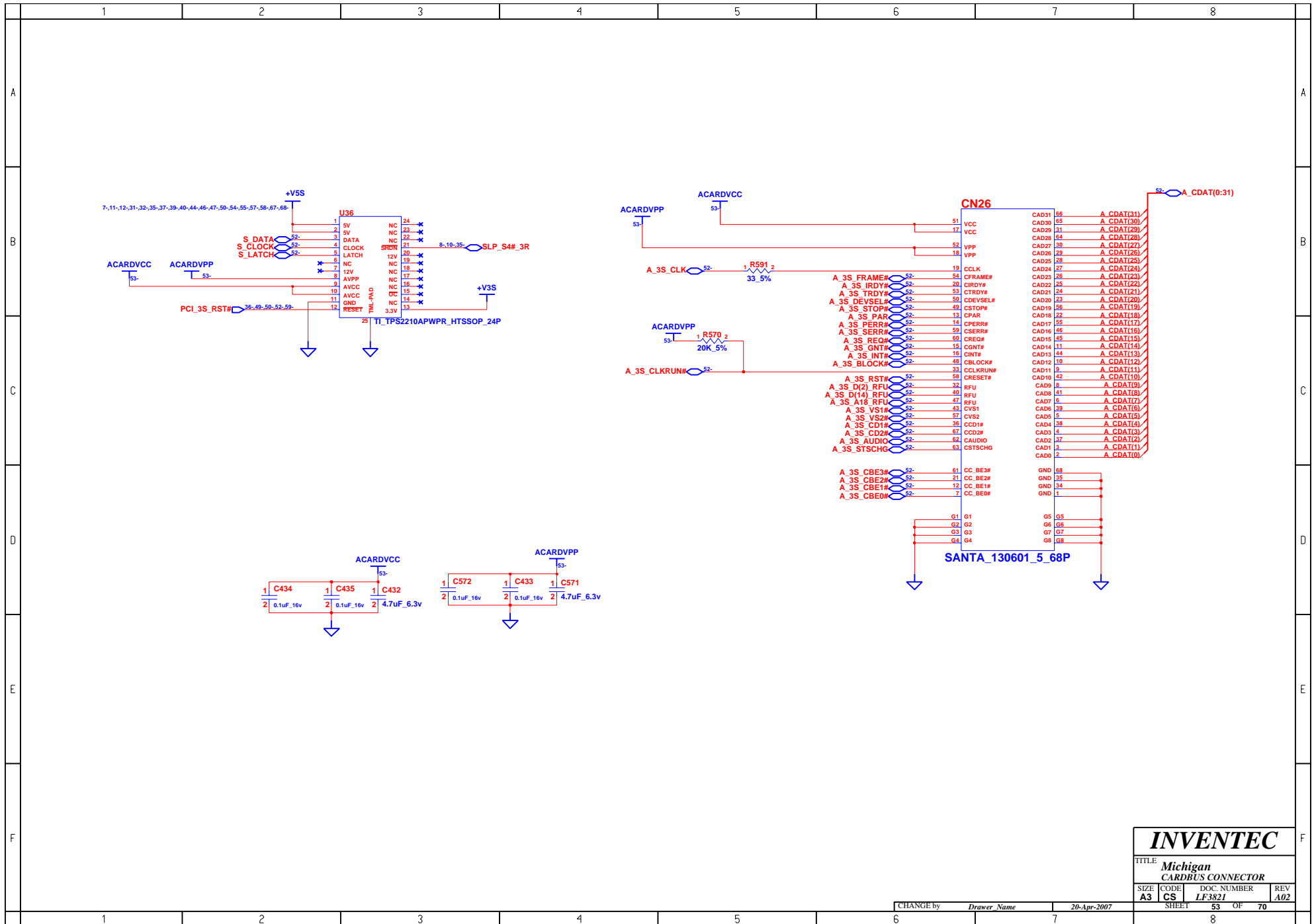


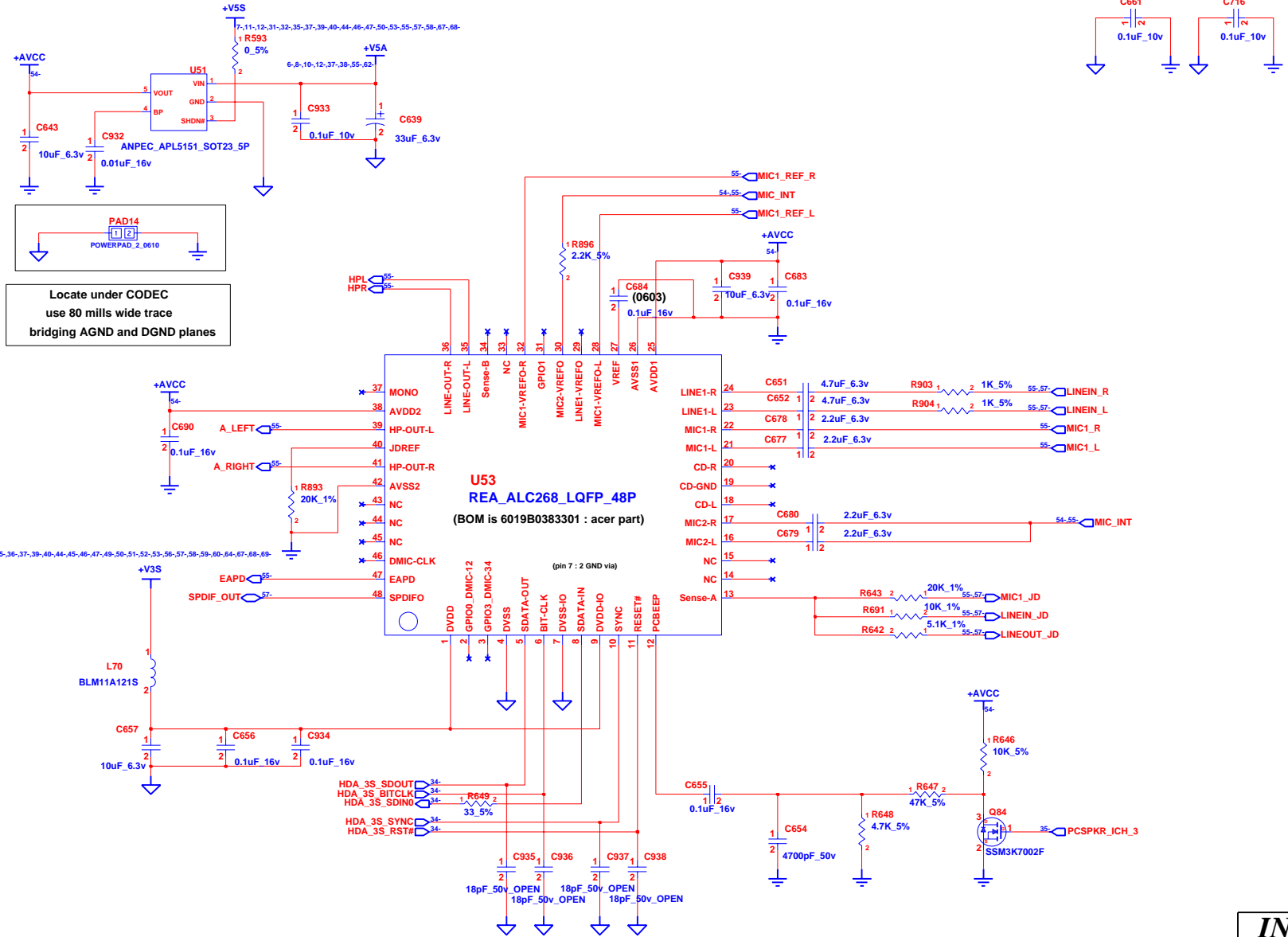
(5 IN 1 CONNECTOR)

SMART CARD CONN

SAMRT CARD	YES	NO
SMCARD_DET	LOW	HIGH

INVENTEC			
TITLE <i>Michigan</i>			
SMART CARD & 5 IN 1 CONN.			
SIZE A3	CODE CS	DOC. NUMBER LF3821	REV A02
CHANGE by <i>Drawer Name</i>		20-Apr-2007	
SHEET 51		OF 70	

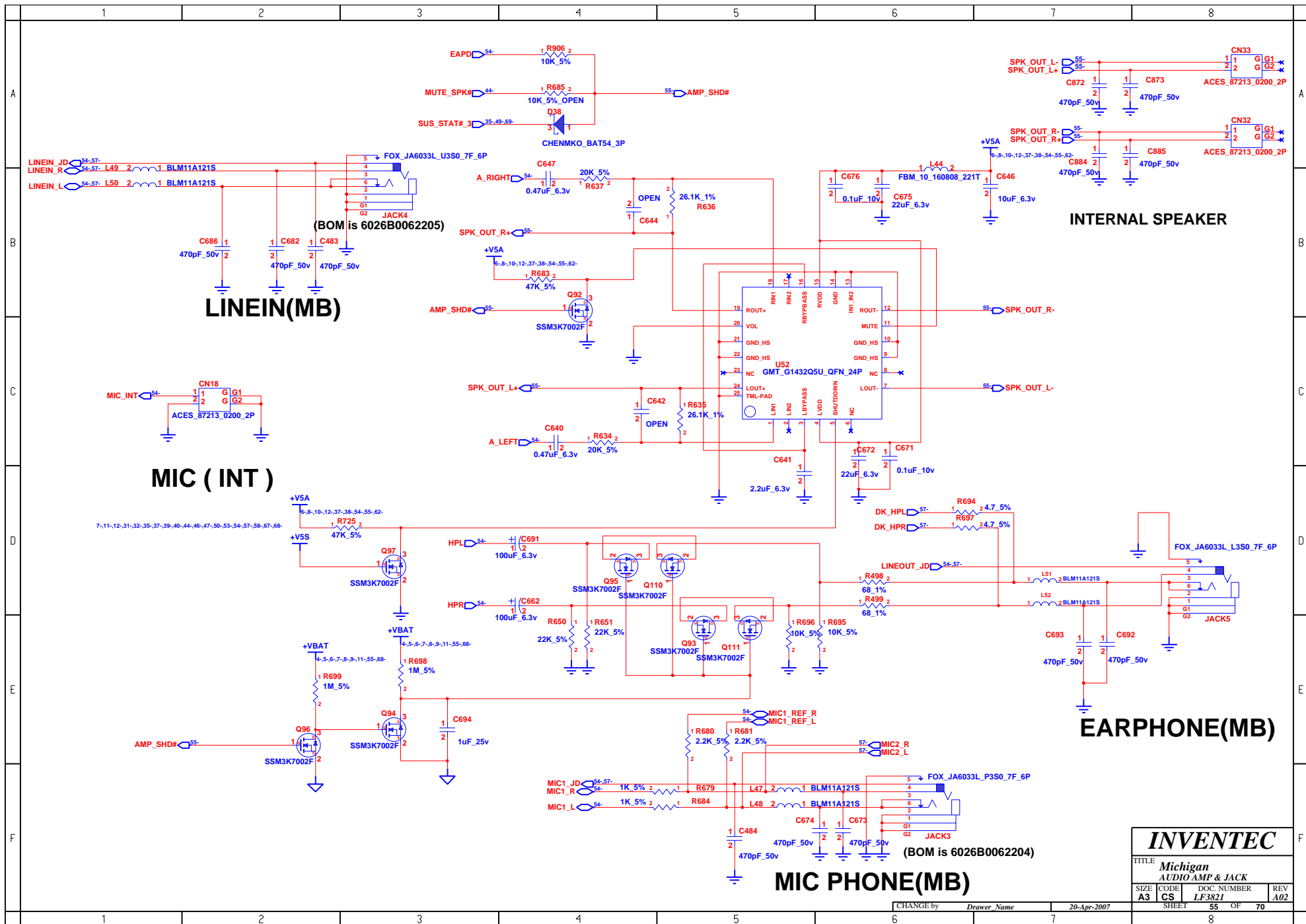


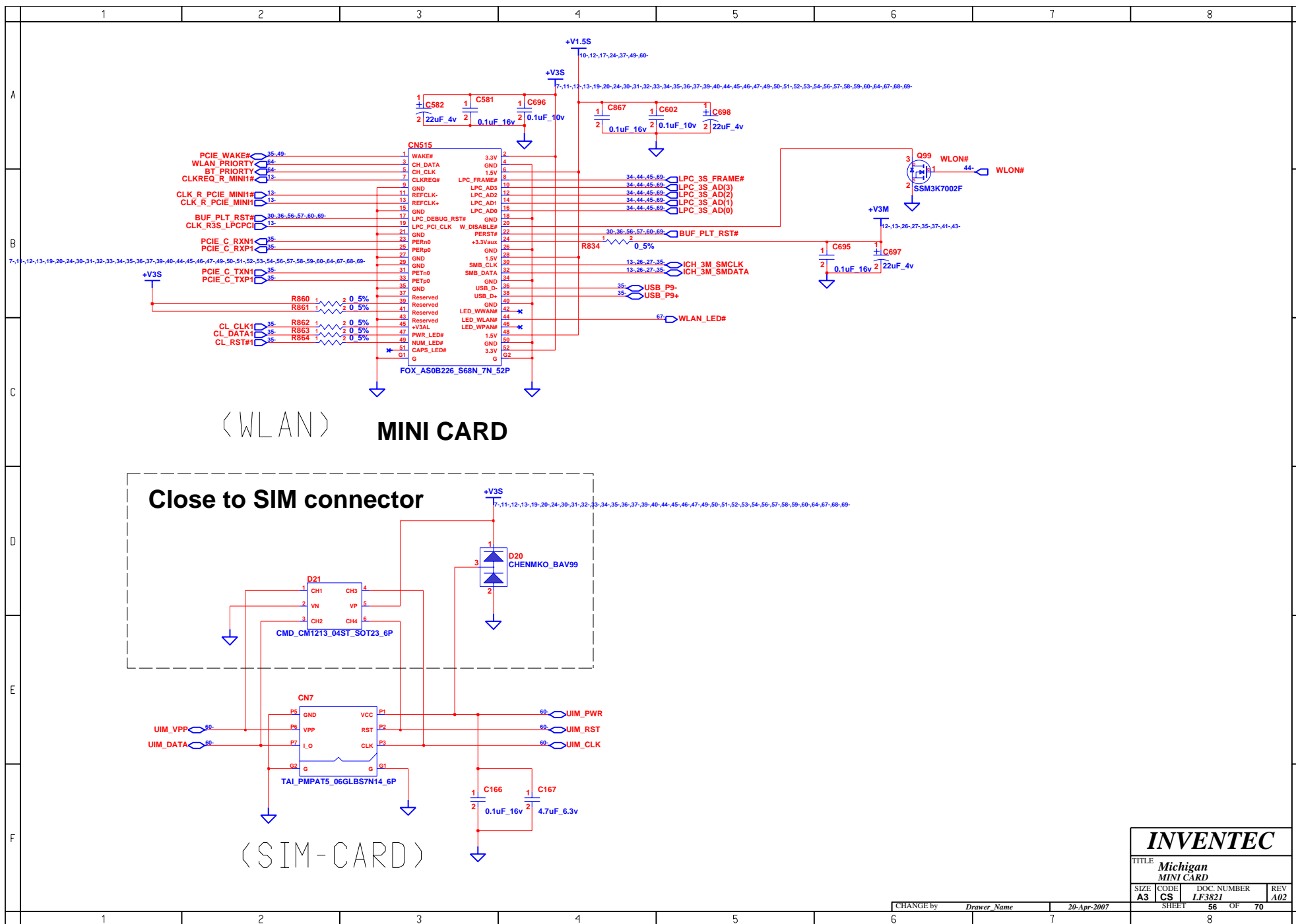


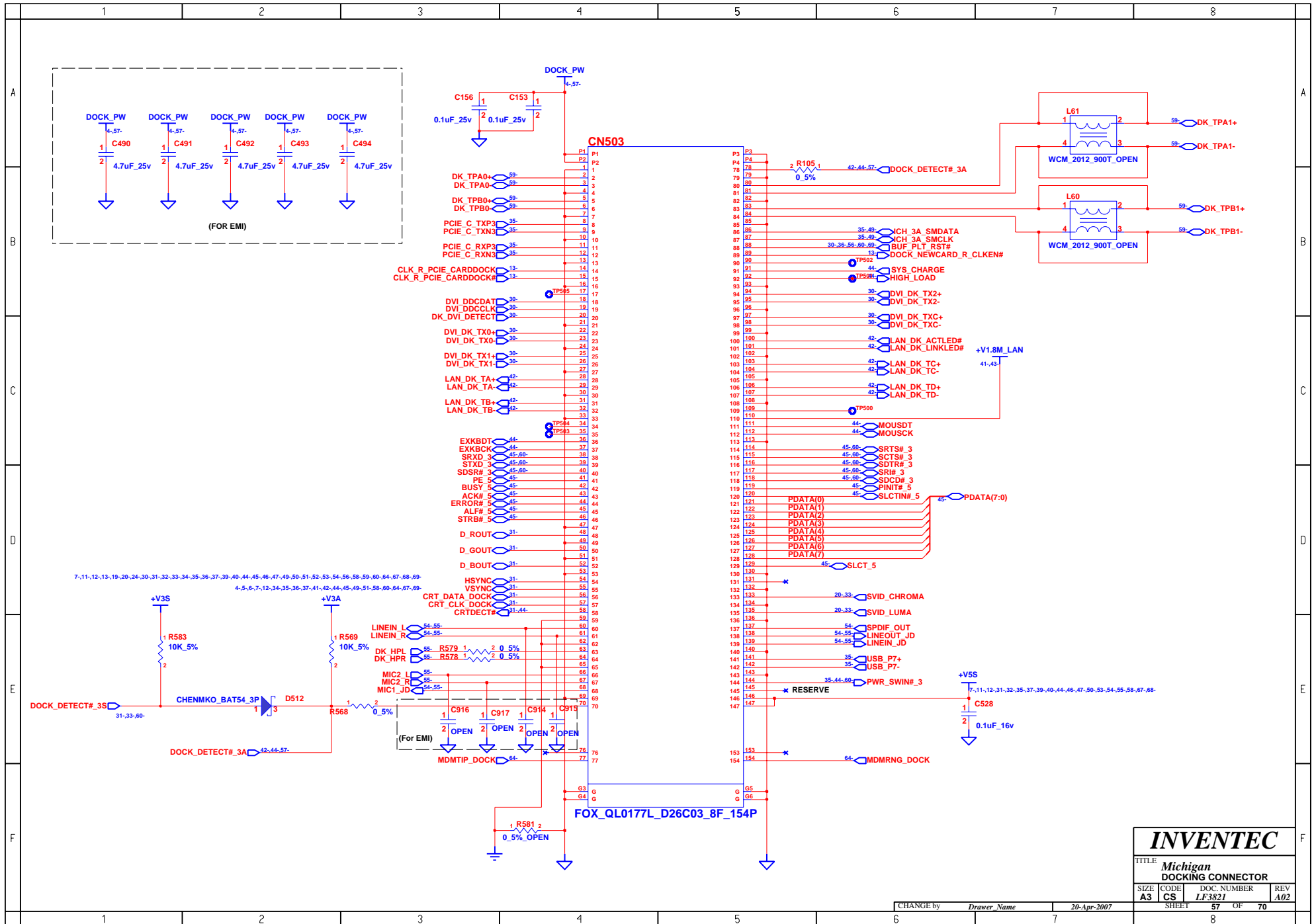
Locate under CODEC
use 80 mils wide trace
bridging AGND and DGND planes

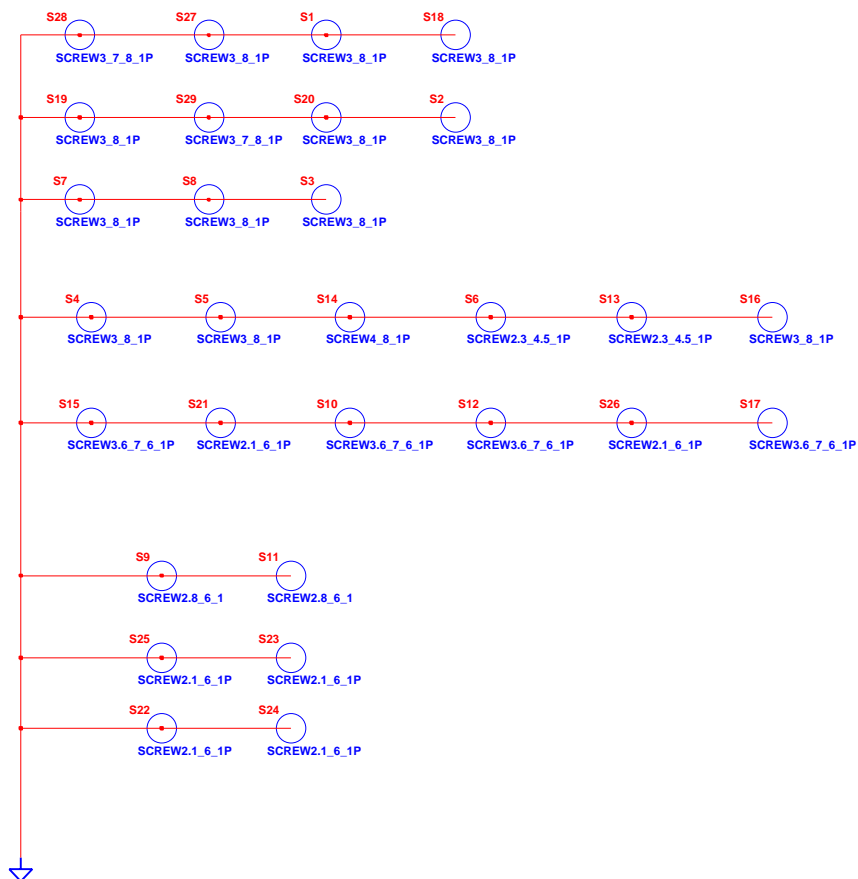
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TITLE Michigan AUDIO CODEC			
SIZE A3	CODE CS	DOC. NUMBER LF3821	REV A02

CHANGE by *Drawer Name* 20-Apr-2007

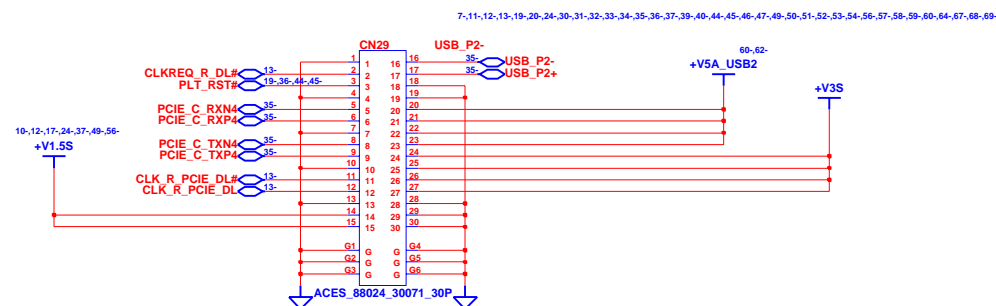
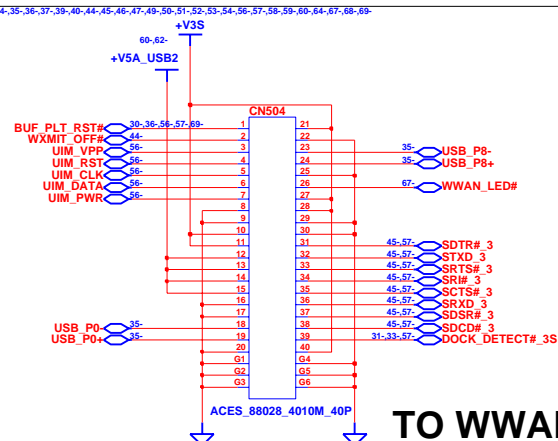
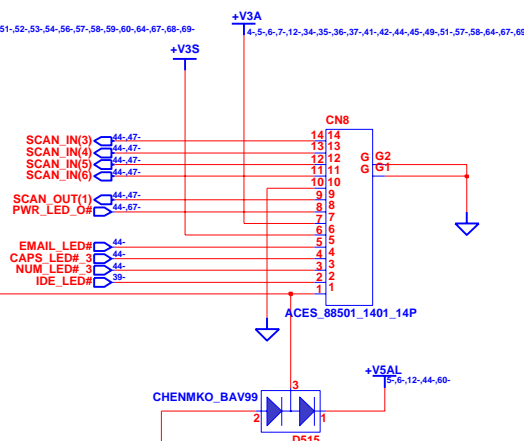
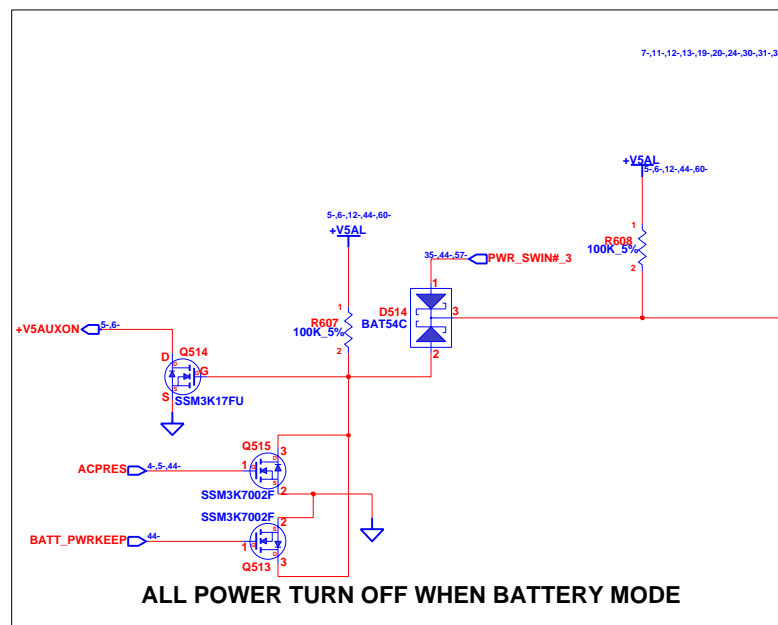


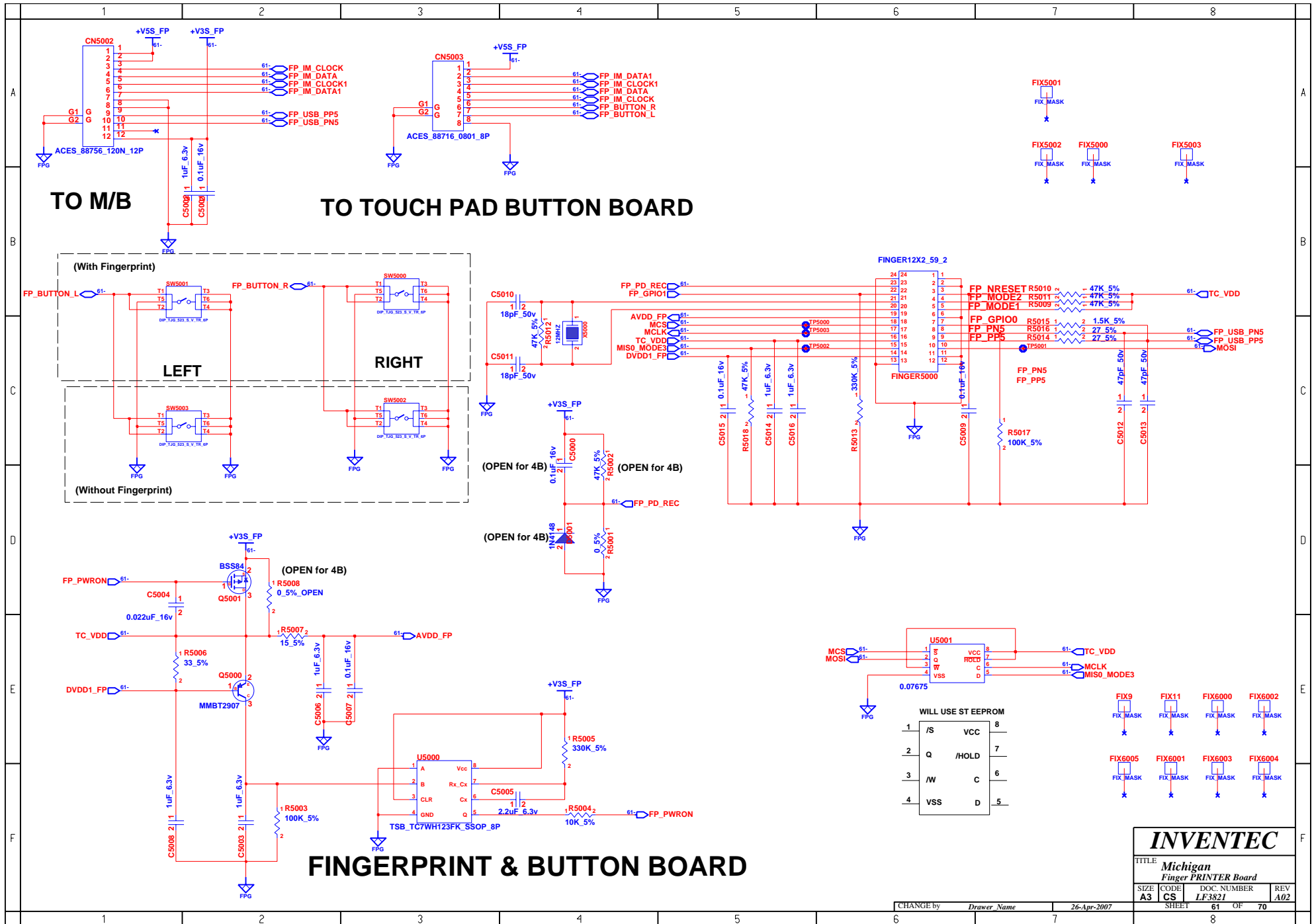


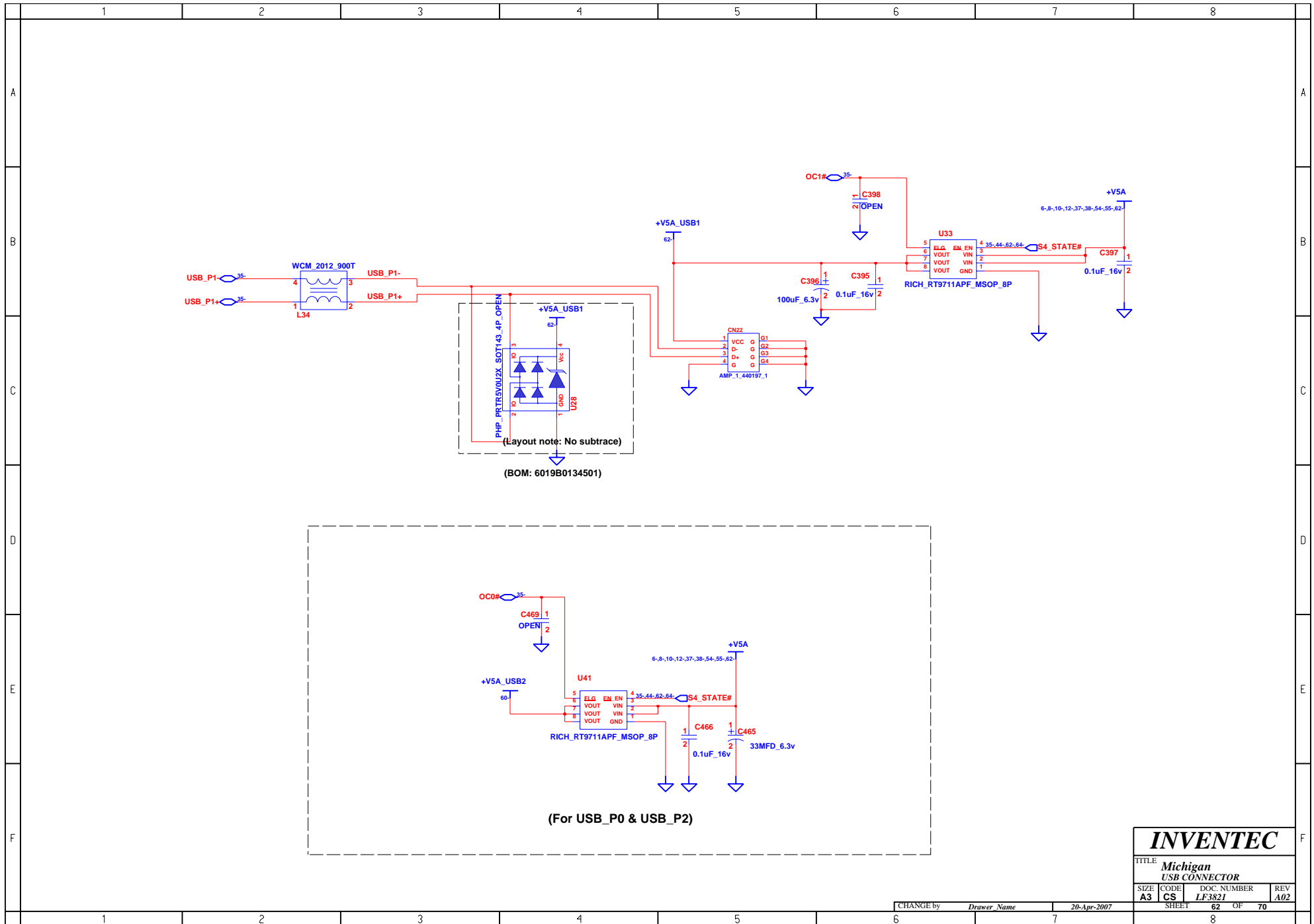




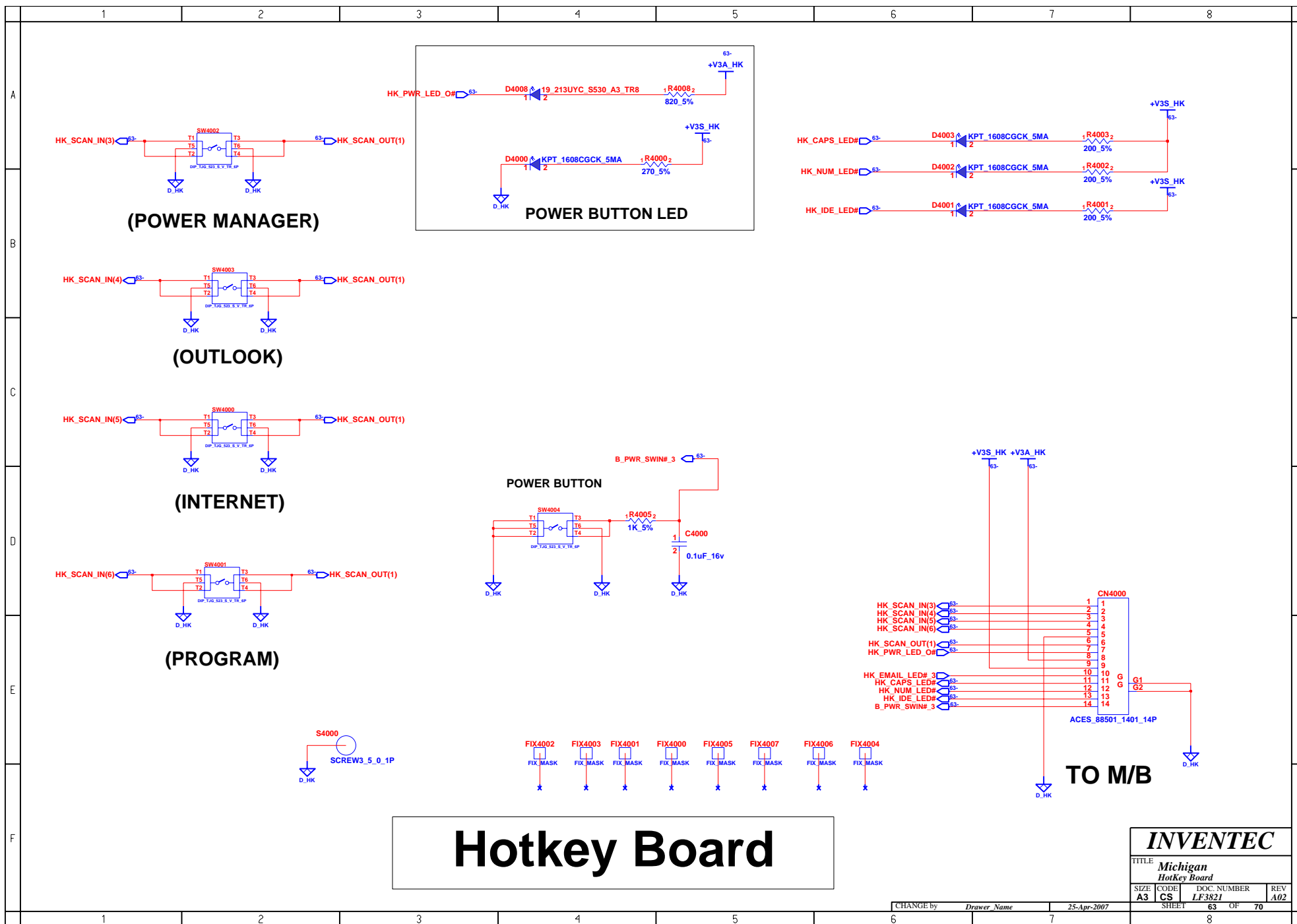
TITLE			
<i>Michigan</i> <i>SCREW AND HOLE</i>			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02
SHEET		58	OF 70

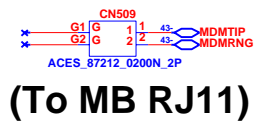
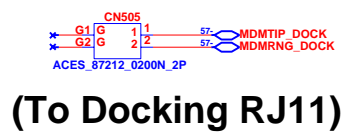
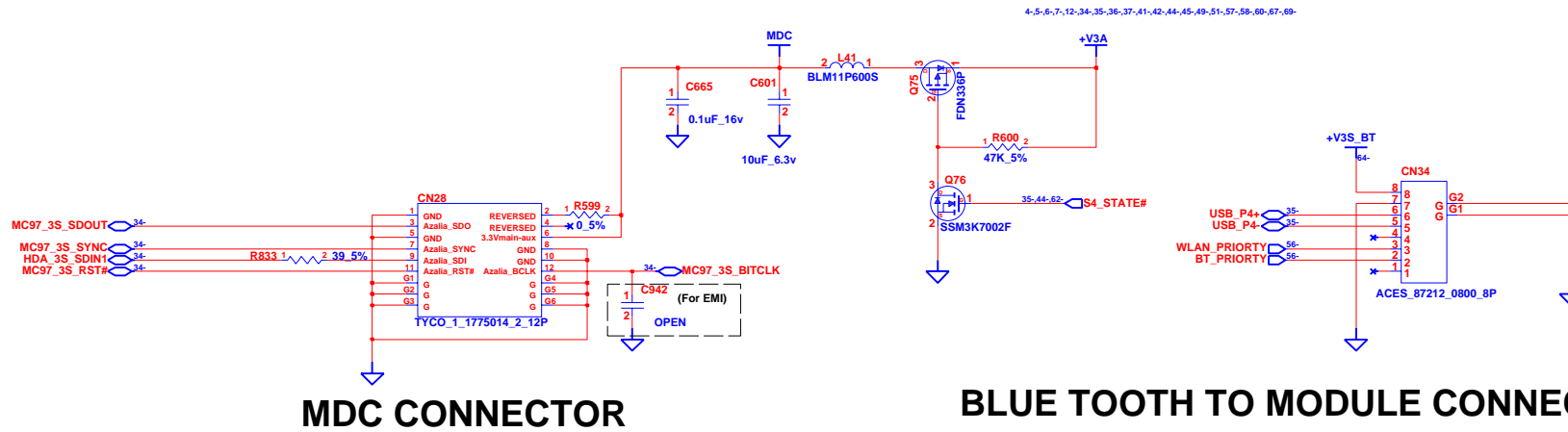




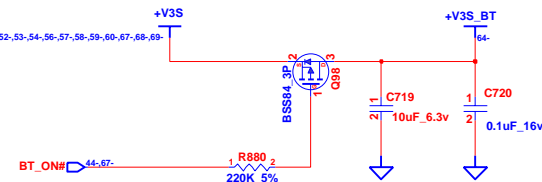


INVENTEC			
TITLE			
Michigan			
USB CONNECTOR			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02
CHANGE by		Drawer Name	20-Apr-2007
SHEET		62	OF 70





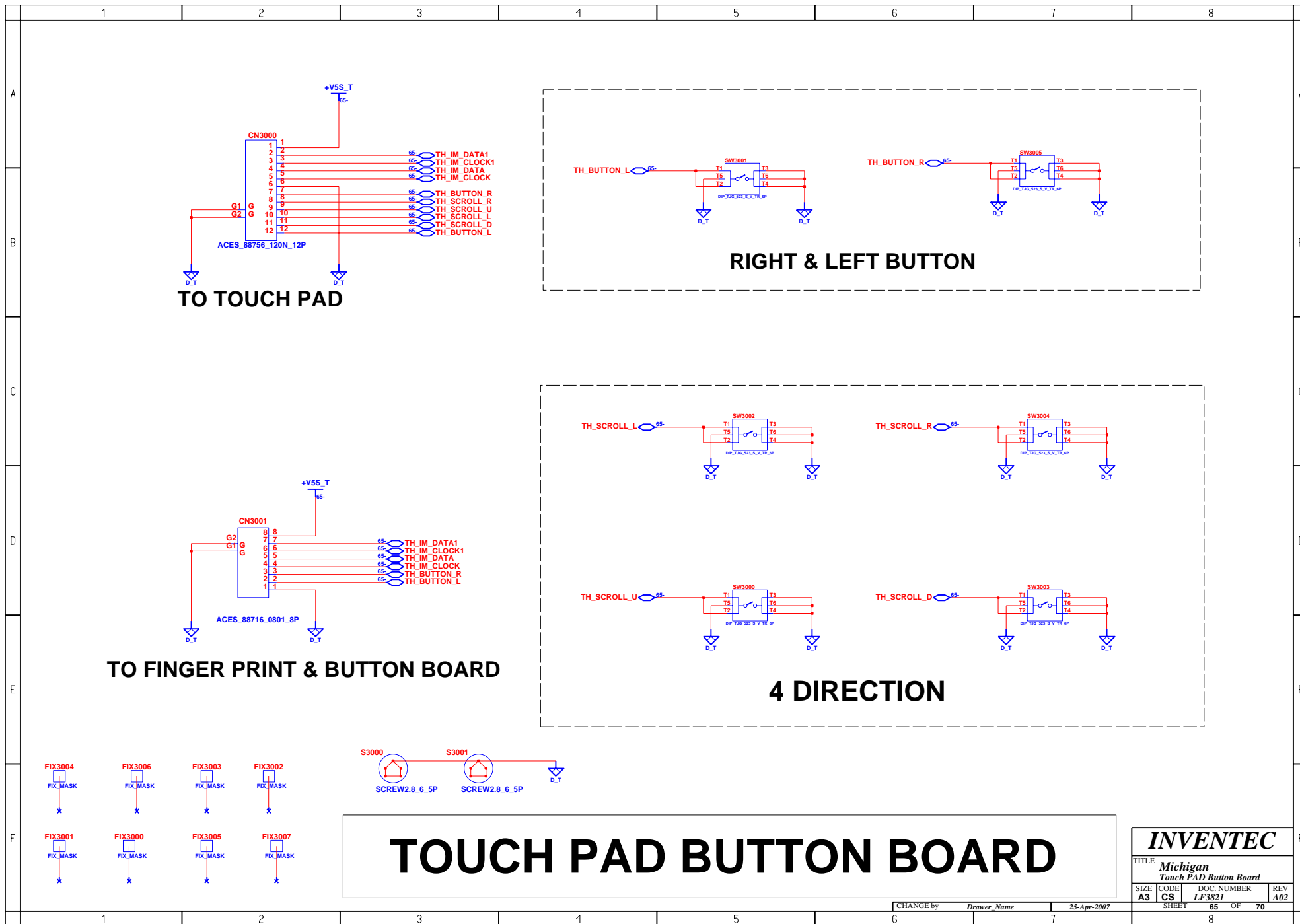
RJ11 CABLE CONNECTOR



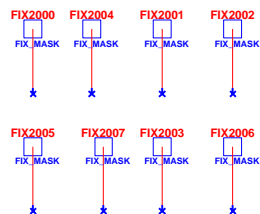
INVENTEC			
TITLE <i>Michigan</i>			
MDC I/F & RJ11 & Bluetooth CNN			
SIZE A3	CODE CS	DOC. NUMBER LF3821	REV A02

CHANGE by *Drawer Name* 20-Apr-2007

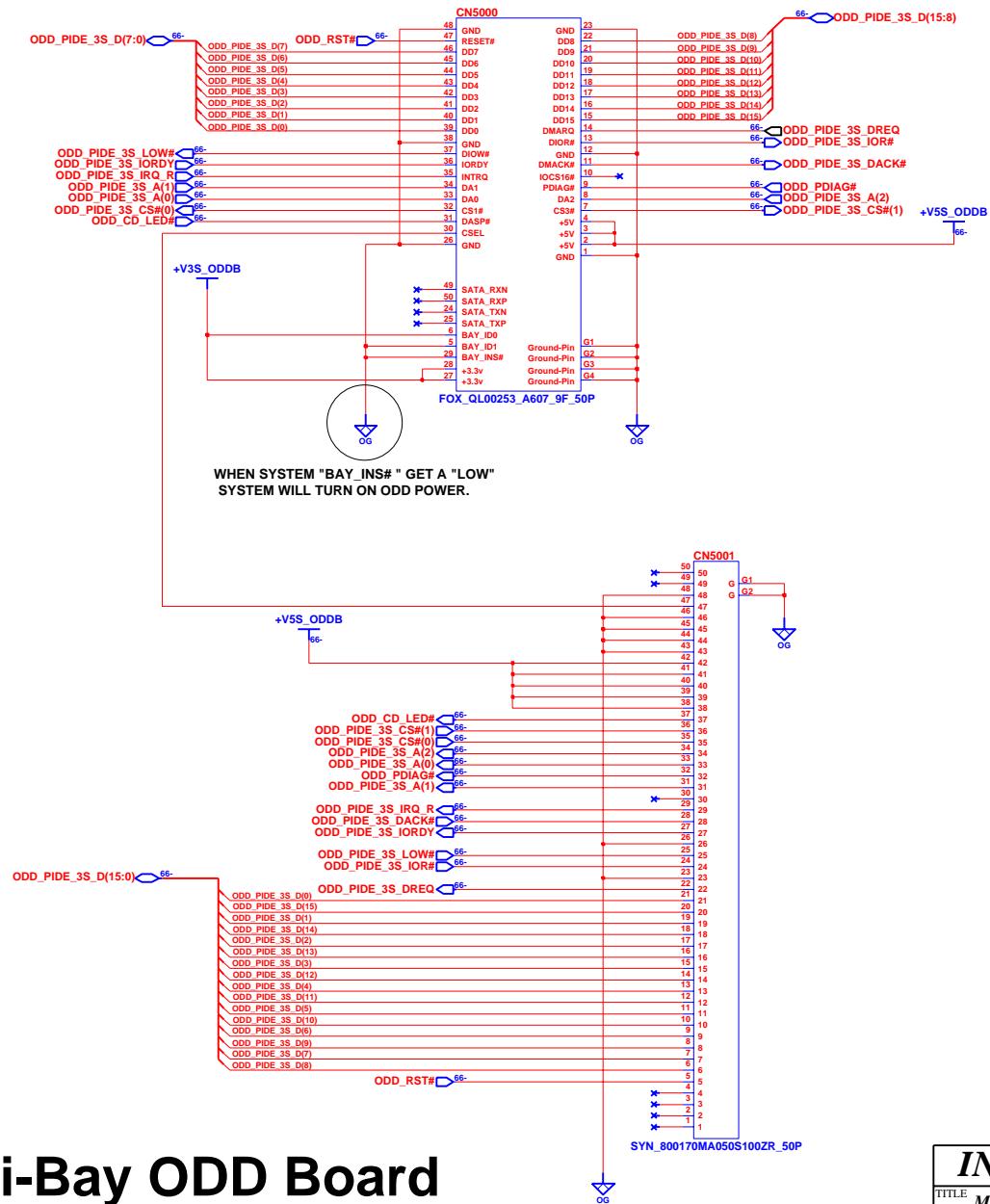
SHEET 64 OF 70



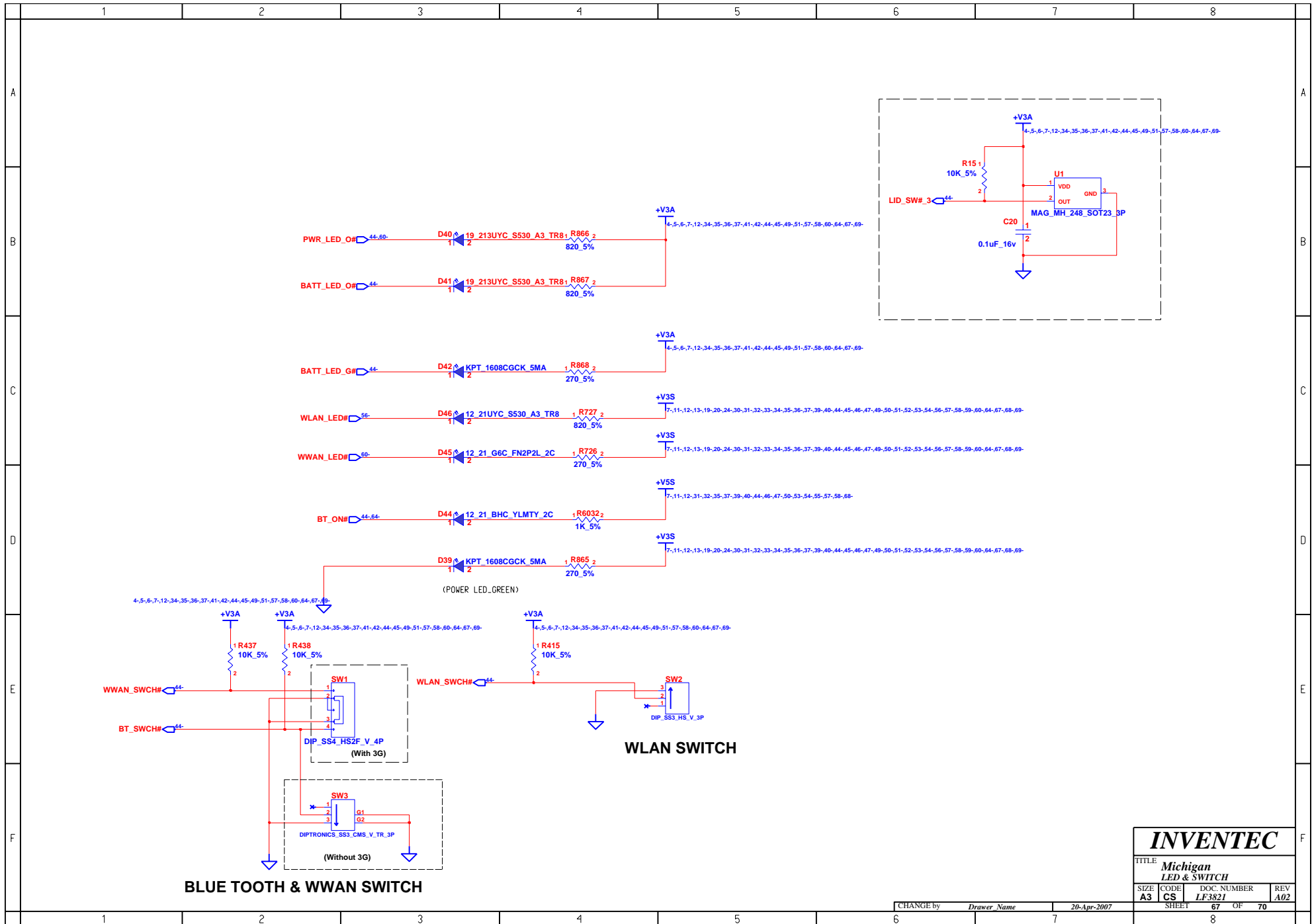
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0	1	PATA HDD
1	0	PATA ODD
1	1	SATA HDD

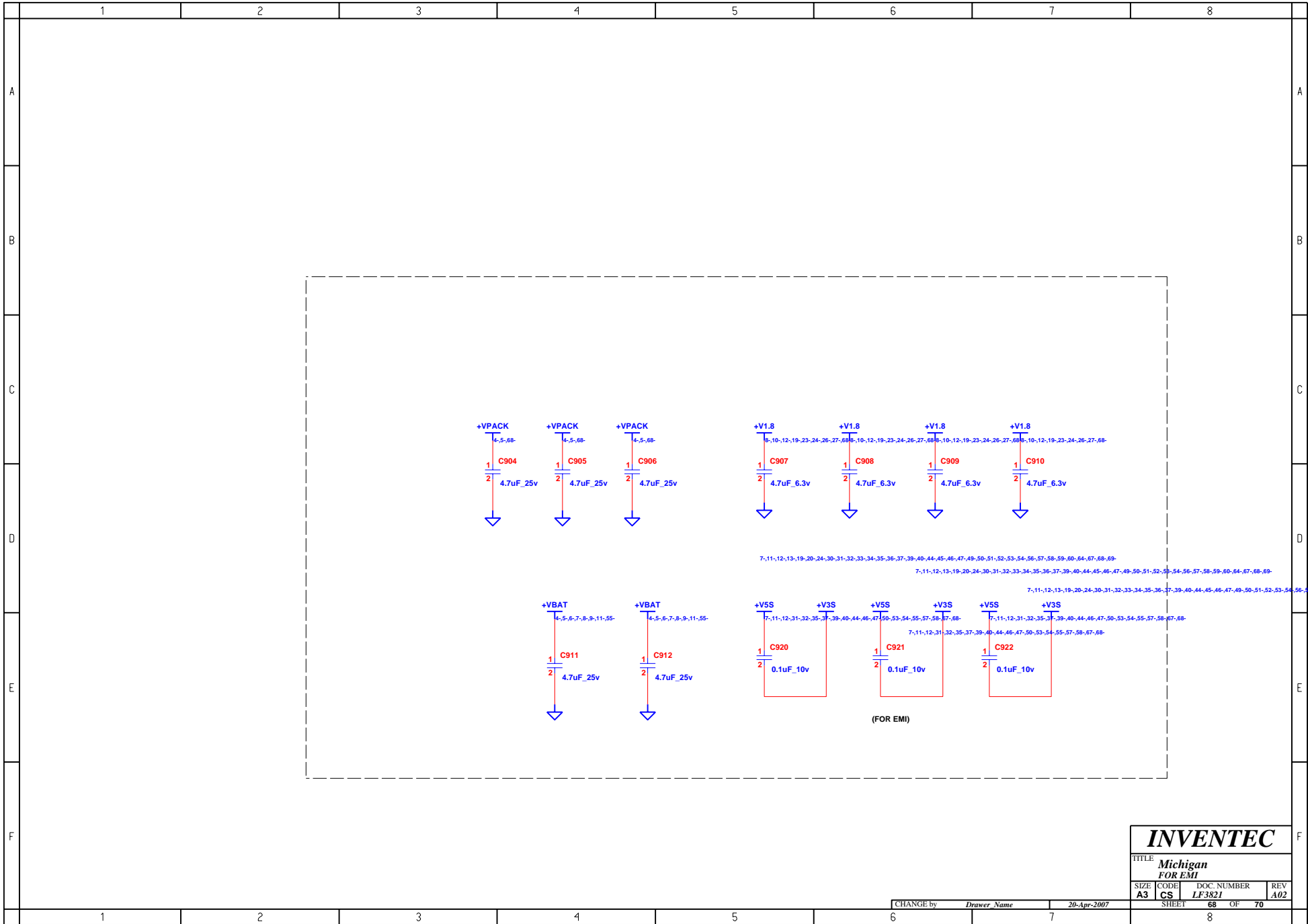


Multi-Bay ODD Board



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

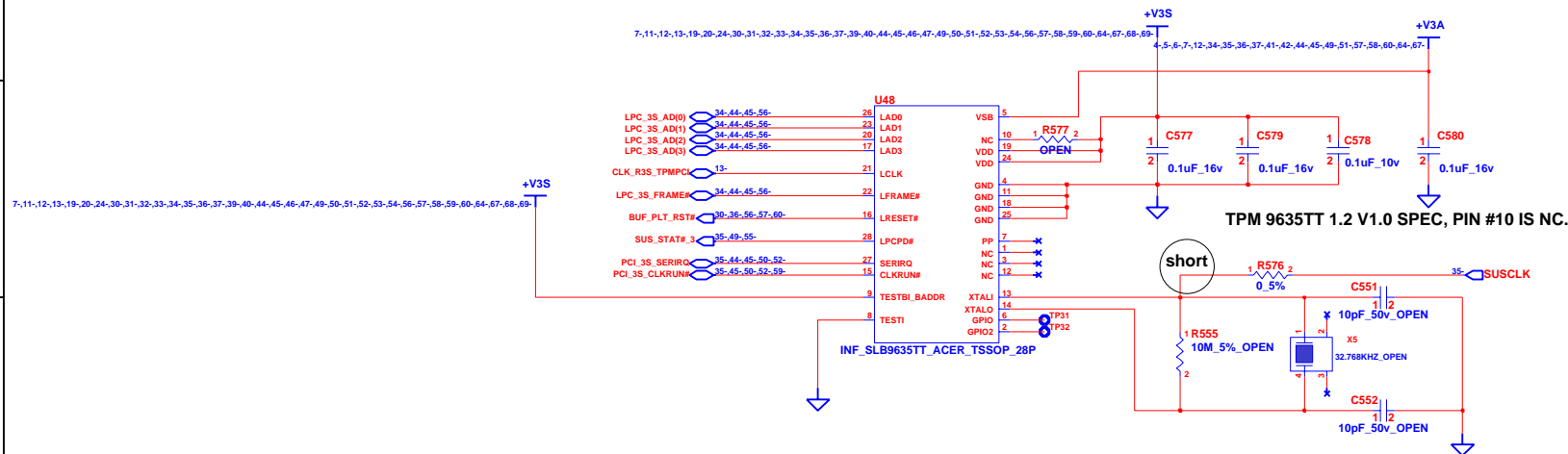
TITLE
**Michigan
FOR EMI**

SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02

CHANGE by *Drawer Name* 20-Apr-2007

SHEET 68 OF 70

TCPA



INVENTEC			
TITLE			
Michigan			
TCPA			
SIZE	CODE	DOC. NUMBER	REV
A3	CS	LF3821	A02
CHANGE by		20-Apr-2007	
DRAWN by			
SHEET		69	OF 70
		8	

