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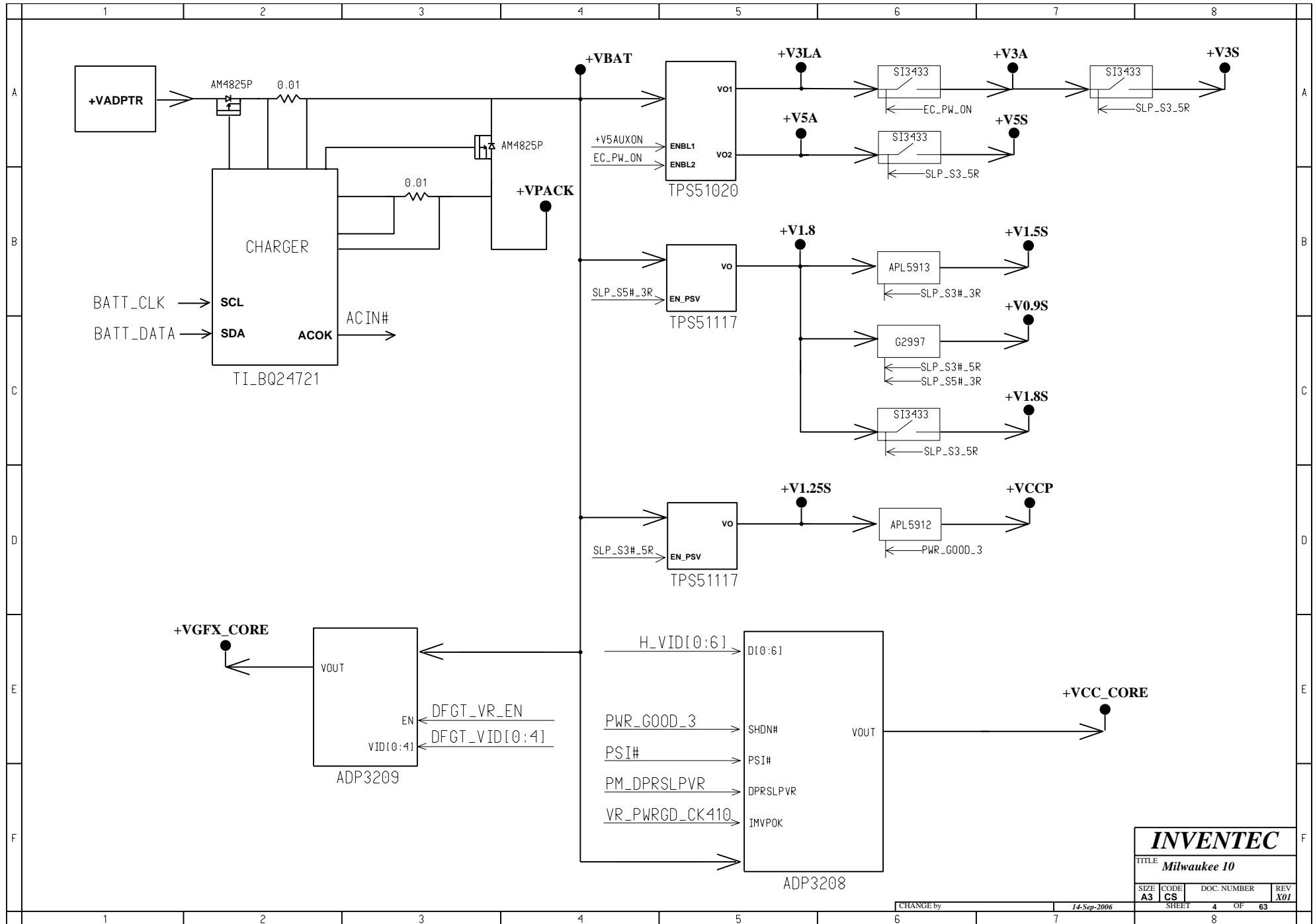
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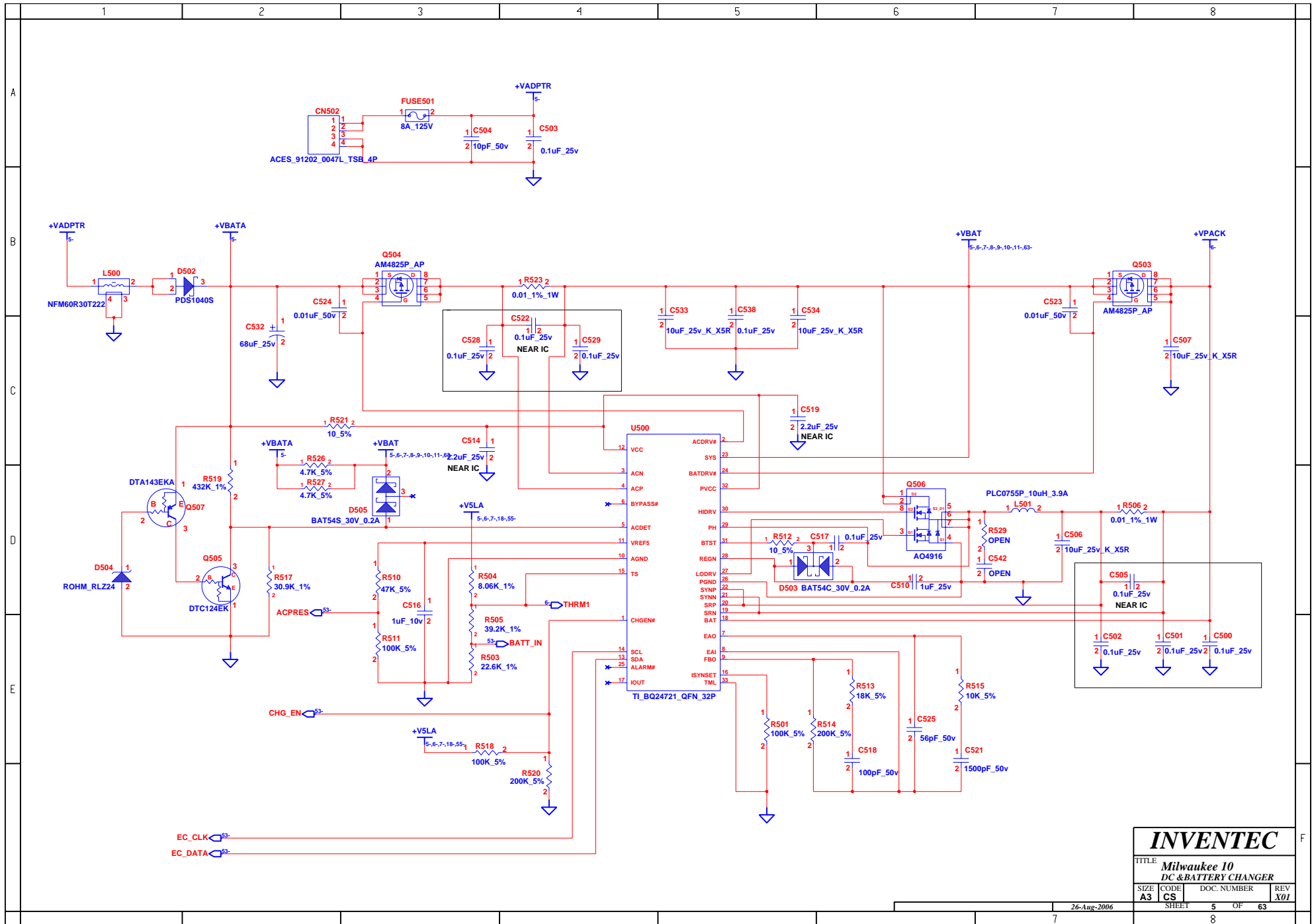
TITLE *Milwaukee 10*

SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER	REV <b>X01</b>
SHEET		2	OF 63

CHANGE by 14-Sep-2006







**INVENTEC**

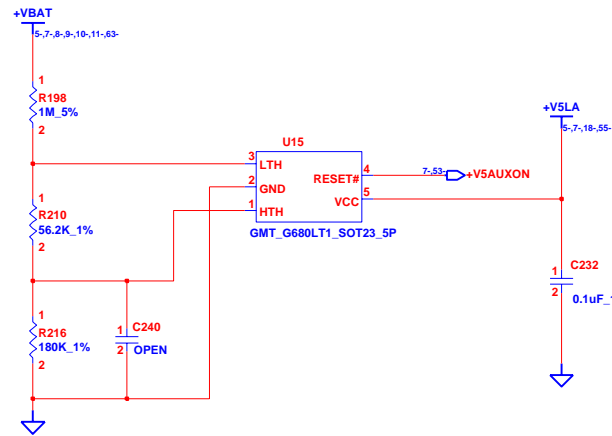
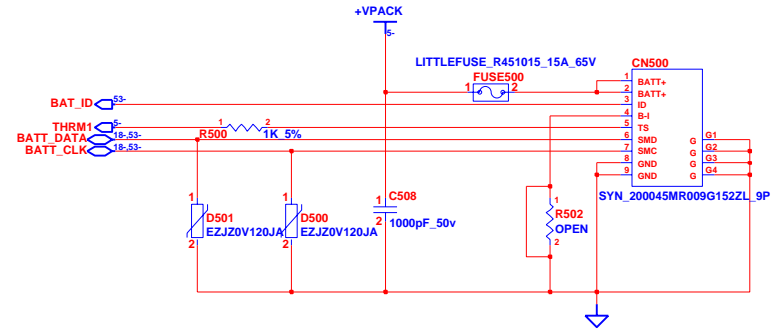
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DC & BATTERY CHANGER

SIZE: A3  
CODE: CS  
DOC. NUMBER: 5  
REV: X01

26-Aug-2006

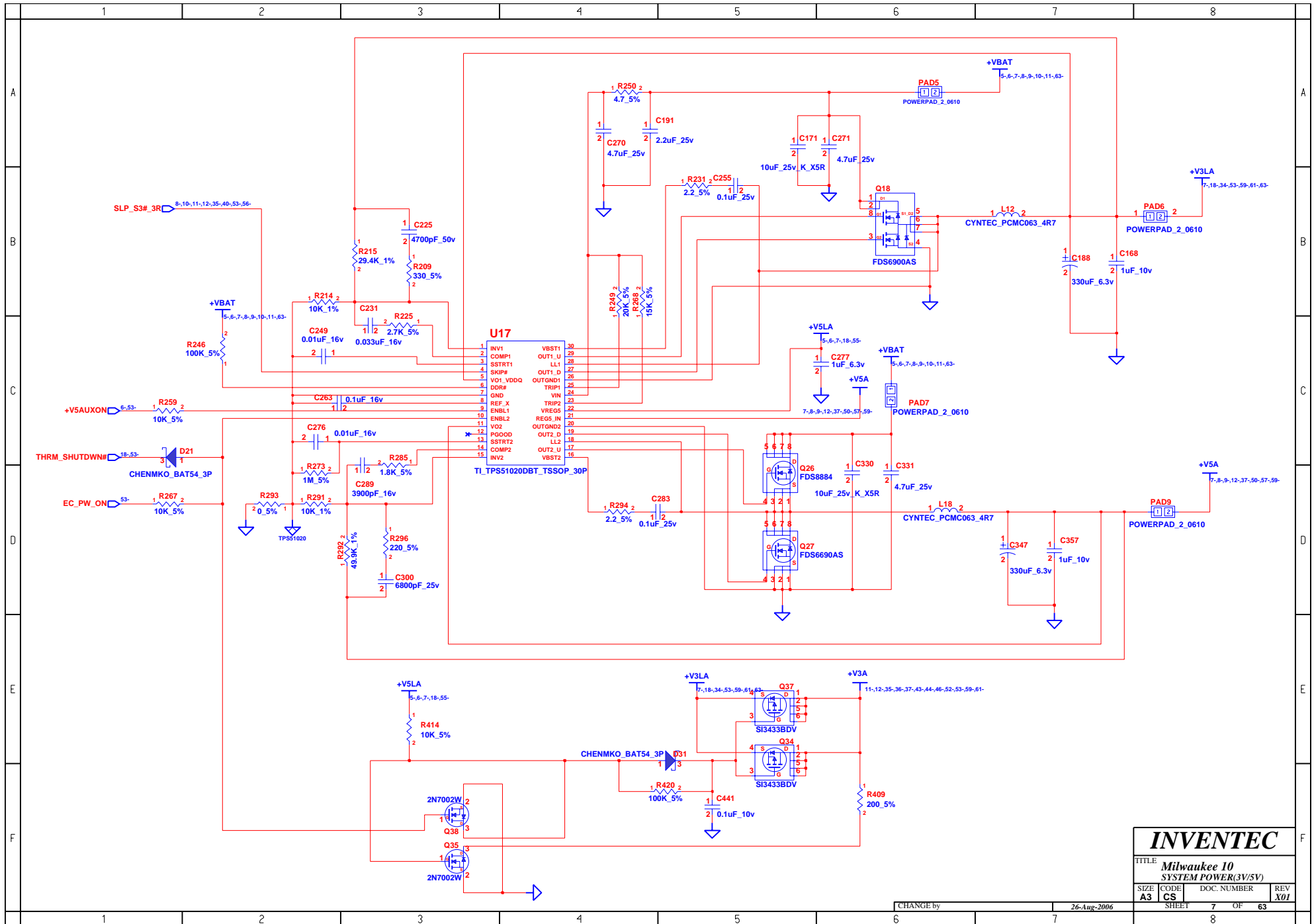
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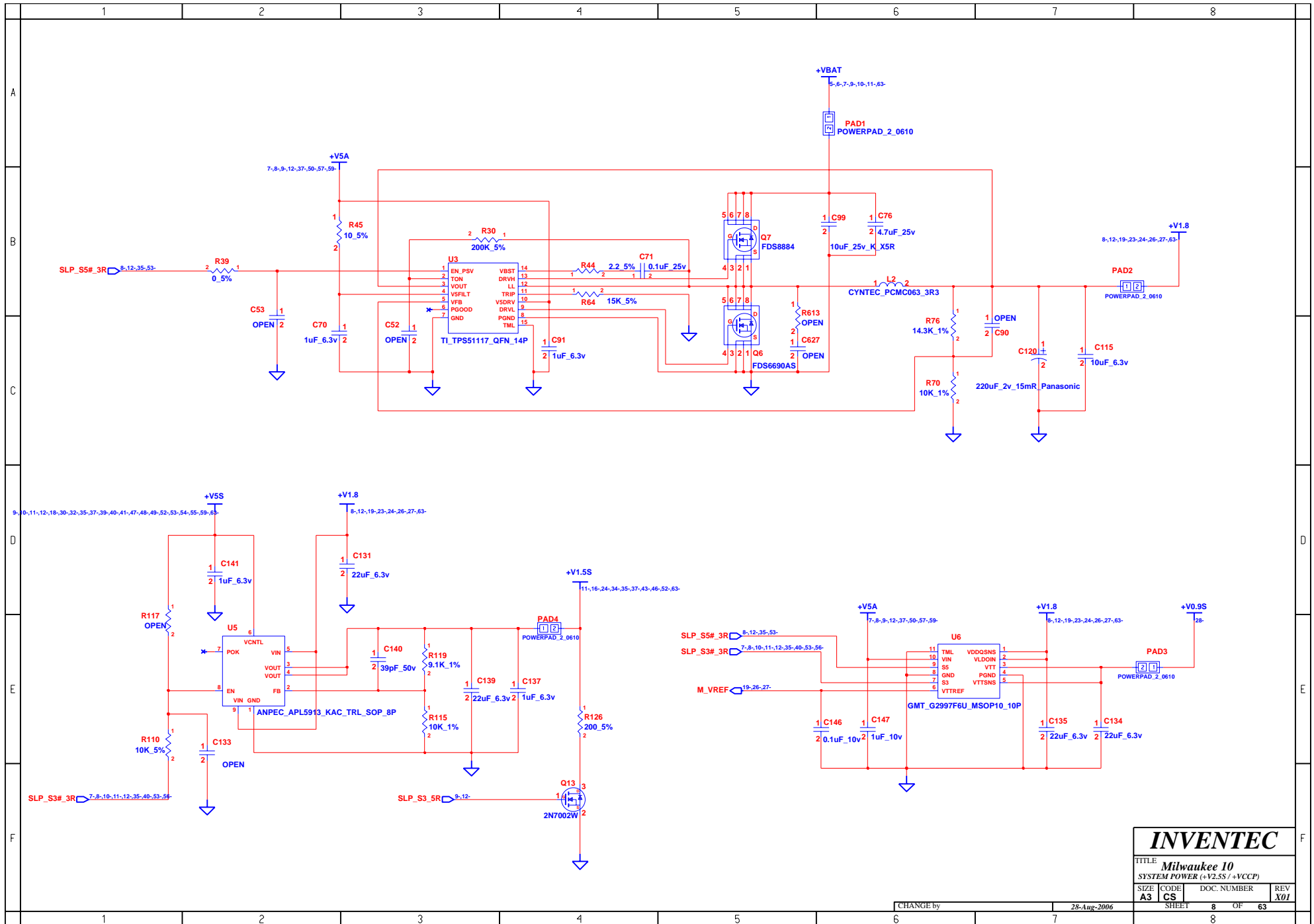
SHEET 5 OF 63



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SIZE A3	CODE CS	DOC. NUMBER	REV X01
SHEET		6 OF	63

CHANGE by 26-Aug-2006







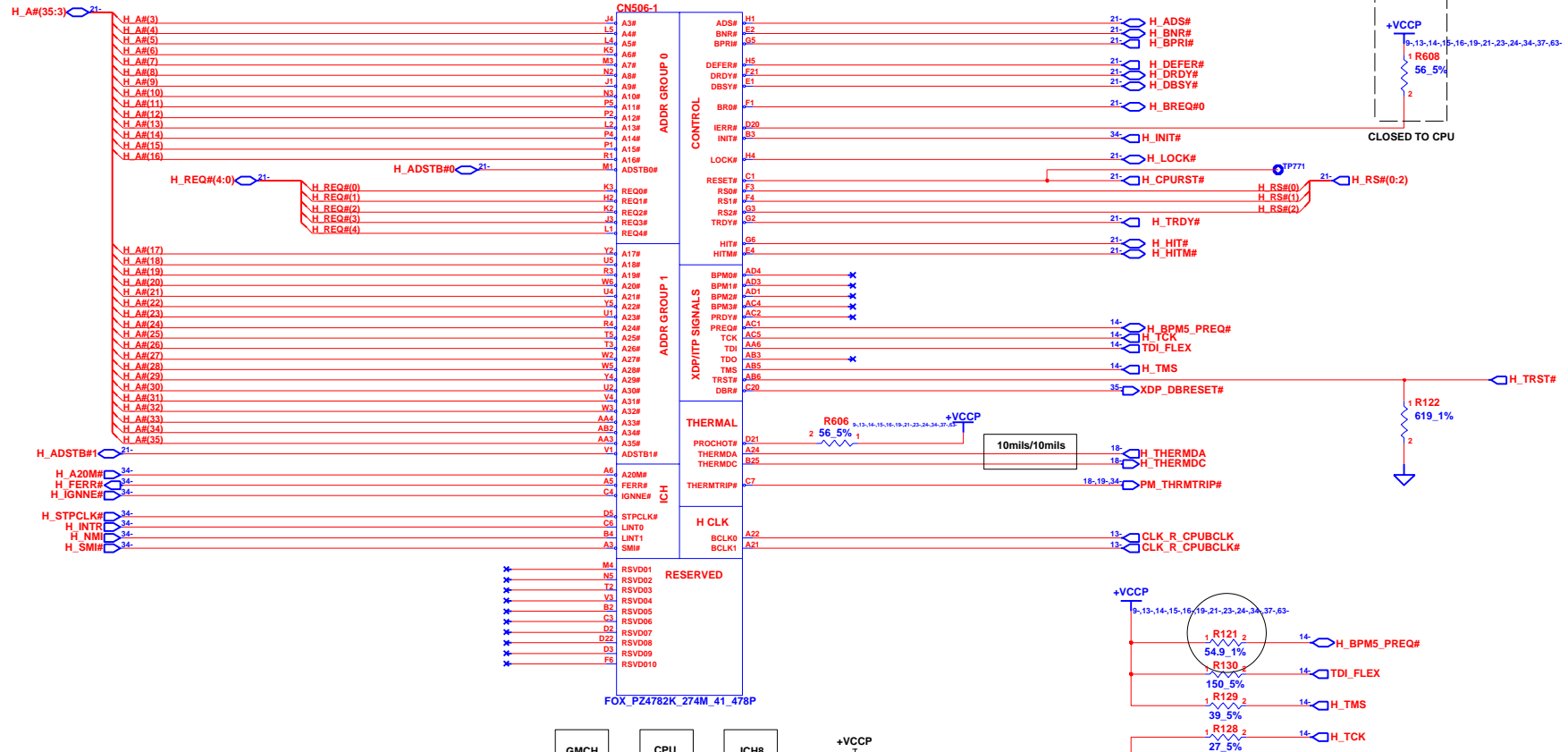












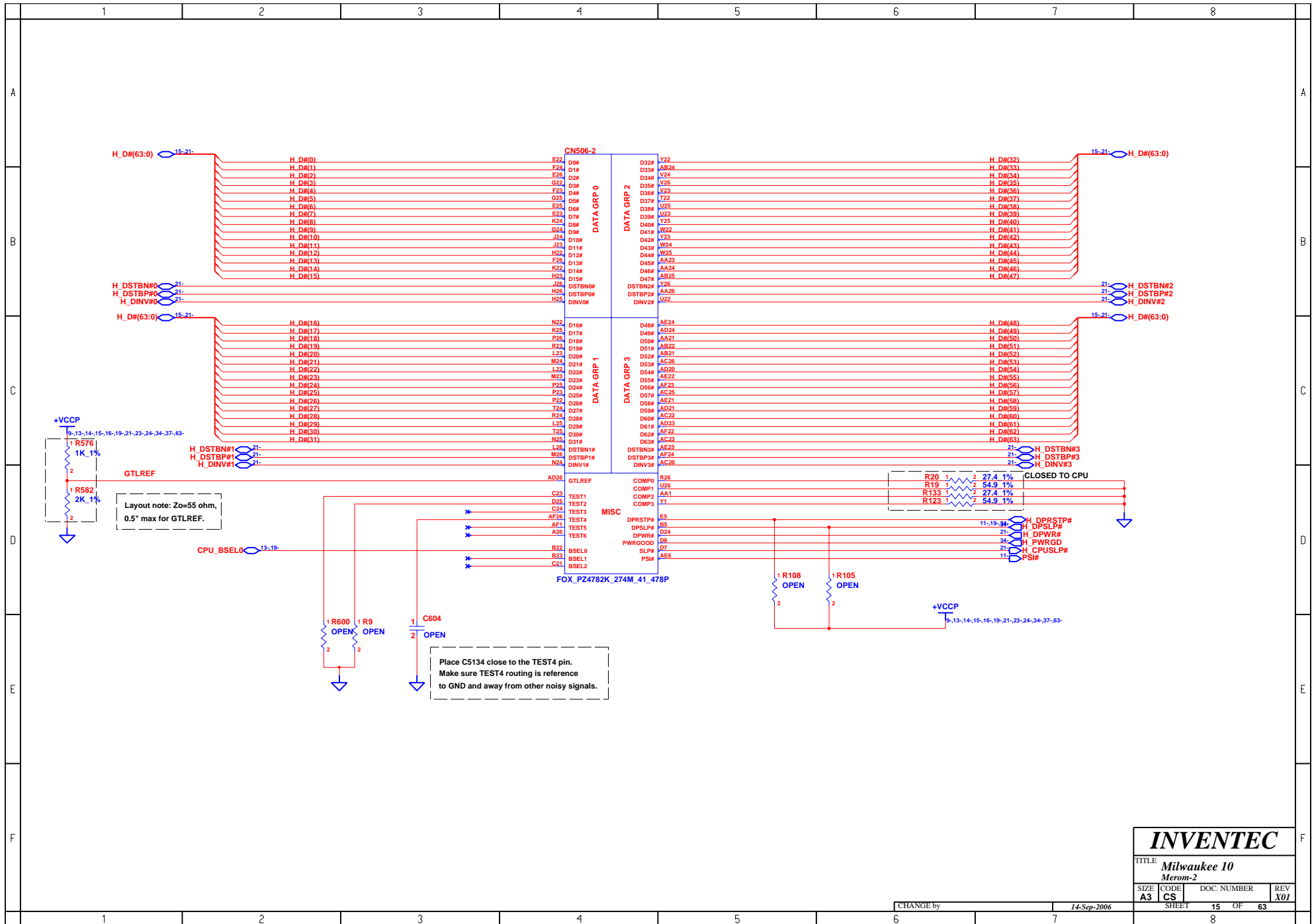
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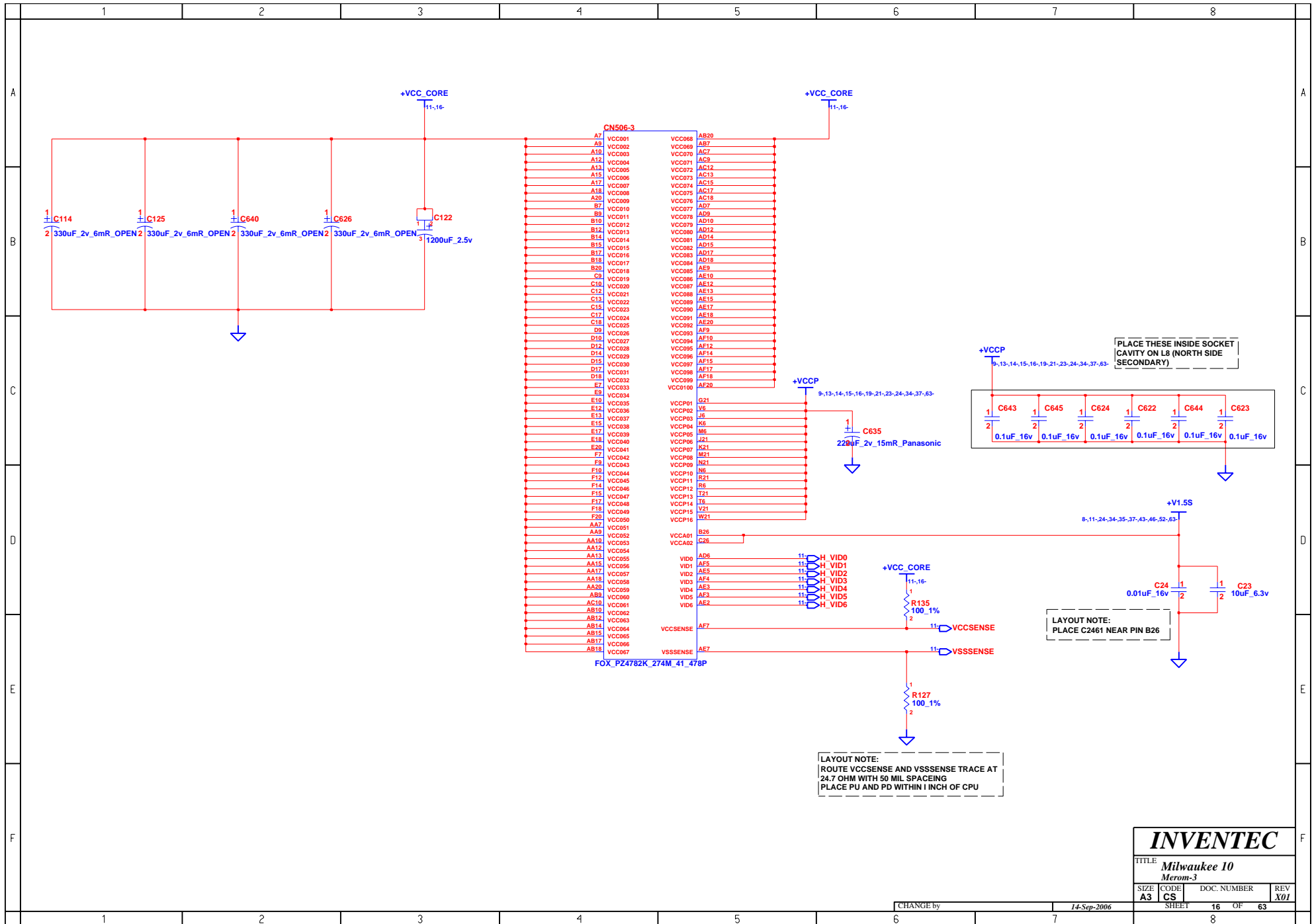
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**Milwaukee 10  
Merom-1**

SIZE	CODE	DOC. NUMBER	REV
A3	CS		X01

CHANGE by 14-Sep-2006

SHEET 14 OF 63







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

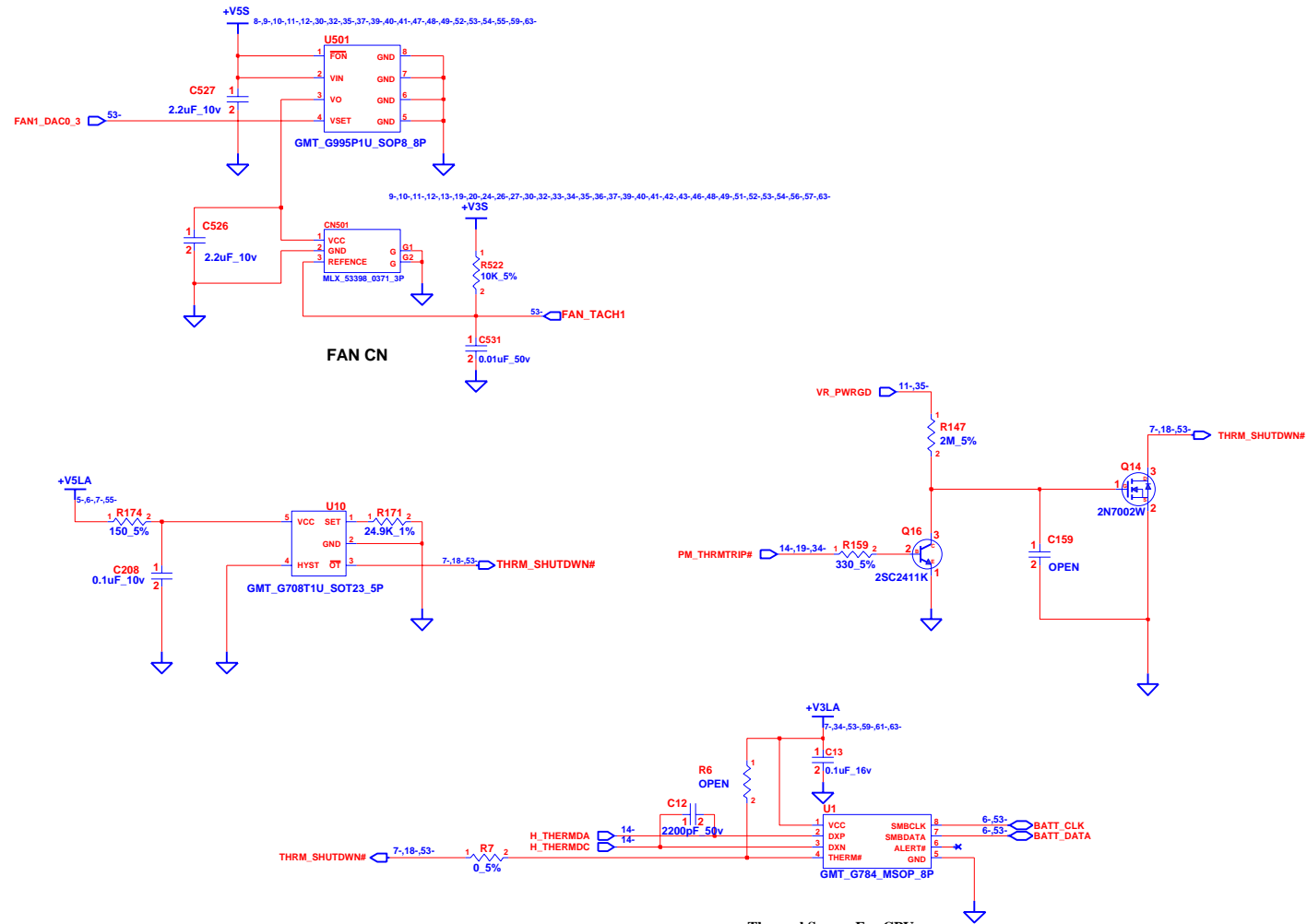
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A8	VSS002	VSS083	P21
A11	VSS003	VSS084	P24
A14	VSS004	VSS085	R2
A16	VSS005	VSS086	R5
A19	VSS006	VSS087	R22
A23	VSS007	VSS088	R25
A24	VSS008	VSS089	T1
B6	VSS009	VSS090	T4
B8	VSS010	VSS091	T23
B11	VSS011	VSS092	T28
B13	VSS012	VSS093	U3
B16	VSS013	VSS094	U6
B19	VSS014	VSS095	U21
B21	VSS015	VSS096	U24
B24	VSS016	VSS097	V2
C5	VSS017	VSS098	V5
C8	VSS018	VSS099	V22
C11	VSS019	VSS100	V25
C14	VSS020	VSS101	W1
C16	VSS021	VSS102	W4
C19	VSS022	VSS103	W23
C2	VSS023	VSS104	W26
C22	VSS024	VSS105	Y3
C25	VSS025	VSS106	Y6
D1	VSS026	VSS107	Y21
D4	VSS027	VSS108	Y24
D8	VSS028	VSS109	AA2
D11	VSS029	VSS110	AA5
D13	VSS030	VSS111	AA8
D16	VSS031	VSS112	AA11
D19	VSS032	VSS113	AA14
D23	VSS033	VSS114	AA16
D26	VSS034	VSS115	AA19
E3	VSS035	VSS116	AA22
E6	VSS036	VSS117	AA25
E8	VSS037	VSS118	AB1
E11	VSS038	VSS119	AB4
E14	VSS039	VSS120	AB8
E16	VSS040	VSS121	AB11
E19	VSS041	VSS122	AB13
E21	VSS042	VSS123	AB16
E24	VSS043	VSS124	AB19
F3	VSS044	VSS125	AB23
F8	VSS045	VSS126	AB26
F11	VSS046	VSS127	AC3
F13	VSS047	VSS128	AC6
F16	VSS048	VSS129	AC8
F19	VSS049	VSS130	AC11
F2	VSS050	VSS131	AC14
F22	VSS051	VSS132	AC16
F25	VSS052	VSS133	AC19
G4	VSS053	VSS134	AC21
G1	VSS054	VSS135	AC24
G23	VSS055	VSS136	AD2
G26	VSS056	VSS137	AD5
H3	VSS057	VSS138	AD8
H6	VSS058	VSS139	AD11
H21	VSS059	VSS140	AD13
H24	VSS060	VSS141	AD16
J2	VSS061	VSS142	AD19
J5	VSS062	VSS143	AD22
J22	VSS063	VSS144	AD25
J25	VSS064	VSS145	AE1
K1	VSS065	VSS146	AE4
K4	VSS066	VSS147	AE8
K23	VSS067	VSS148	AE11
K26	VSS068	VSS149	AE14
L3	VSS069	VSS150	AE16
L6	VSS070	VSS151	AE19
L21	VSS071	VSS152	AE23
L24	VSS072	VSS153	AE26
M2	VSS073	VSS154	A2
M5	VSS074	VSS155	AF6
M22	VSS075	VSS156	AF8
N2	VSS076	VSS157	AF11
N1	VSS077	VSS158	AF13
N4	VSS078	VSS159	AF16
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P3	VSS081	VSS162	A25
		VSS163	AF25

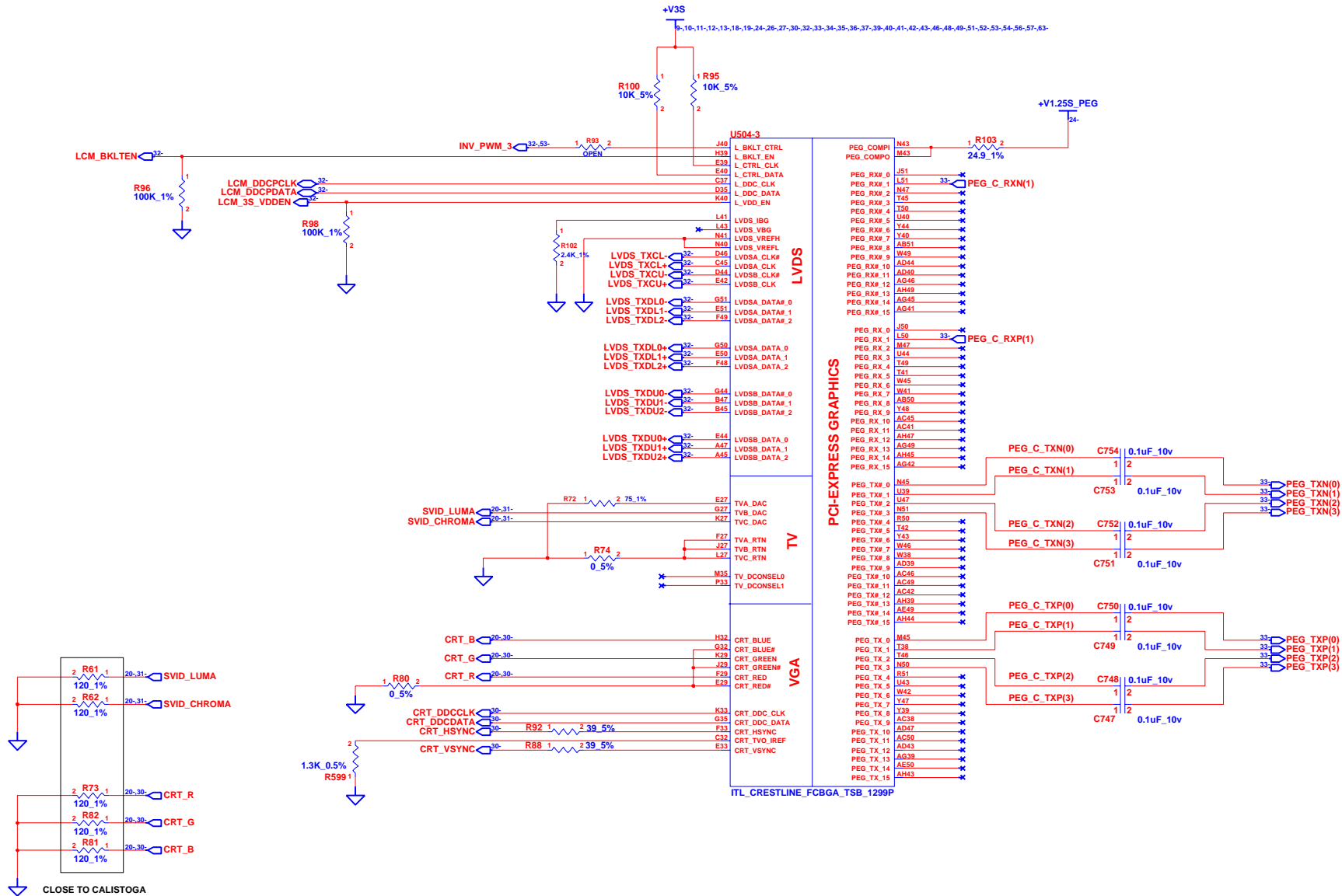
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<b>INVENTEC</b>			
TITLE <b>Milwaukee 10</b>			
Merom-4			
SIZE <b>A3</b>	CODE <b>CS</b>	DOC. NUMBER SHEET 17 OF 63	REV <b>X01</b>

CHANGE by		14-Sep-2006
1	2	8







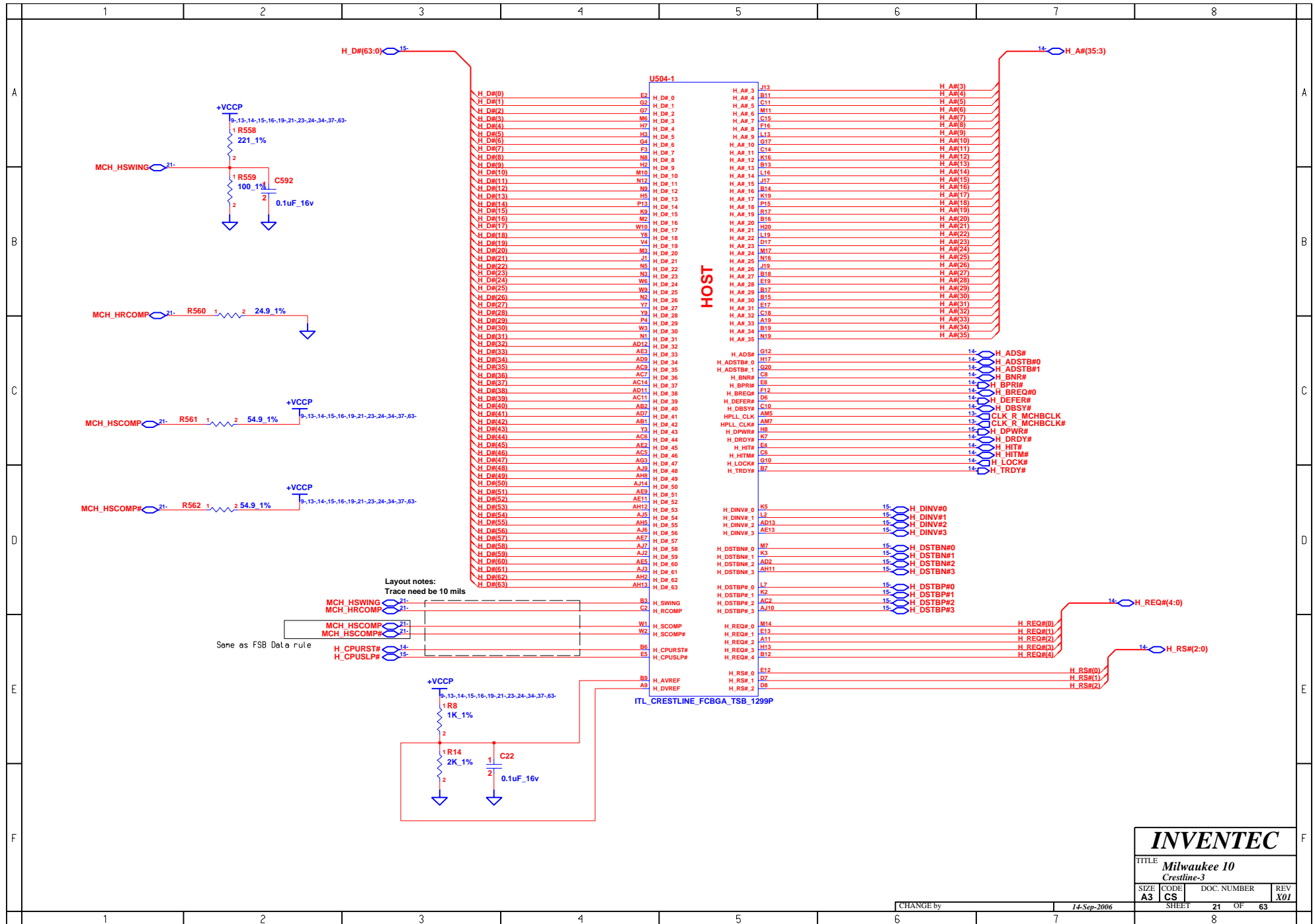
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TITLE  
**Milwaukee 10**  
**Crestline-2**

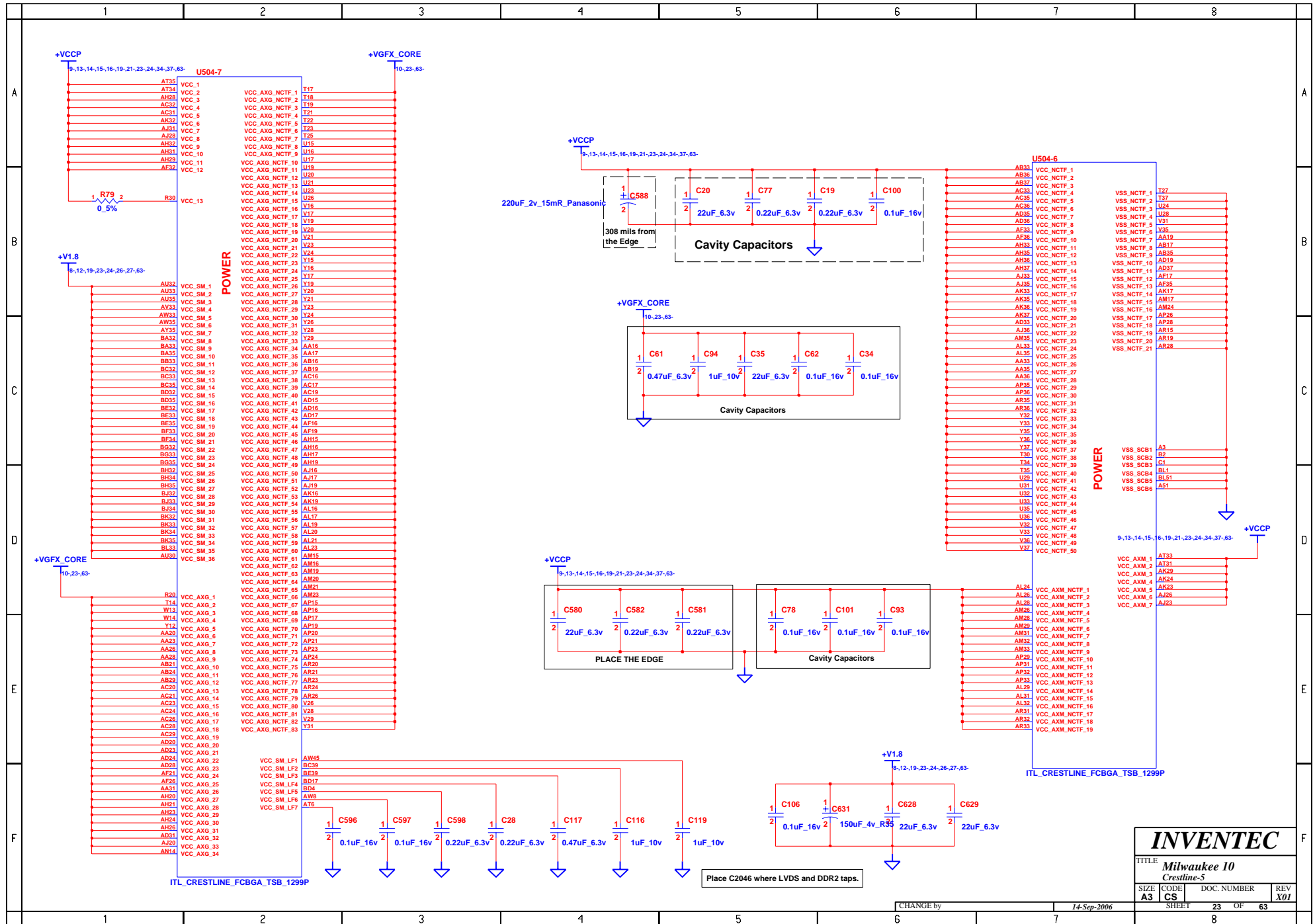
SIZE	CODE	DOC. NUMBER	REV
A3	CS		X01

CHANGE by 27-Sep-2006

SHEET 20 OF 63







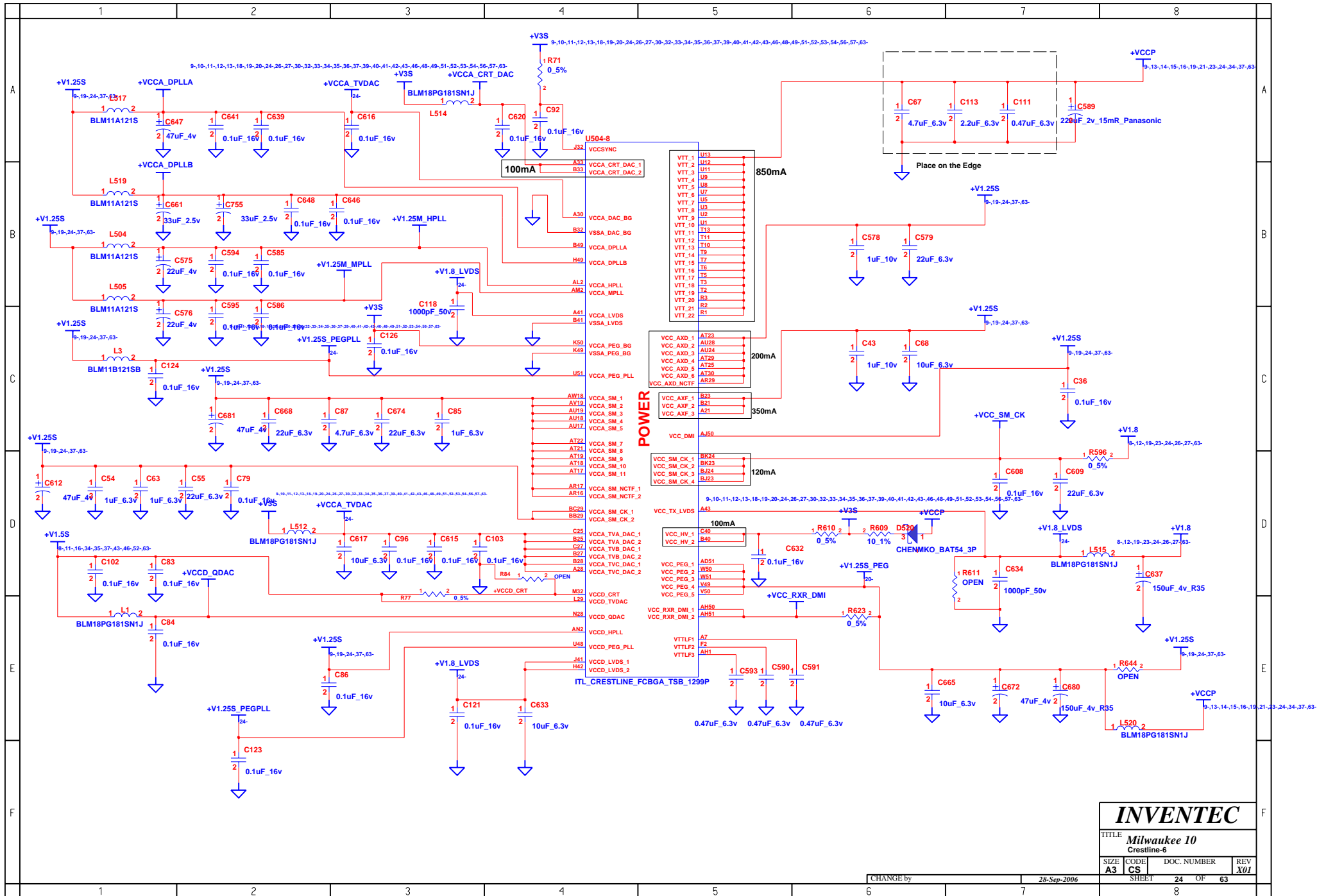
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TITLE: Milwaukee 10 Crestline-5

SIZE	CODE	DOC. NUMBER	REV
A3	CS	23 OF 63	X01

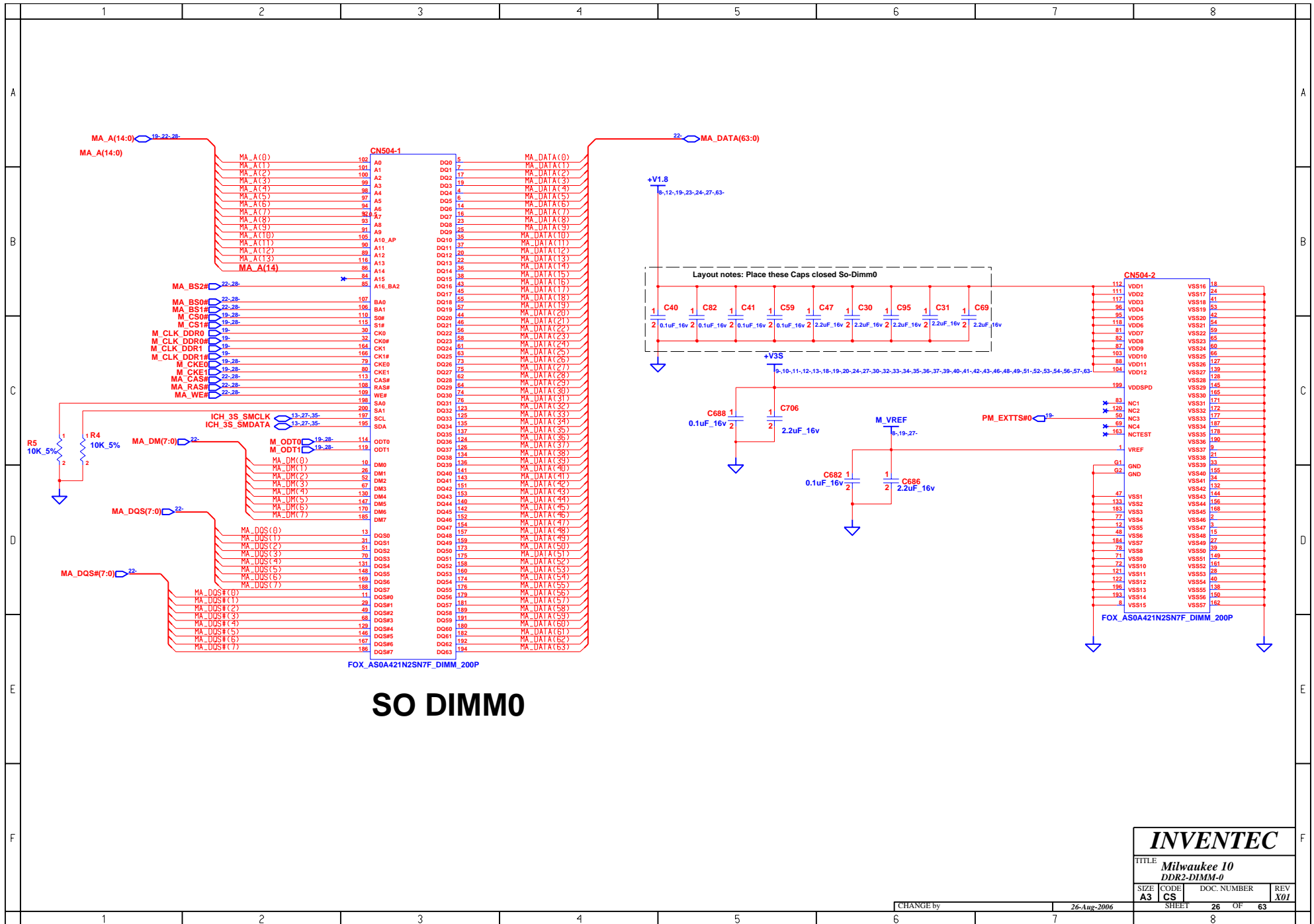
CHANGE by 14-Sep-2006

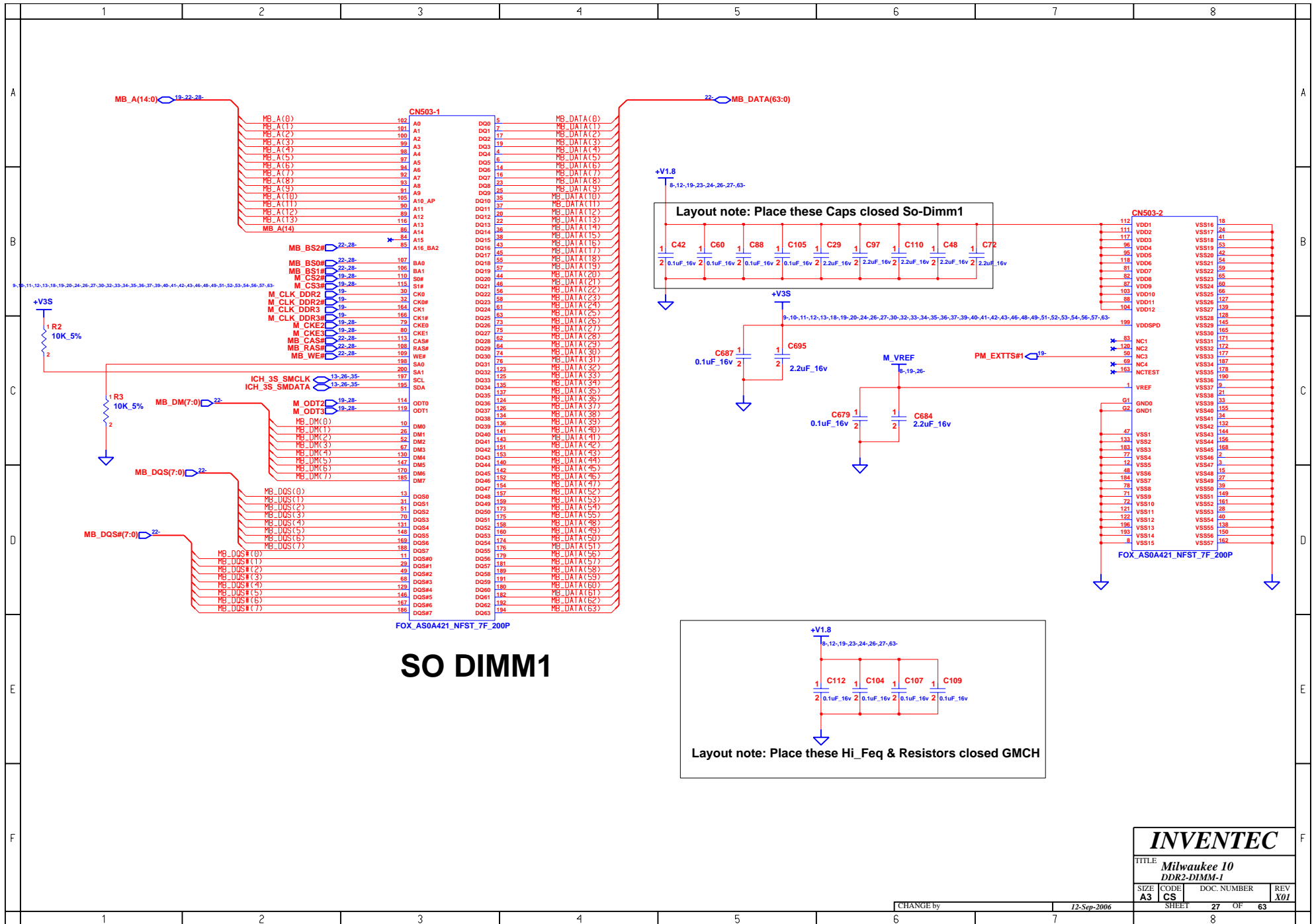
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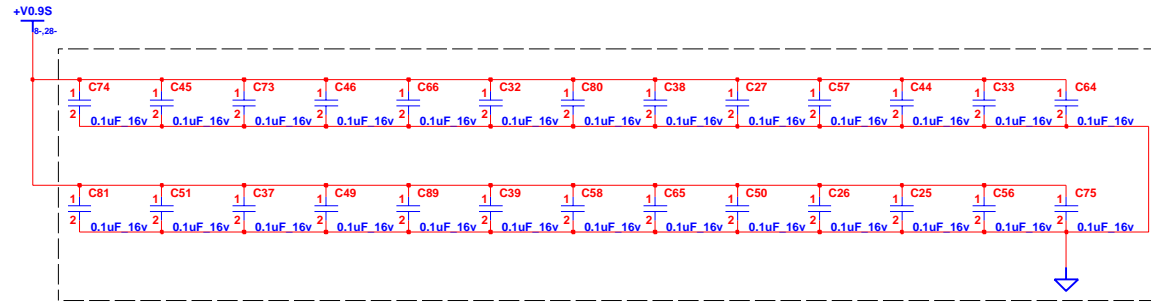




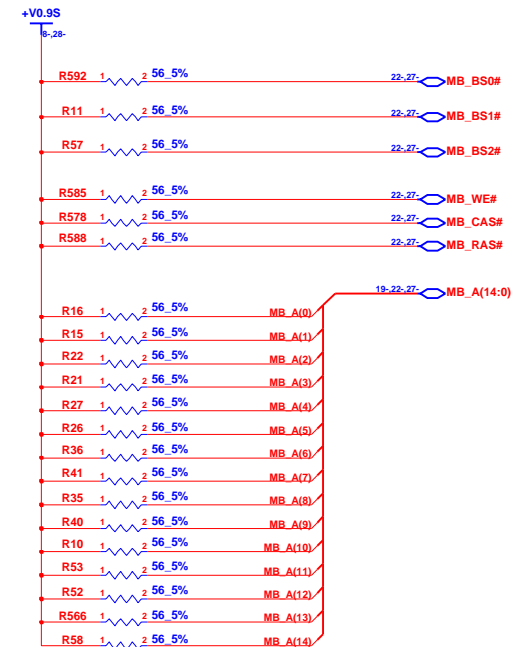
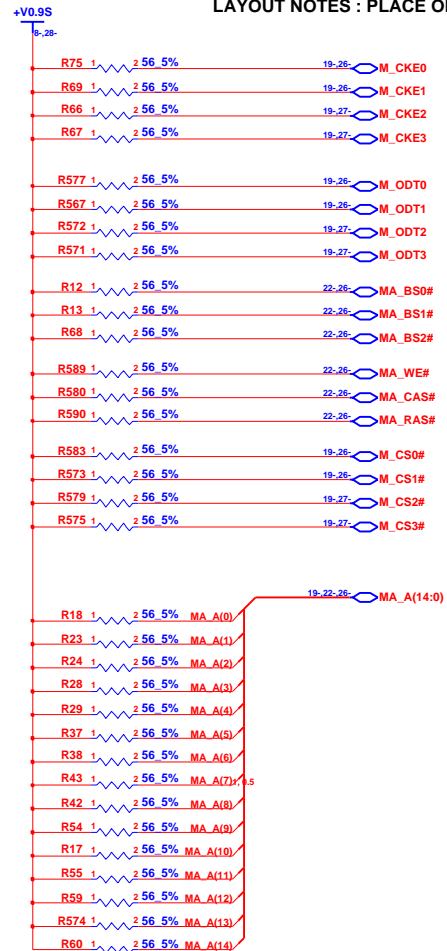








LAYOUT NOTES : PLACE ONE CAP CLOSE TO EVERY 2 PULL UP RESISTOR TERMINATED TO +V0.9S



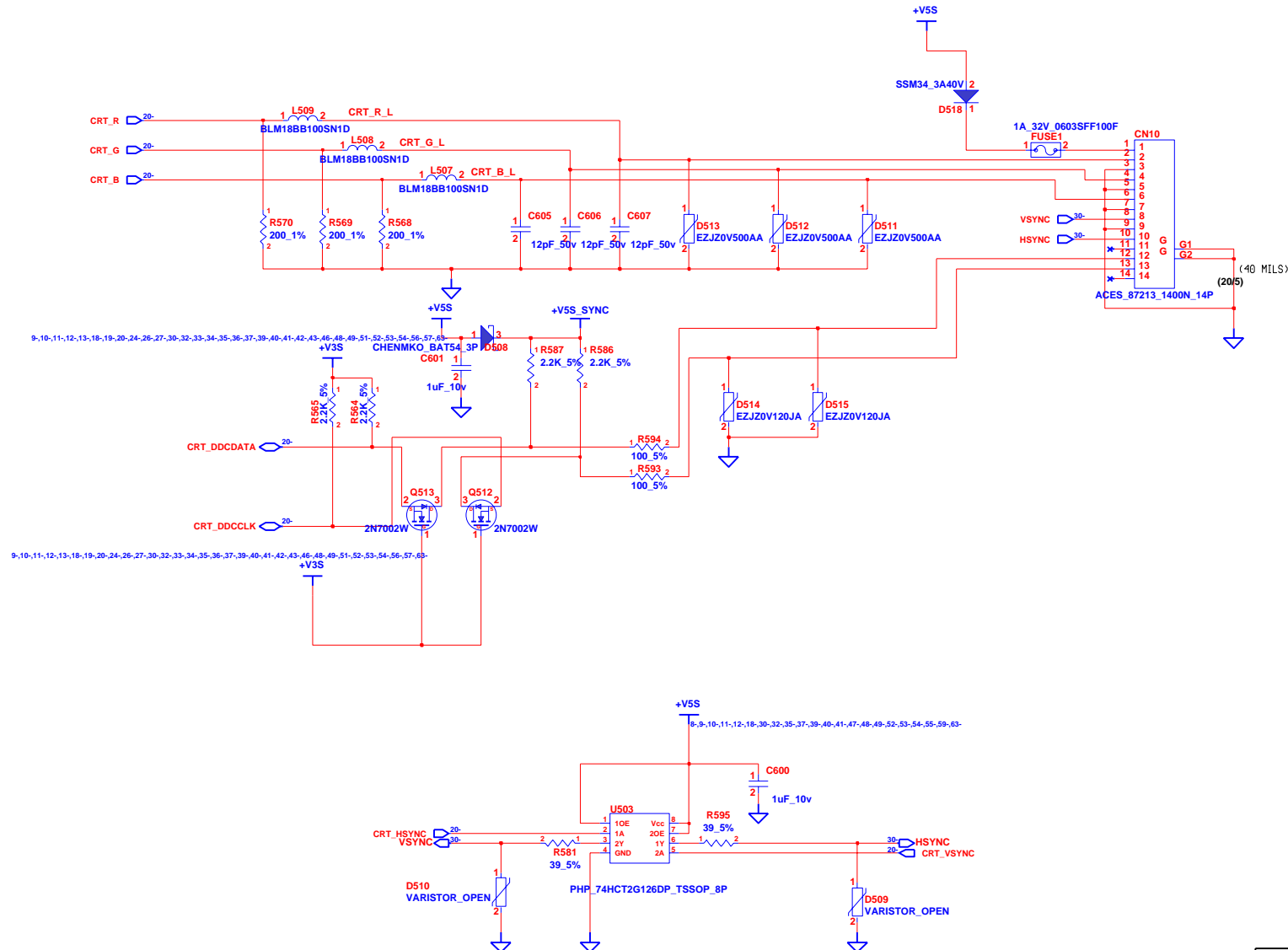
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SIZE A3	CODE CS	DOC. NUMBER	REV X01
SHEET		28 OF	63

CHANGE by 26-Aug-2006

	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	

<b>INVENTEC</b>			
TITLE <i>Milwaukee 10</i> MXM CONN			
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SHEET		29	OF 63

CHANGE by 14-Sep-2006

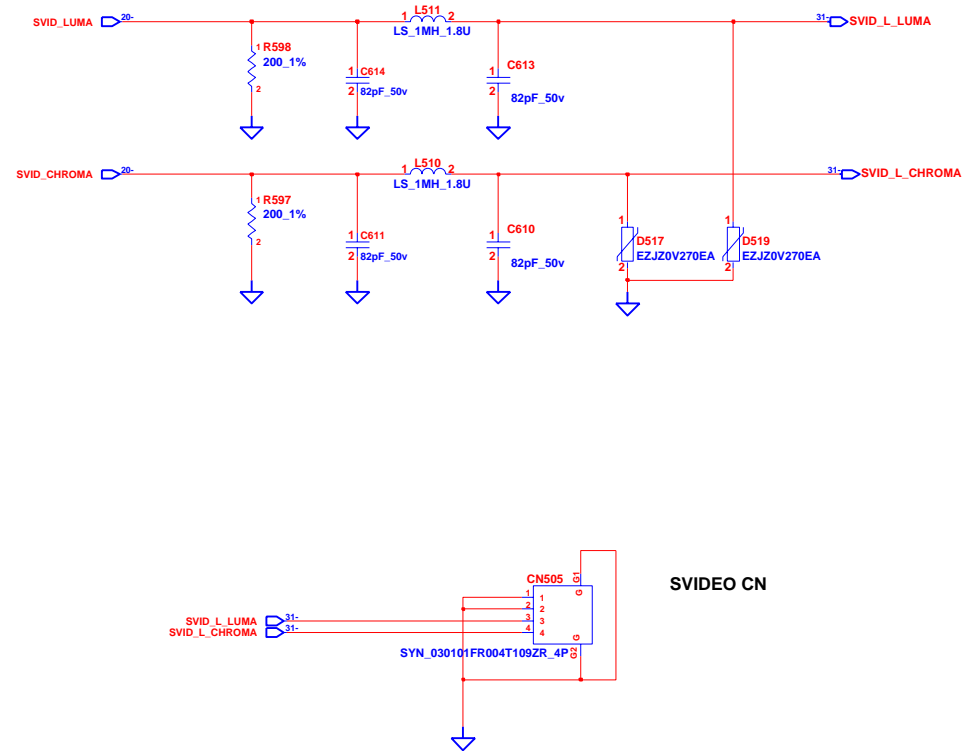


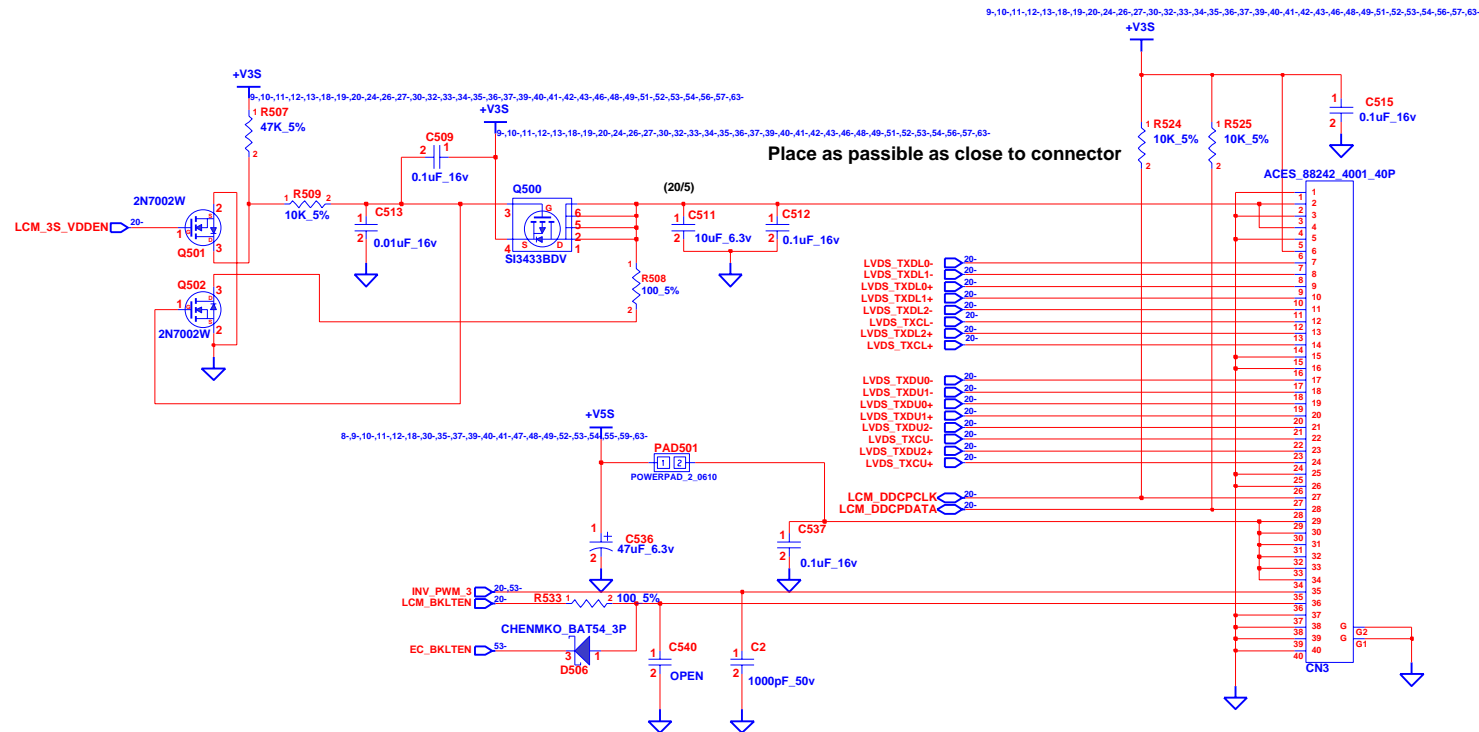
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TITLE			
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SIZE	CODE	DOC. NUMBER	REV
A3	CS		X01

CHANGE by 30-Aug-2006

SHEET 30 OF 63





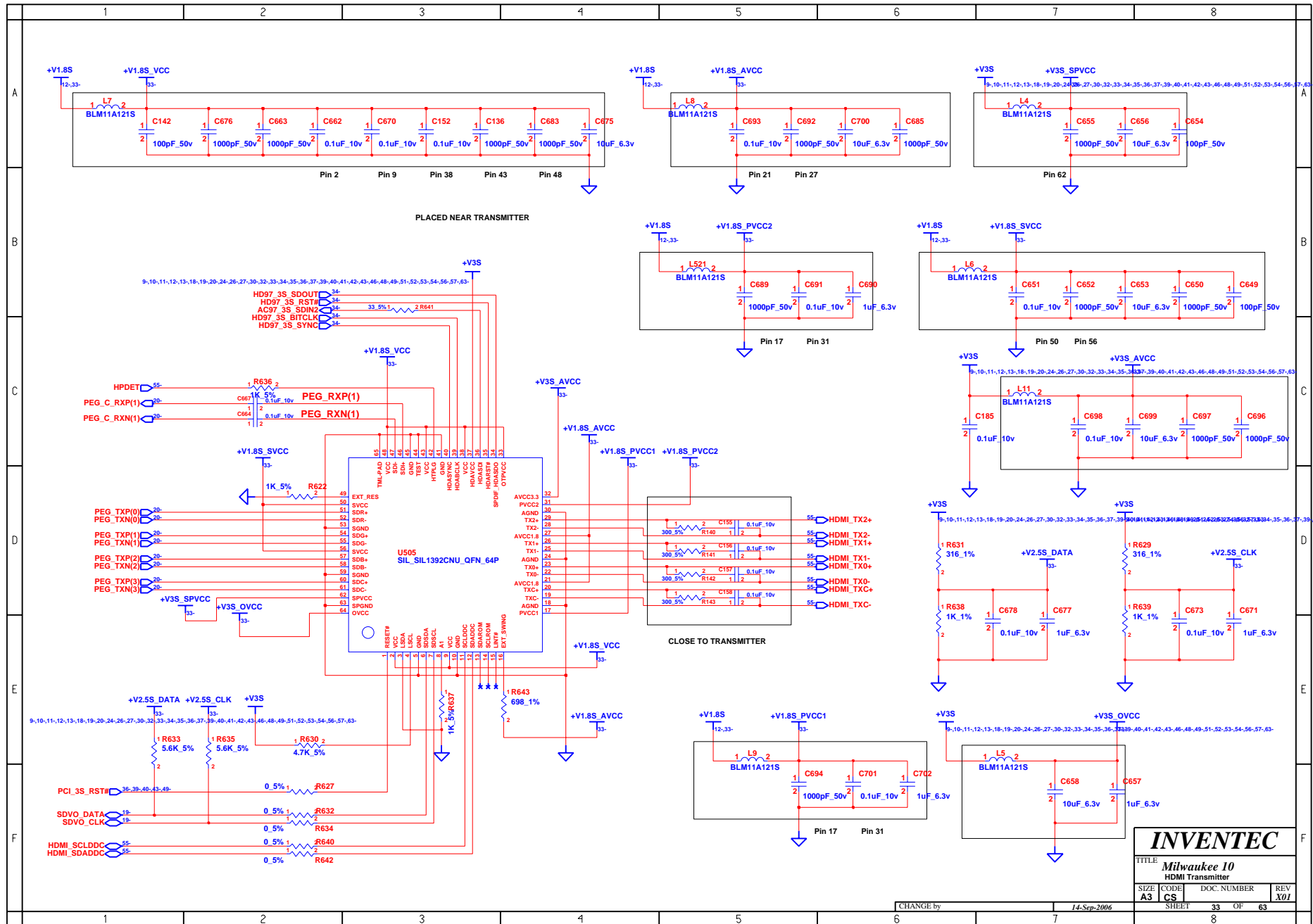
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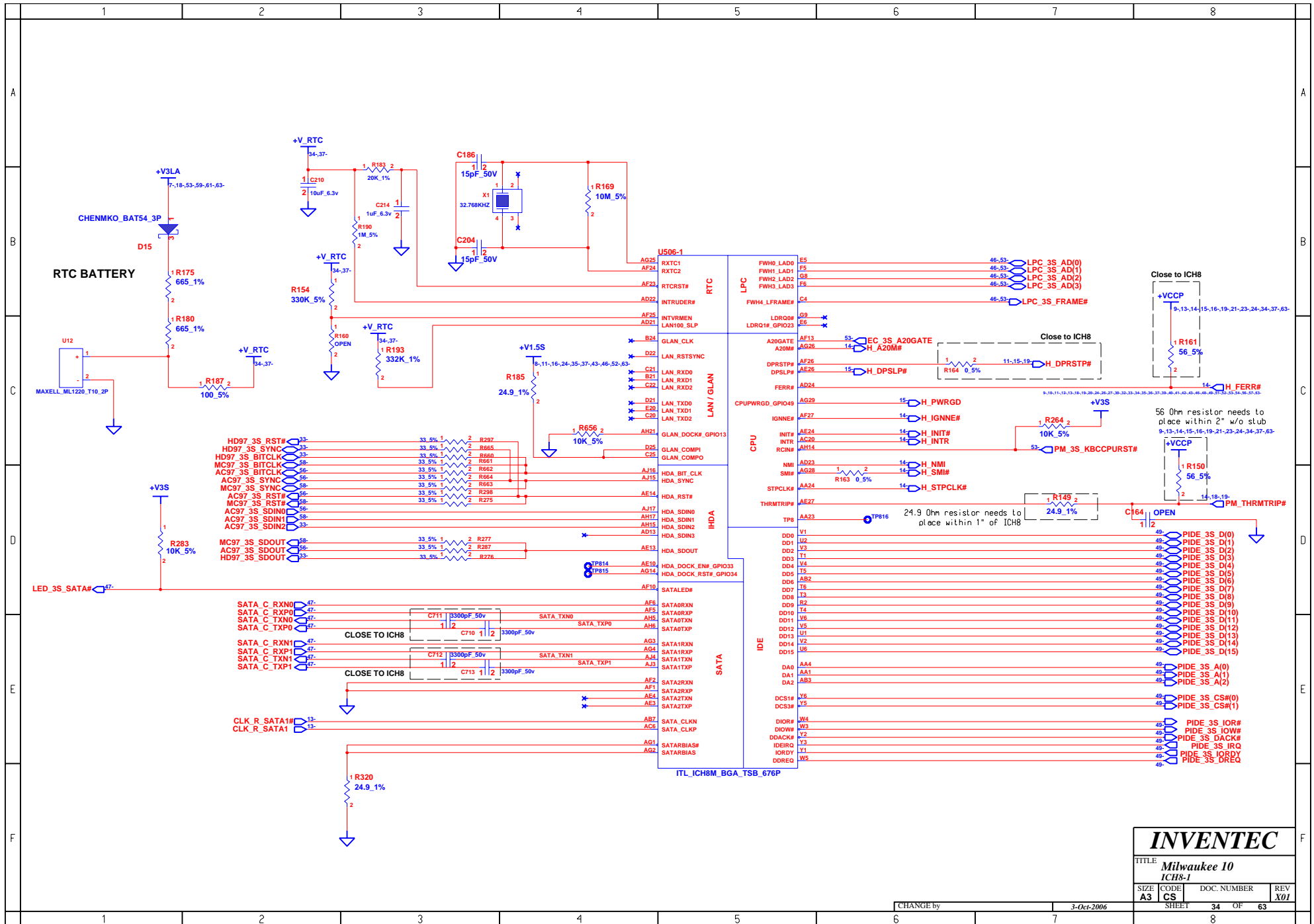
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LCM

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SHEET: <b>32</b>		OF: <b>63</b>	

CHANGE by: **27-Sep-2003**







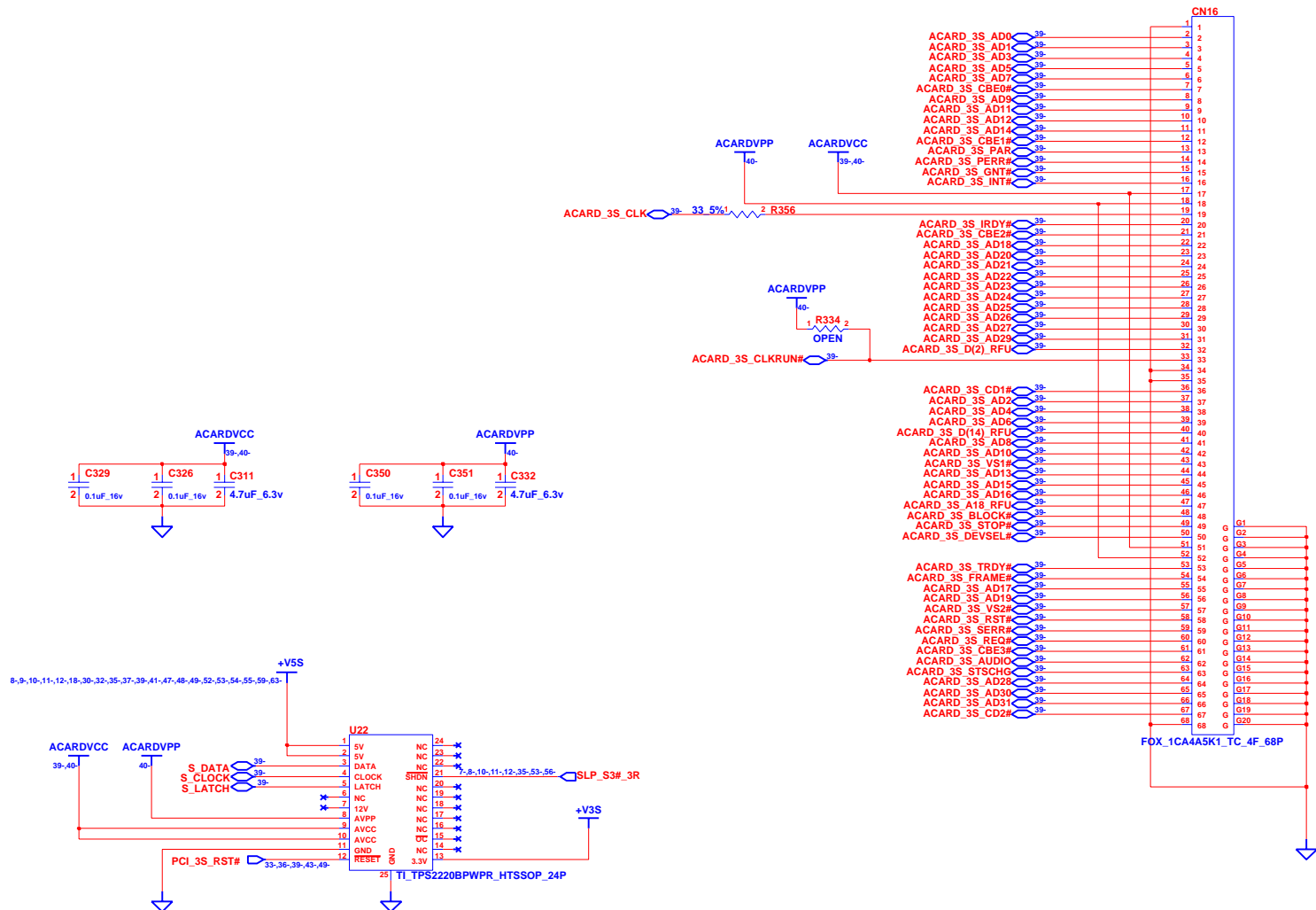












**INVENTEC**

TITLE: **Milwaukee 10**  
PCMCIA

SIZE: **A3** CODE: **CS** DOC. NUMBER: **REV X01**

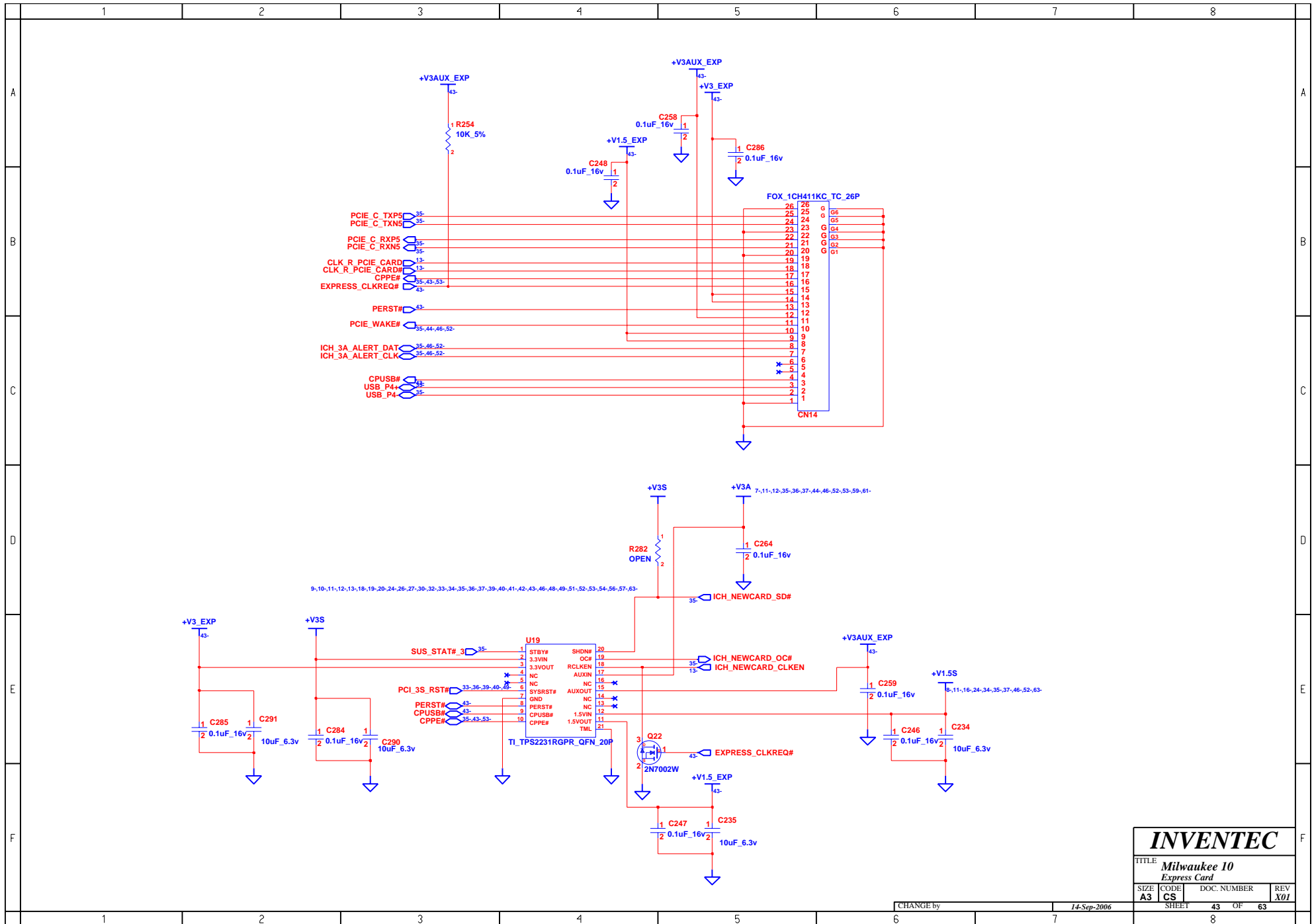
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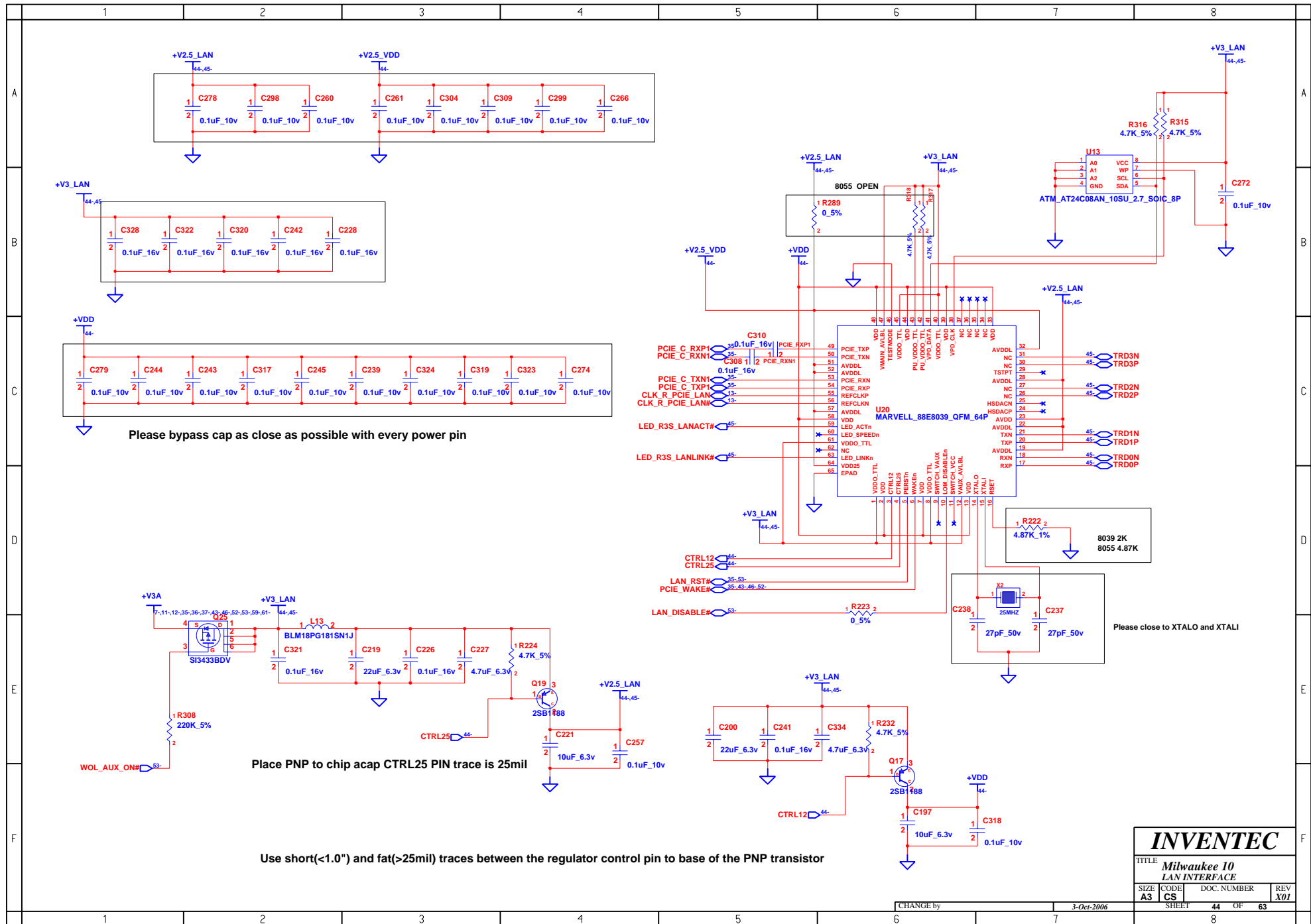
SHEET: **40** OF: **63**



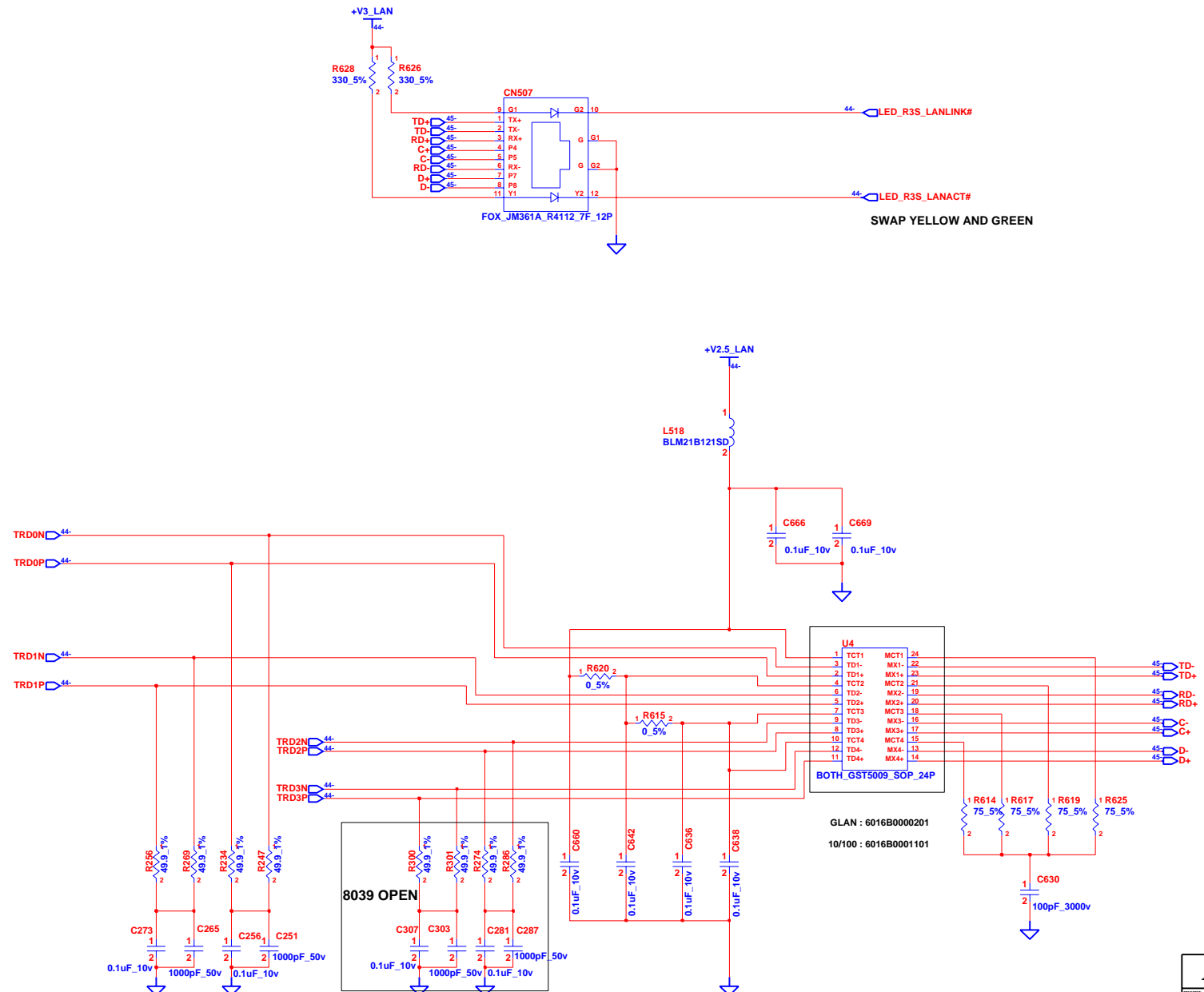
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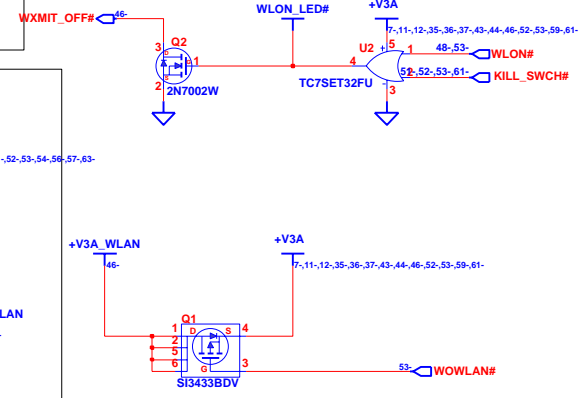
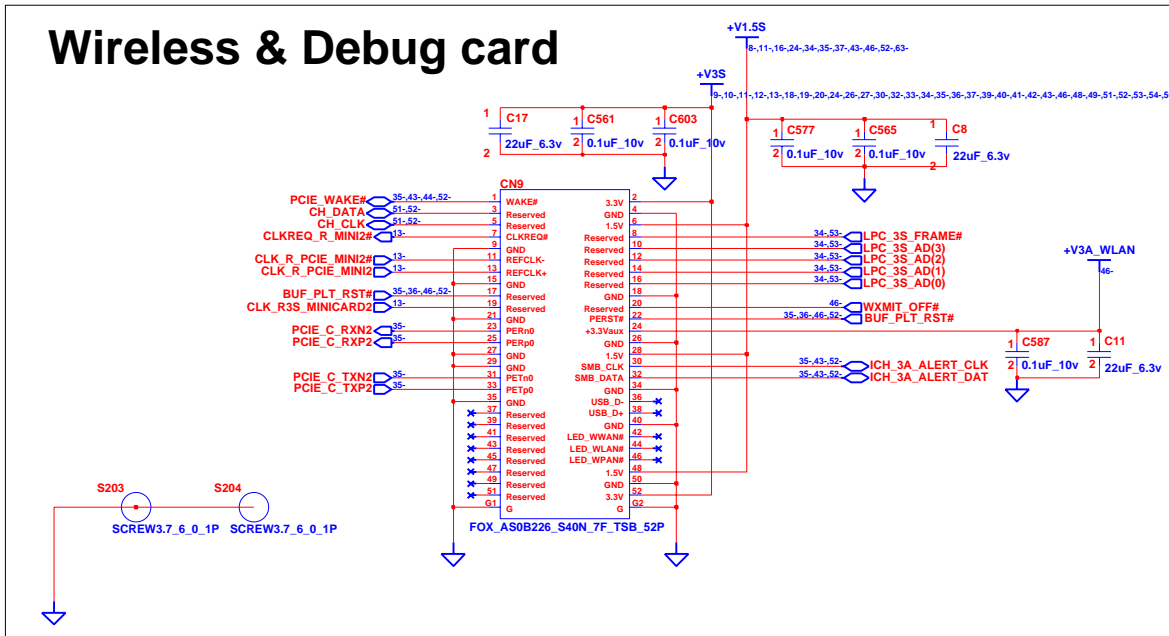
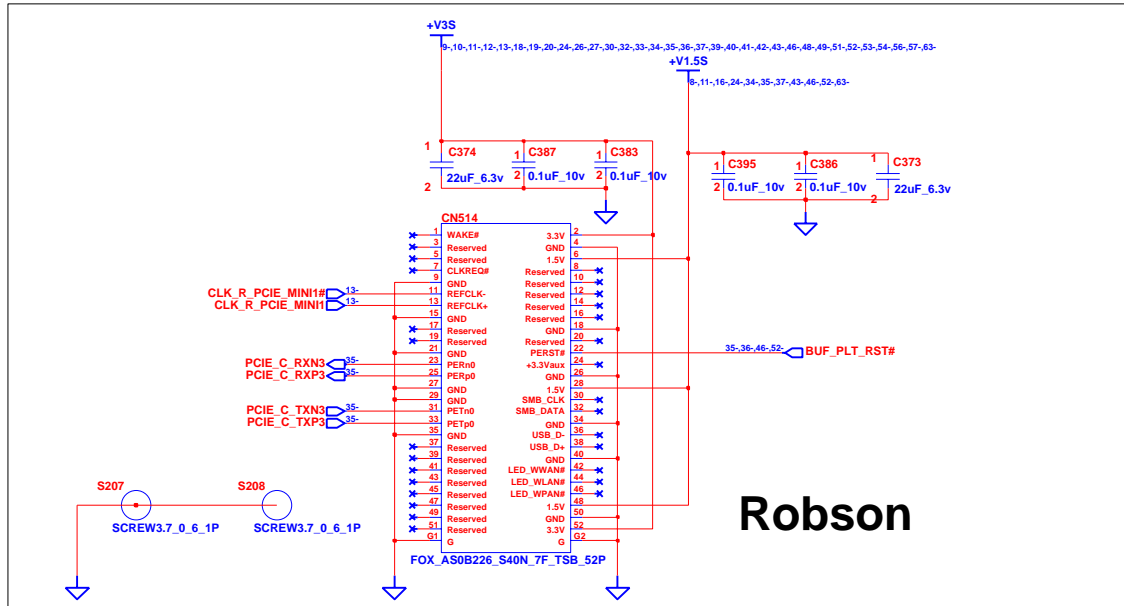


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SIZE A3	CODE CS	DOC. NUMBER	REV X01
CHANGE by		3-Oct-2006	
SHEET		44	OF 63



INVENTEC			
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SIZE A3	CODE CS	DOC. NUMBER	REV X01
SHEET		45 OF	63

CHANGE by 18-Sep-2006



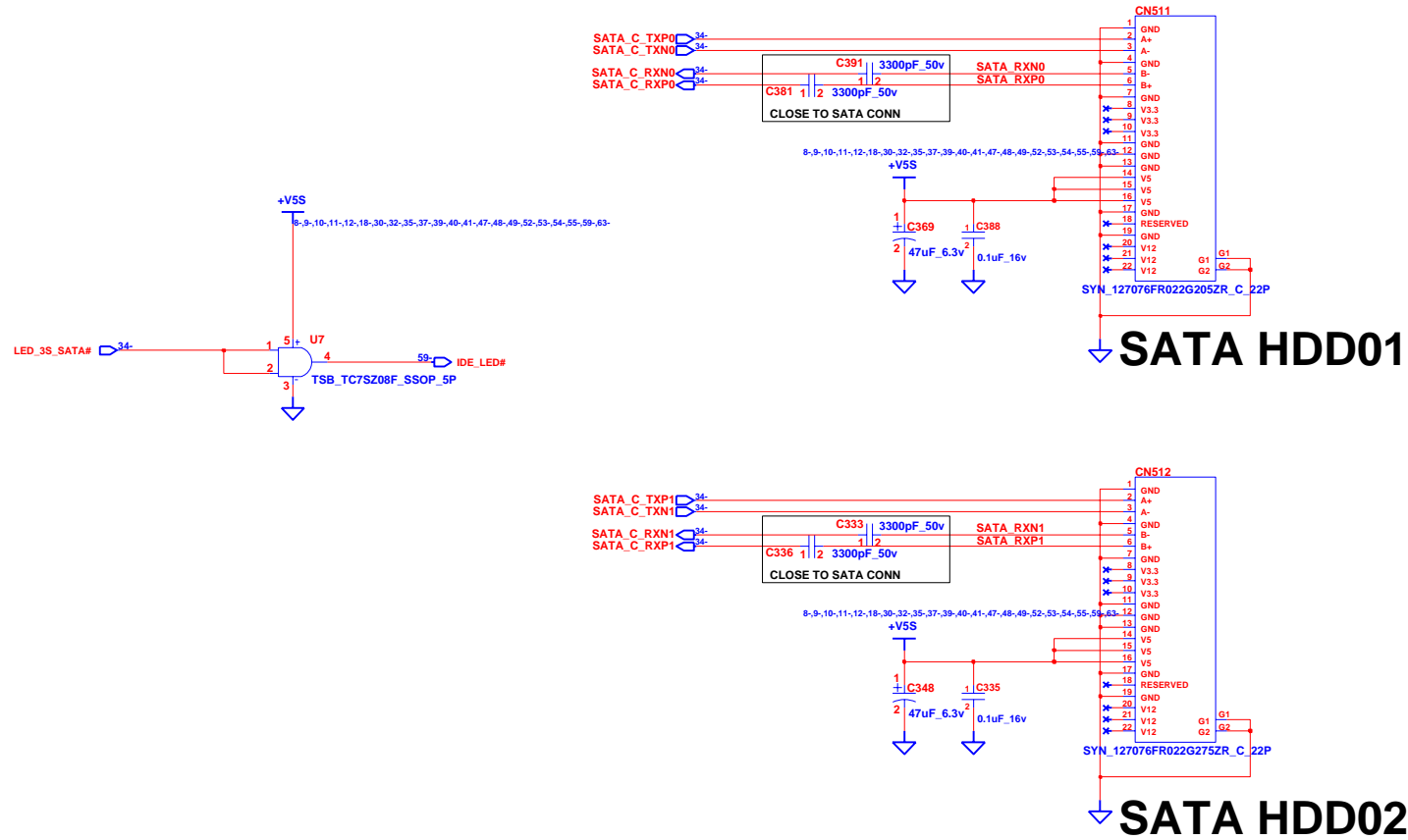
**INVENTEC**

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**Robson & WLAN**

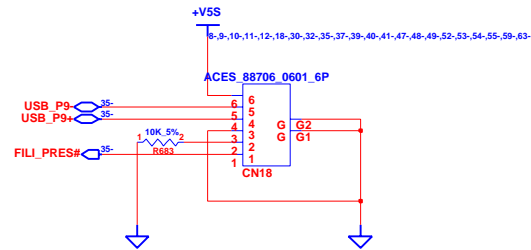
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A3	CS		X01

CHANGE by: 29-Sep-2006

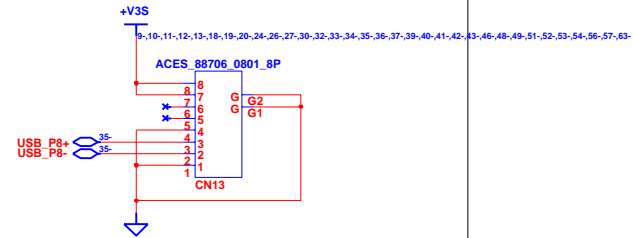
SHEET 46 OF 63



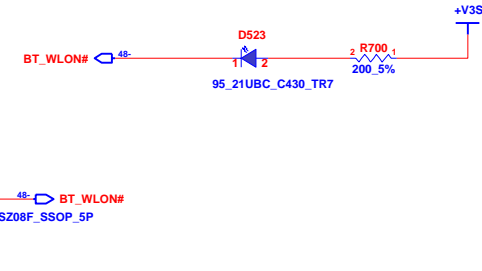
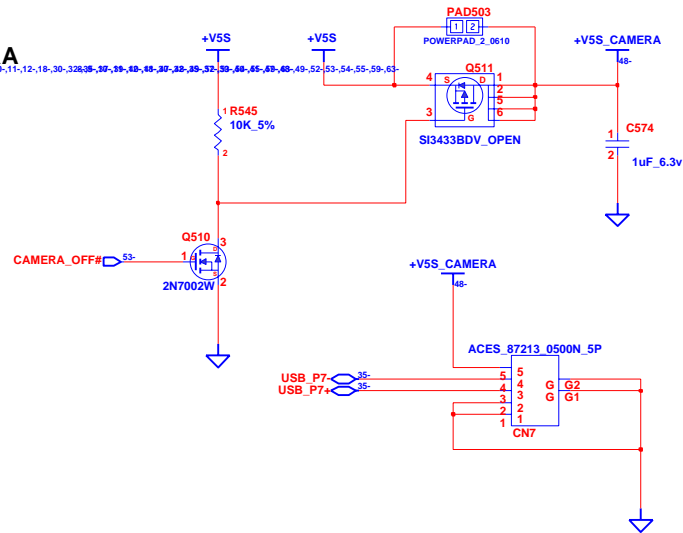
### FILICA



### Fingerprint Board CONN



### CAMERA



**INVENTEC**

TITLE		
Milwaukee 10		
Filica & Finger Printer & Camera		
SIZE	CODE	DOC. NUMBER
A3	CS	REV
SHEET 48 OF 63		

CHANGE by 26-Aug-2006



The schematic diagram illustrates the electrical connections for the EZJ20V270EA (D14) component, which is a 32-bit PCI bus interface. The component is connected to a 32-bit PCI bus (CN508) and various board components.

**Key Components and Connections:**

- Resistors:**
  - R144 (8.2K 5%) connects +V3S to PIDE\_3S\_IRQ.
  - R148 (5.6K 5%) connects +V3S to PIDE\_3S\_DREQ.
  - R107 (330 5%) connects +V5S to the PCI bus.
  - R109 (OPEN) connects +V5S to the PCI bus.
- Capacitors:**
  - C138 (47uF 6.3V) connects +V5S to ground.
  - C132 (0.1uF 10V) connects +V5S to ground.
  - C129 (0.1uF 10V) connects +V5S to ground.
- Other Components:**
  - 5.6K 5% resistor connects +V3S to ground.
  - 4.7K 5% resistor connects +V3S to ground.

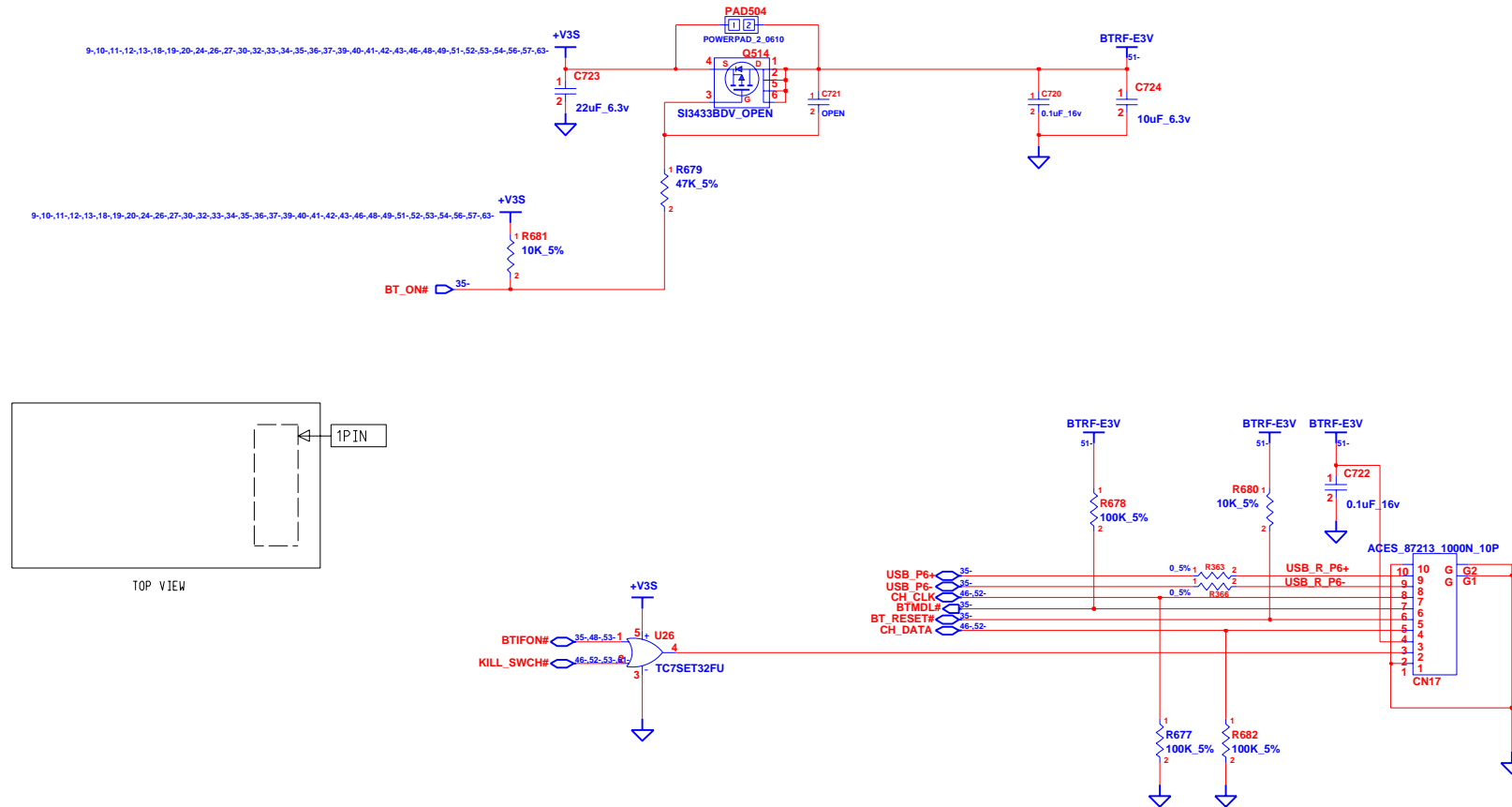
**Signal Connections:**

- PCI Signals:** PIDE\_3S\_D(15:0), PIDE\_3S\_D(14), PIDE\_3S\_D(13), PIDE\_3S\_D(12), PIDE\_3S\_D(11), PIDE\_3S\_D(10), PIDE\_3S\_D(9), PIDE\_3S\_D(8), PIDE\_3S\_D(7), PIDE\_3S\_D(6), PIDE\_3S\_D(5), PIDE\_3S\_D(4), PIDE\_3S\_D(3), PIDE\_3S\_D(2), PIDE\_3S\_D(1), PIDE\_3S\_D(0), PIDE\_3S\_DREQ, PIDE\_3S\_IOR#, PIDE\_3S\_IOW#, PIDE\_3S\_IRDY, PIDE\_3S\_A(2:0), PIDE\_3S\_A(1), PIDE\_3S\_A(0), PIDE\_3S\_A(2), PIDE\_3S\_CSN(0), PIDE\_3S\_CSN(1).
- Board Signals:** PIDE\_3S\_IRQ, PIDE\_3S\_DREQ, PIDE\_3S\_A(2:0), PIDE\_3S\_A(1), PIDE\_3S\_A(0), PIDE\_3S\_A(2), PIDE\_3S\_CSN(0), PIDE\_3S\_CSN(1).

**Board Information:**

- Board Name:** Milwaukee 10 ODD
- Board Part Number:** SYN\_800031MR050S118ZL\_50P
- Board Revision:** A3
- Board Code:** CS
- Board Size:** 49 OF 63
- Board Date:** 26-Aug-2006



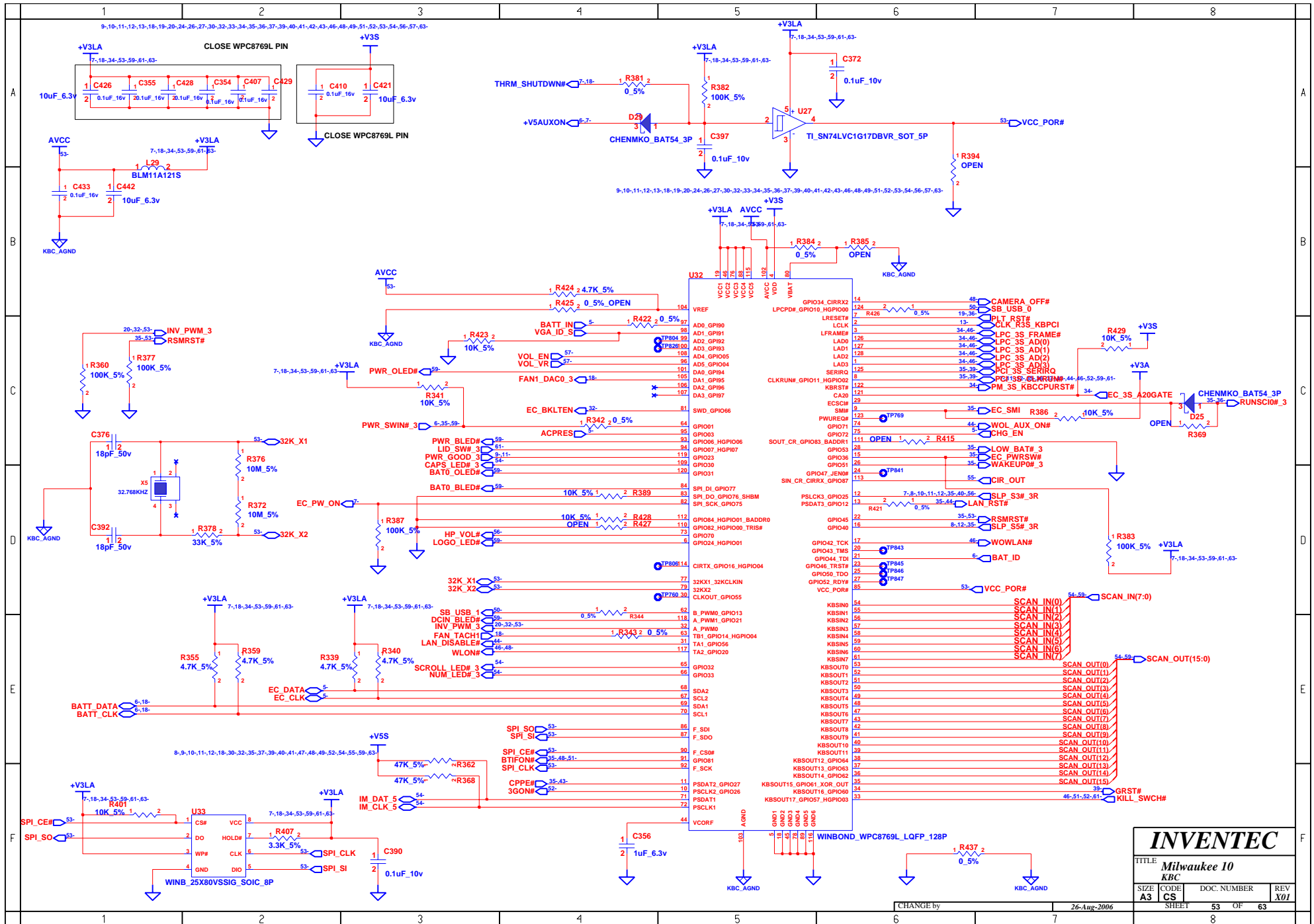


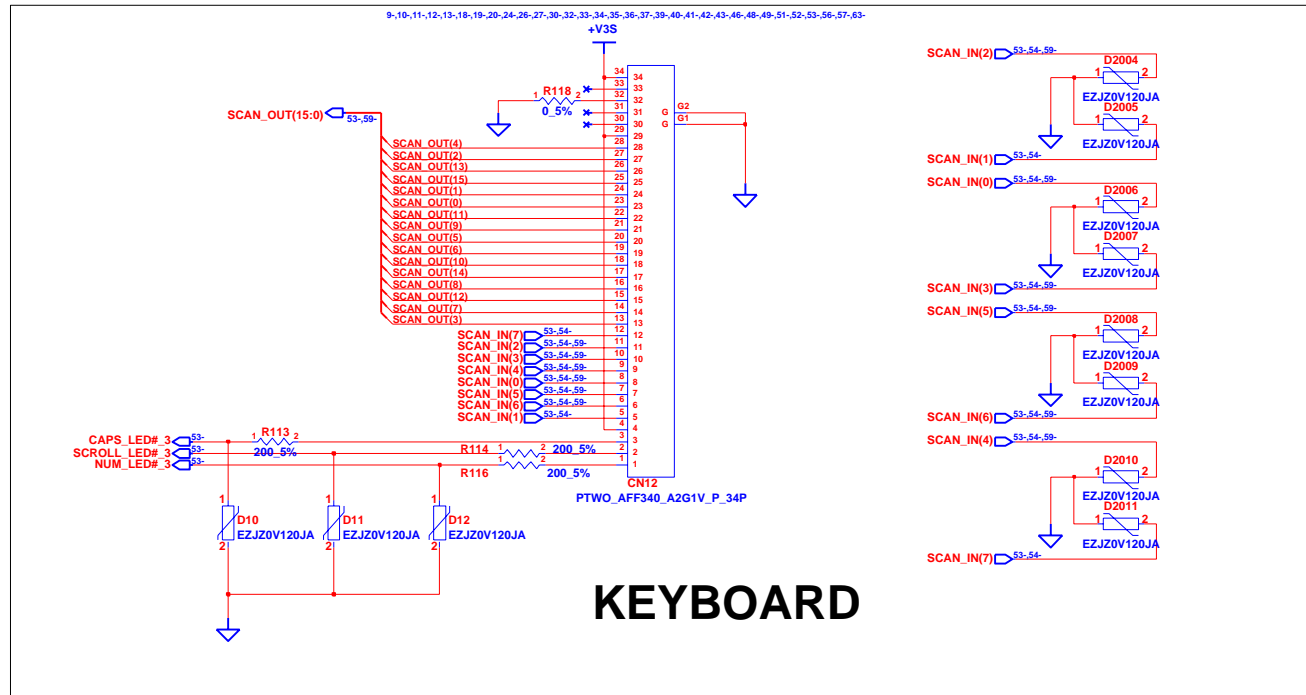
TOP VIEW

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TITLE Milwaukee 10 BLUETOOTH			
SIZE A3	CODE CS	DOC. NUMBER	REV X01
SHEET		51	OF 63

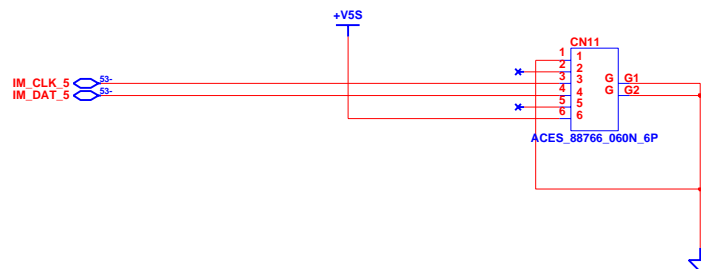
CHANGE by 1-Sep-2006





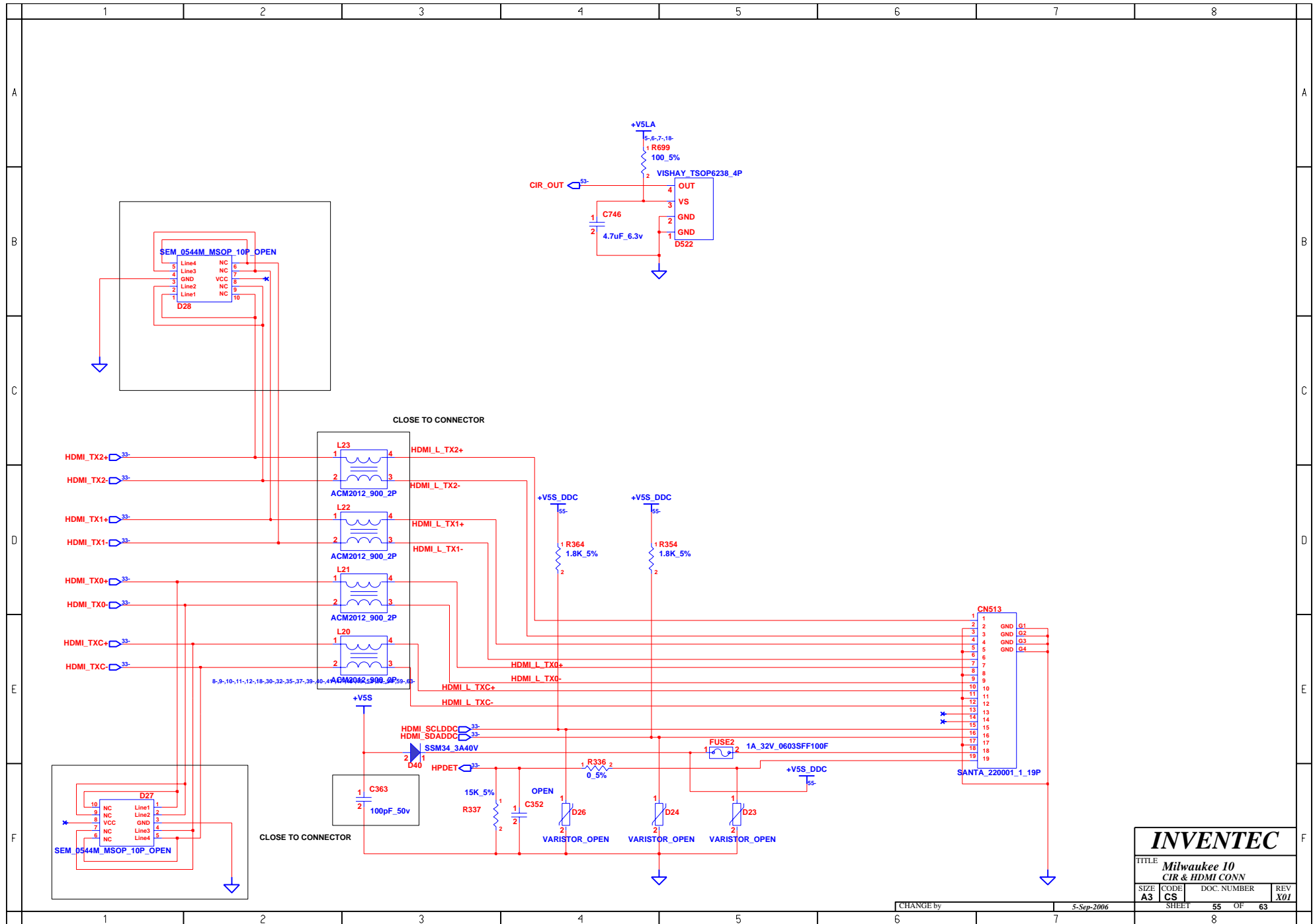


## KEYBOARD



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SHEET 54 OF 63			

CHANGE by: 4-Oct-2006

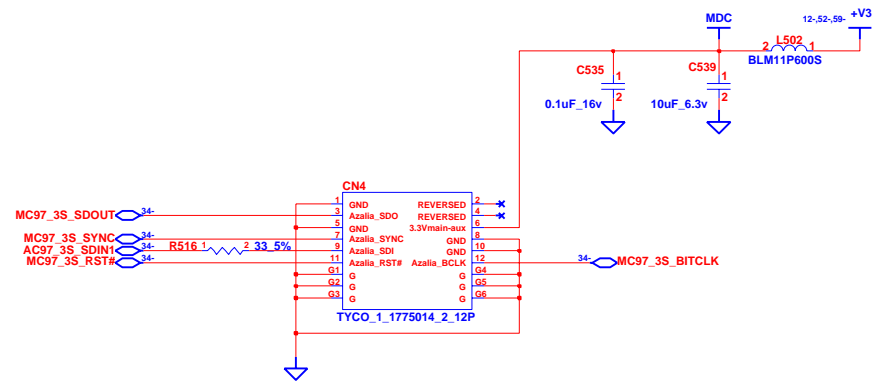


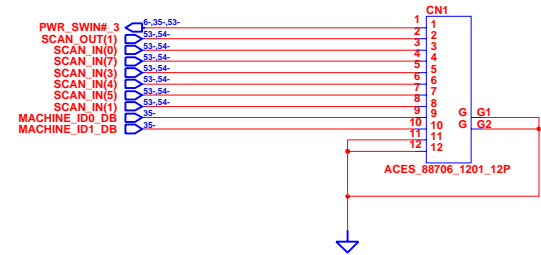
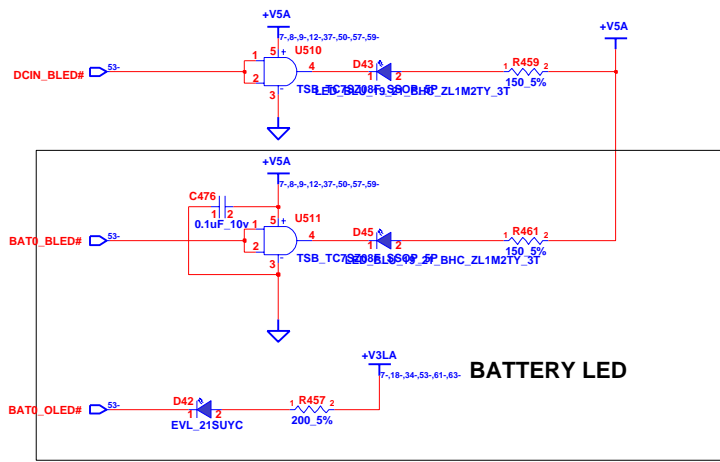
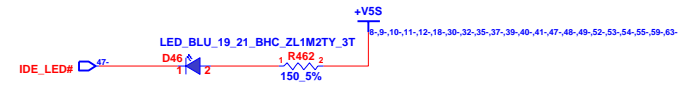
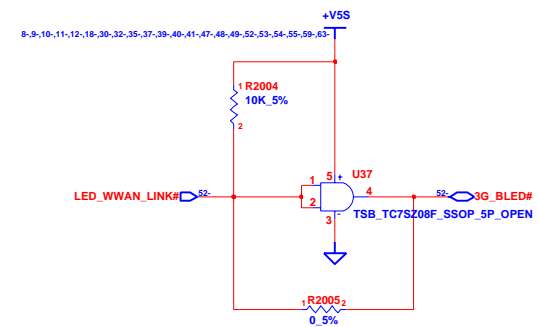
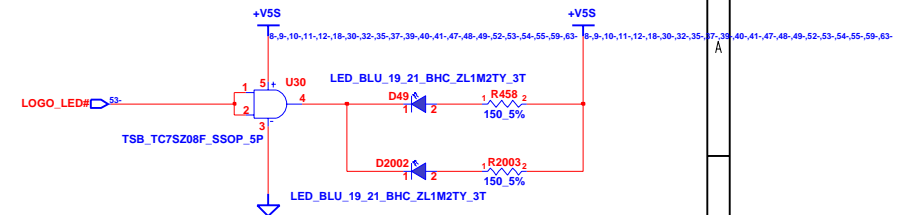
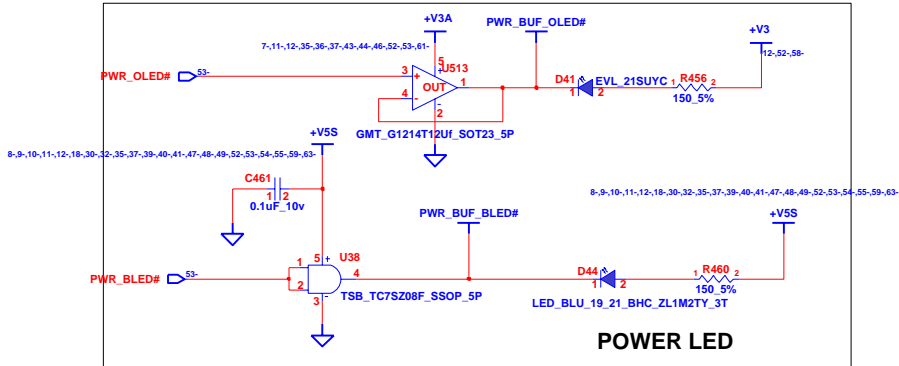
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SHEET: 8		OF: 63	











INVENTEC			
TITLE			
Milwaukee 10			
LED			
SIZE	CODE	DOC. NUMBER	REV
A3	CS		X01
CHANGE by		26-Aug-2006	
SHEET		59	OF 63
		8	



### KILL SWITCH

The diagram illustrates a Kill Switch circuit. A +V3A power source is connected to a 100K 5% resistor (R449) and a 0.1uF 16v capacitor (C472). The circuit also includes a 120V 0.39A fuse (C39), a 1000pF 50v capacitor (C471), and an SW500 switch. The switch is controlled by a KILL\_SWCH# signal (pins 46-51, 52-53). The switch is connected to a DIP\_LSS2M\_V\_B signal.

TITLE			
<i>Milwaukee 10</i> <i>Kill SW &amp; Lid SW</i>			
SIZE	CODE	DOC. NUMBER	REV
<b>A3</b>	<b>CS</b>		<b>X01</b>
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