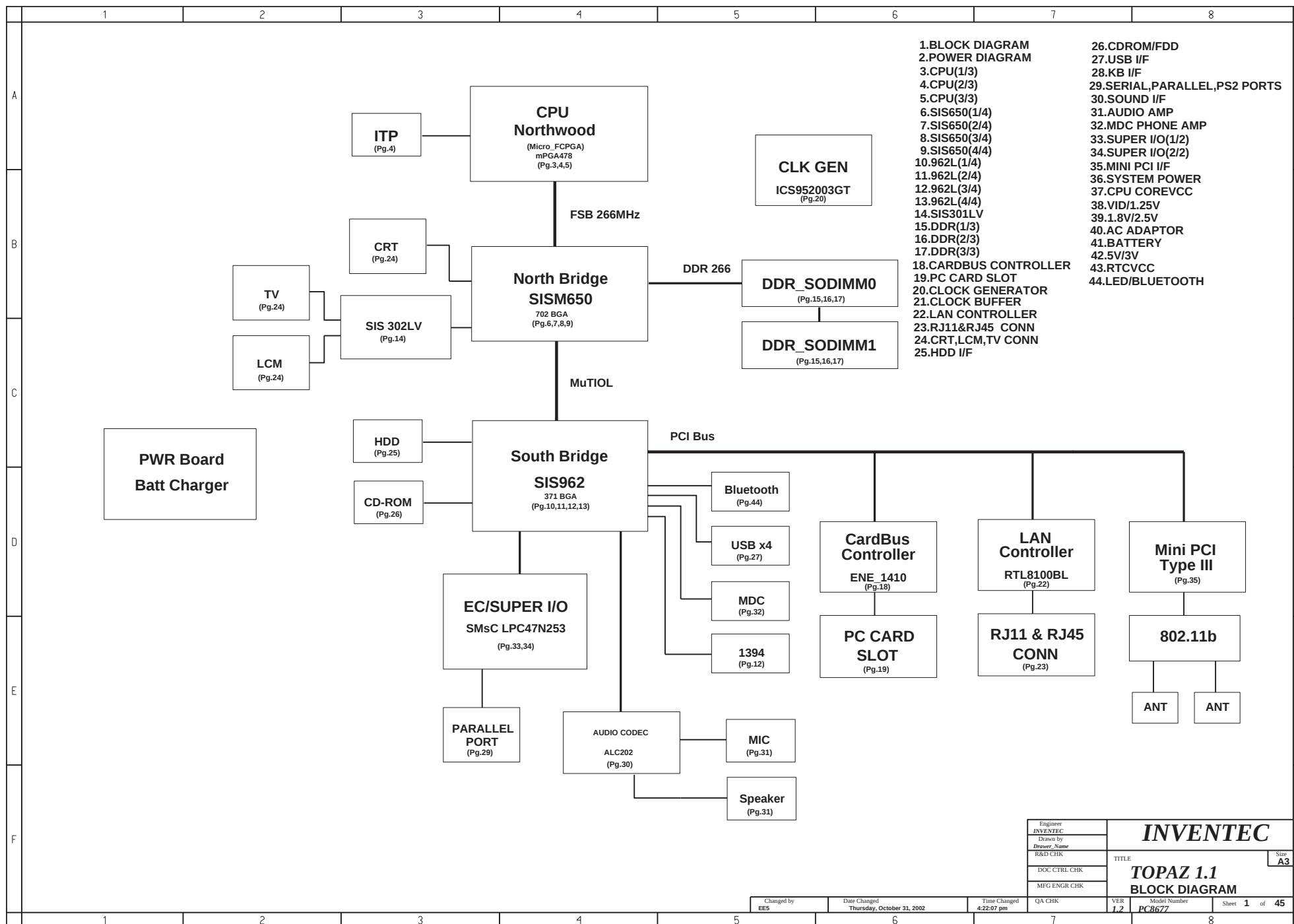
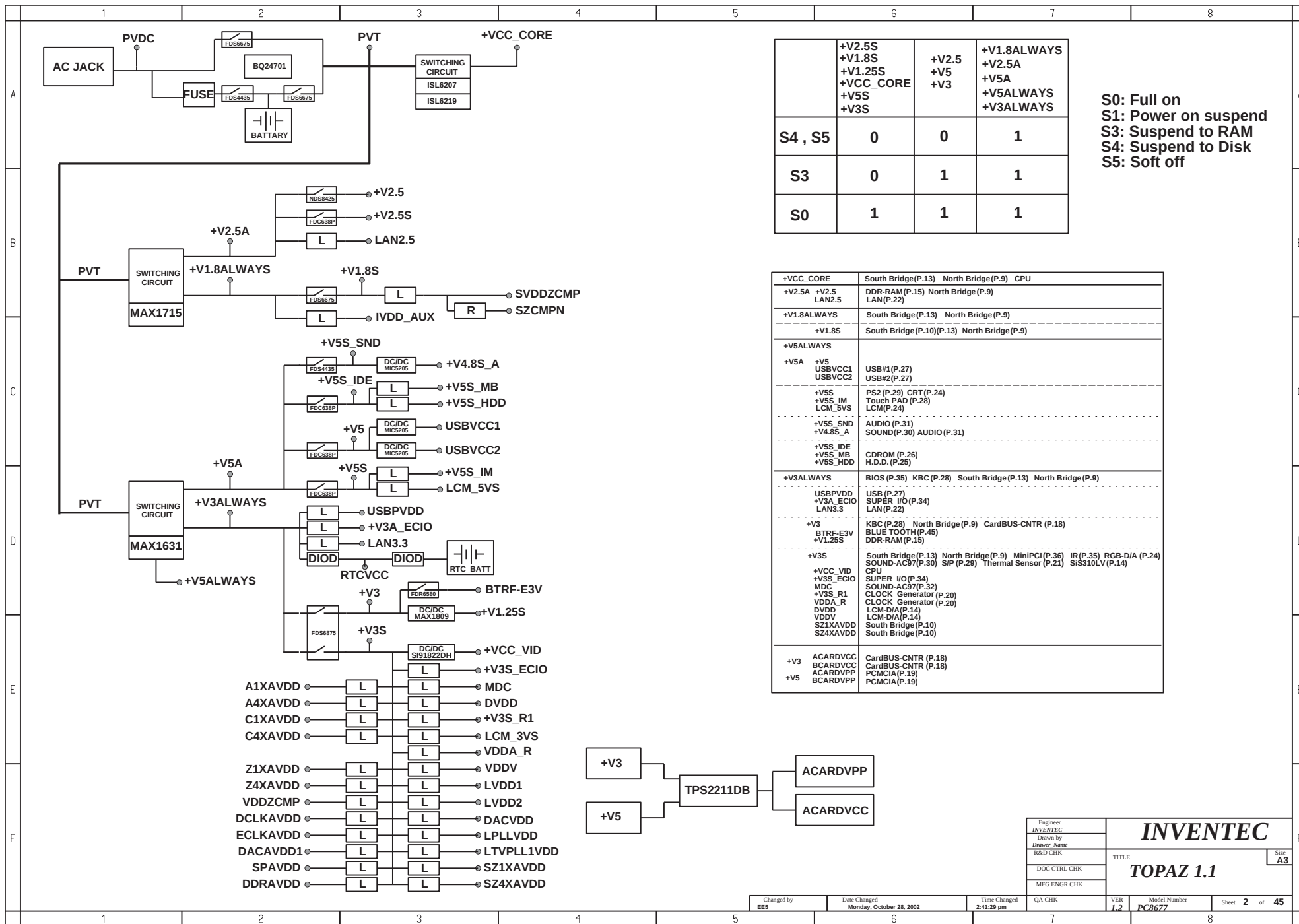






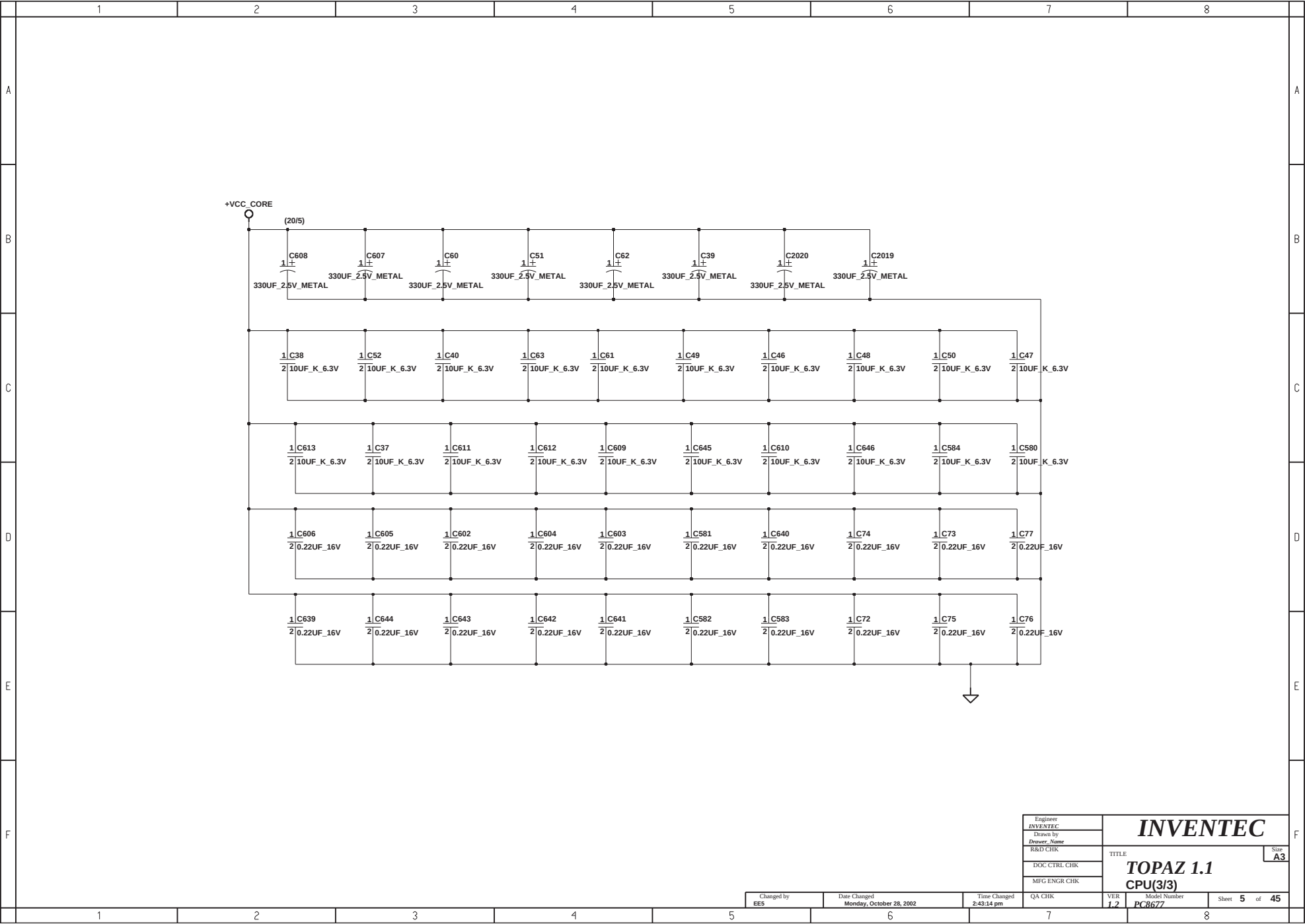
S0: Full on
S1: Power on suspend
S3: Suspend to RAM
S4: Suspend to Disk
S5: Soft off

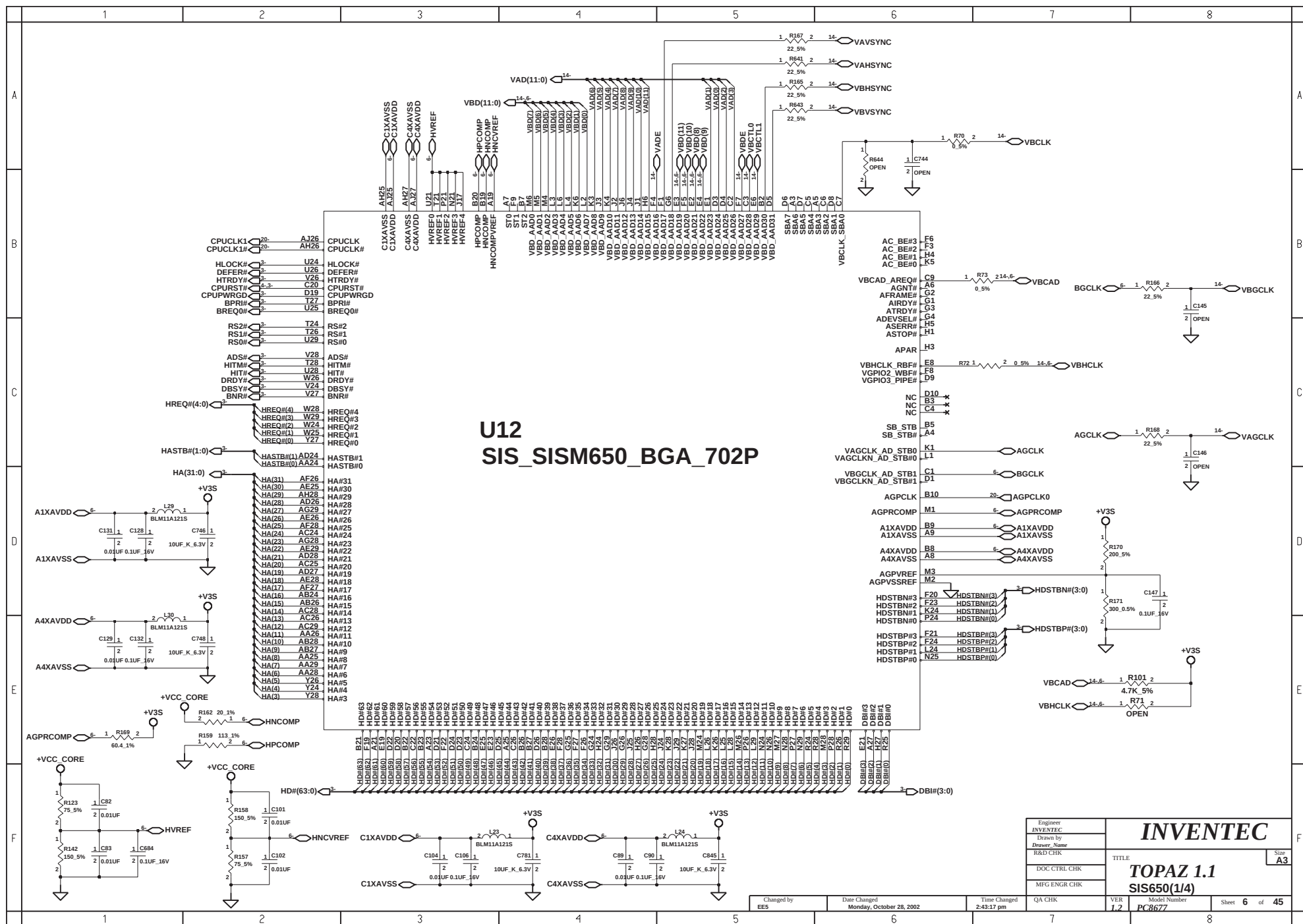
Power Rail	South Bridge (P.13)	North Bridge (P.9)	CPU
+VCC_CORE	South Bridge (P.13)	North Bridge (P.9)	CPU
+V2.5A	DDR-RAM (P.15)	North Bridge (P.9)	
+V1.8ALWAYS	South Bridge (P.13)	North Bridge (P.9)	
+V1.8S	South Bridge (P.10)(P.13)	North Bridge (P.9)	
+V5ALWAYS			
+V5A	USB#1 (P.27)	USB#2 (P.27)	
+V5S	PS2 (P.29)	CRT (P.24)	
+V5S_IM	Touch PAD (P.28)	LCM (P.24)	
+V5S_SND	AUDIO (P.31)	SOUND (P.30)	AUDIO (P.31)
+V5S_IDE	CDROM (P.26)	H.D.D. (P.25)	
+V5S_MB			
+V5S_HDD			
+V3ALWAYS	BIOS (P.35)	KBC (P.28)	South Bridge (P.13)
+V3A_ECIO	USB (P.27)	SUPER I/O (P.34)	LAN (P.22)
+V3A_R1	KBC (P.28)	North Bridge (P.9)	CardBUS-CNTR (P.18)
+V3A_R2	BLUE TOOTH (P.45)	DDR-RAM (P.15)	
+V3A_R3	South Bridge (P.13)	North Bridge (P.9)	MiniPCI (P.36)
+V3A_R4	SOUND-AC97 (P.30)	S/P (P.29)	Thermal Sensor (P.21)
+V3A_R5	CPU	SUPER I/O (P.34)	IR (P.35)
+V3A_R6	SOUND-AC97 (P.32)	CLOCK Generator (P.20)	RGB-D/A (P.24)
+V3A_R7	CLOCK Generator (P.20)	LCM-D/A (P.14)	SiS310LV (P.14)
+V3A_R8	DVDD	LCM-D/A (P.14)	
+V3A_R9	VDDA_R	South Bridge (P.10)	
+V3A_R10	SZ1XAVDD	South Bridge (P.10)	
+V3A_R11	SZ4XAVDD	South Bridge (P.10)	
+V3A_R12	ACARDVCC	CardBUS-CNTR (P.18)	
+V3A_R13	BCARDVCC	CardBUS-CNTR (P.18)	
+V3A_R14	ACARDVPP	PCMCIA (P.19)	
+V3A_R15	BCARDVPP	PCMCIA (P.19)	

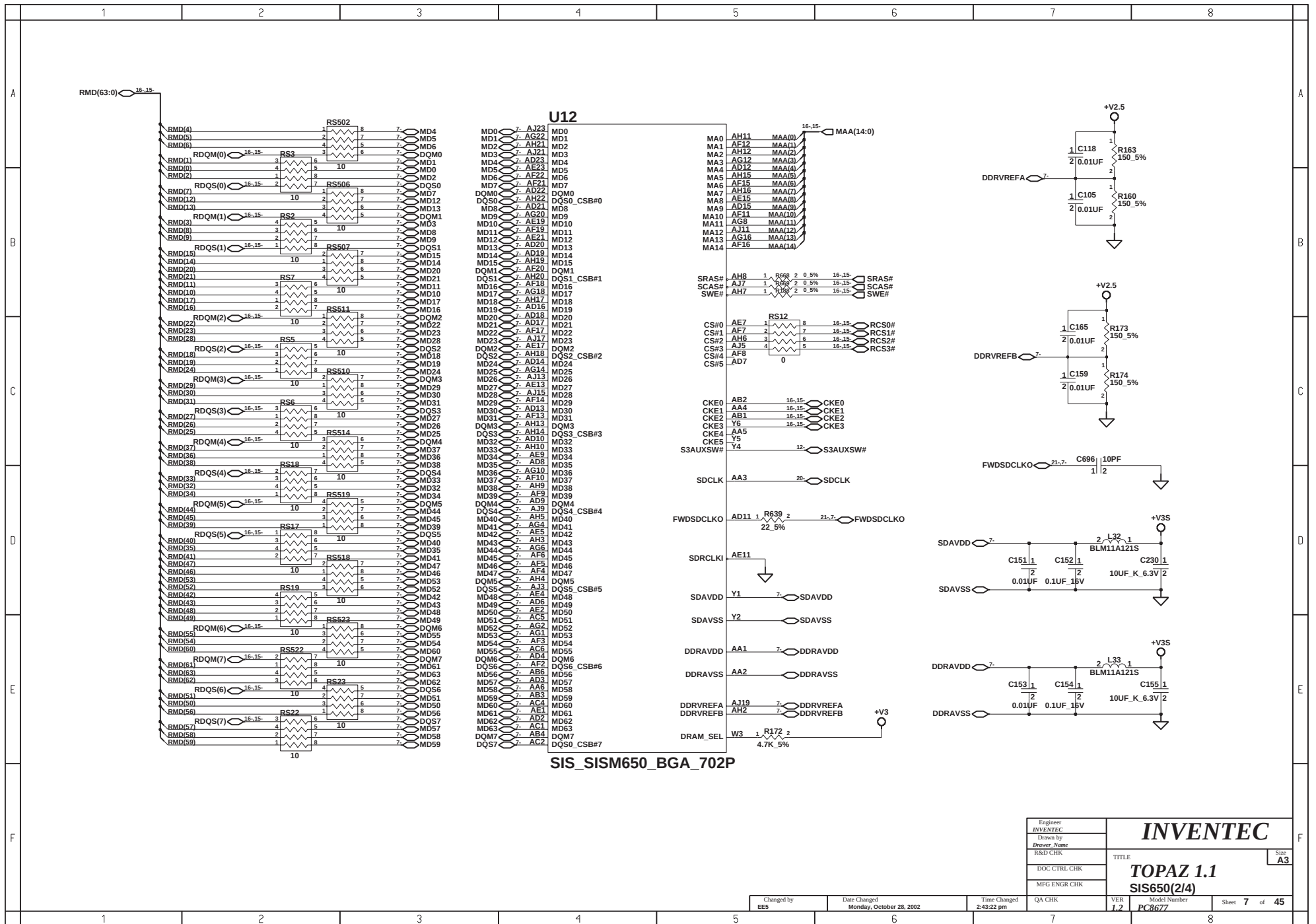
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Drawn by R&D CHK	
DOC CTRL CHK	
MFG ENGR CHK	

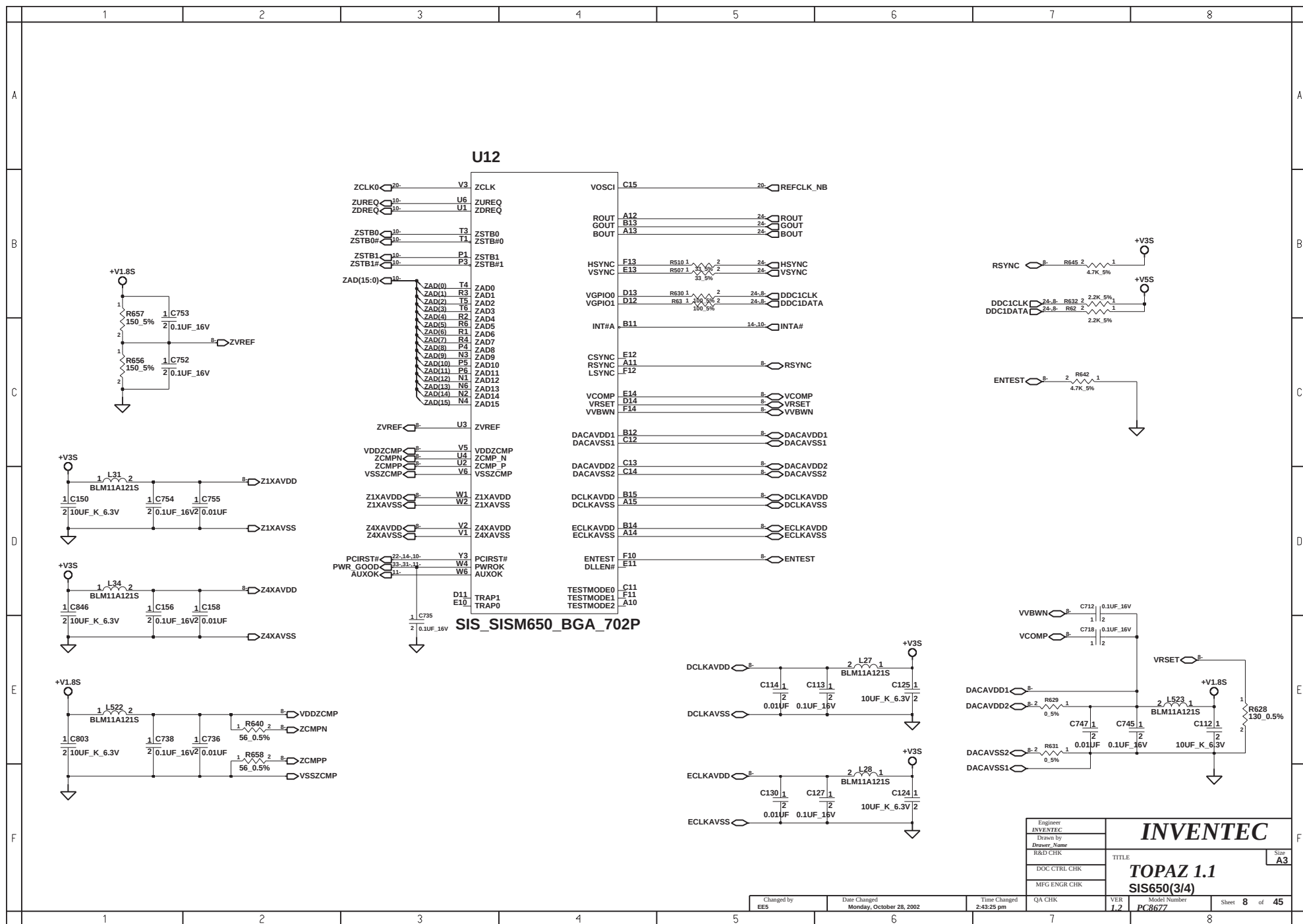
Changed by EES	Date Changed Monday, October 28, 2002	Time Changed 2:41:29 pm	QA CHK	VER 1.2	Model Number PC8677	Sheet 2	of 45
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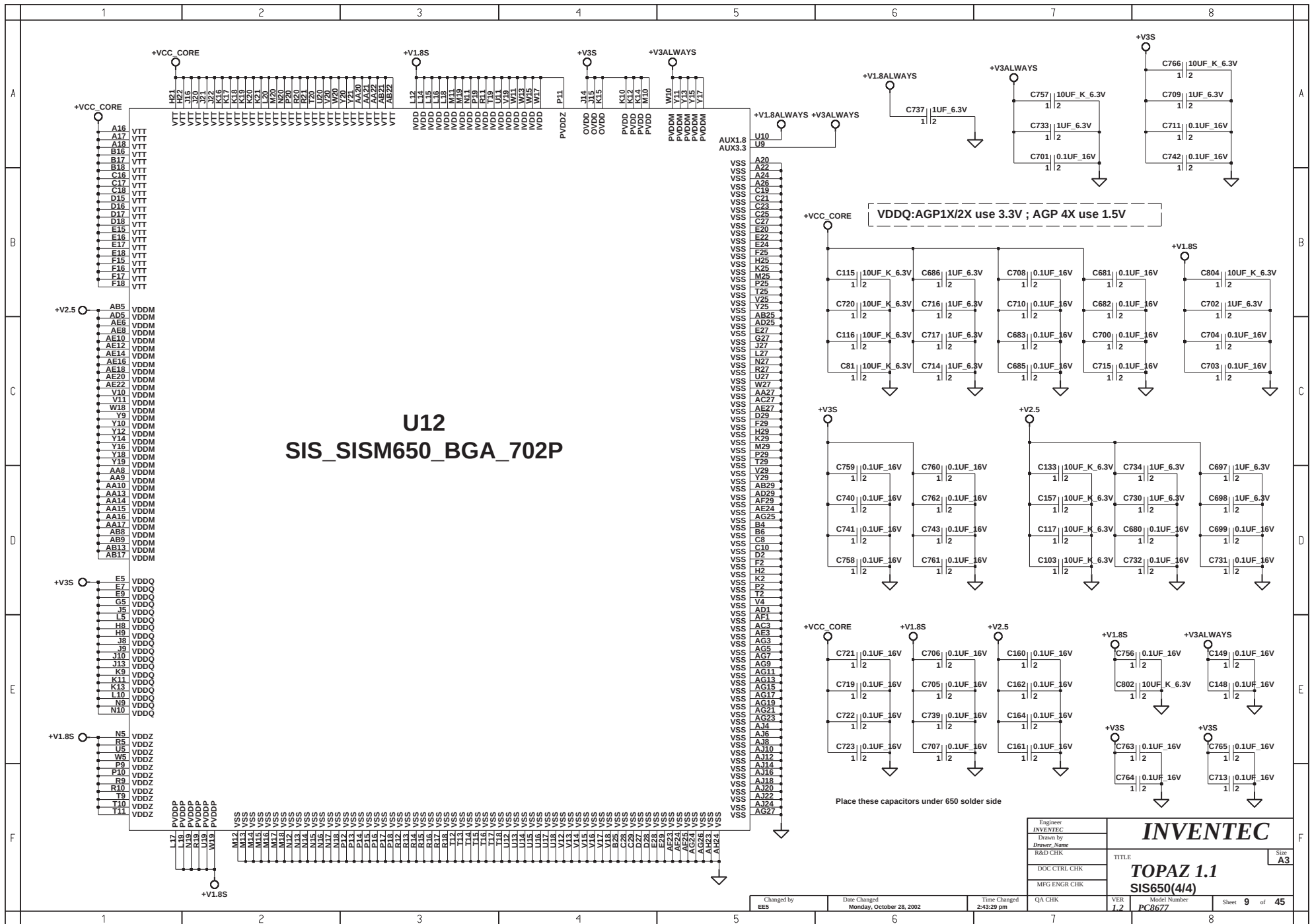


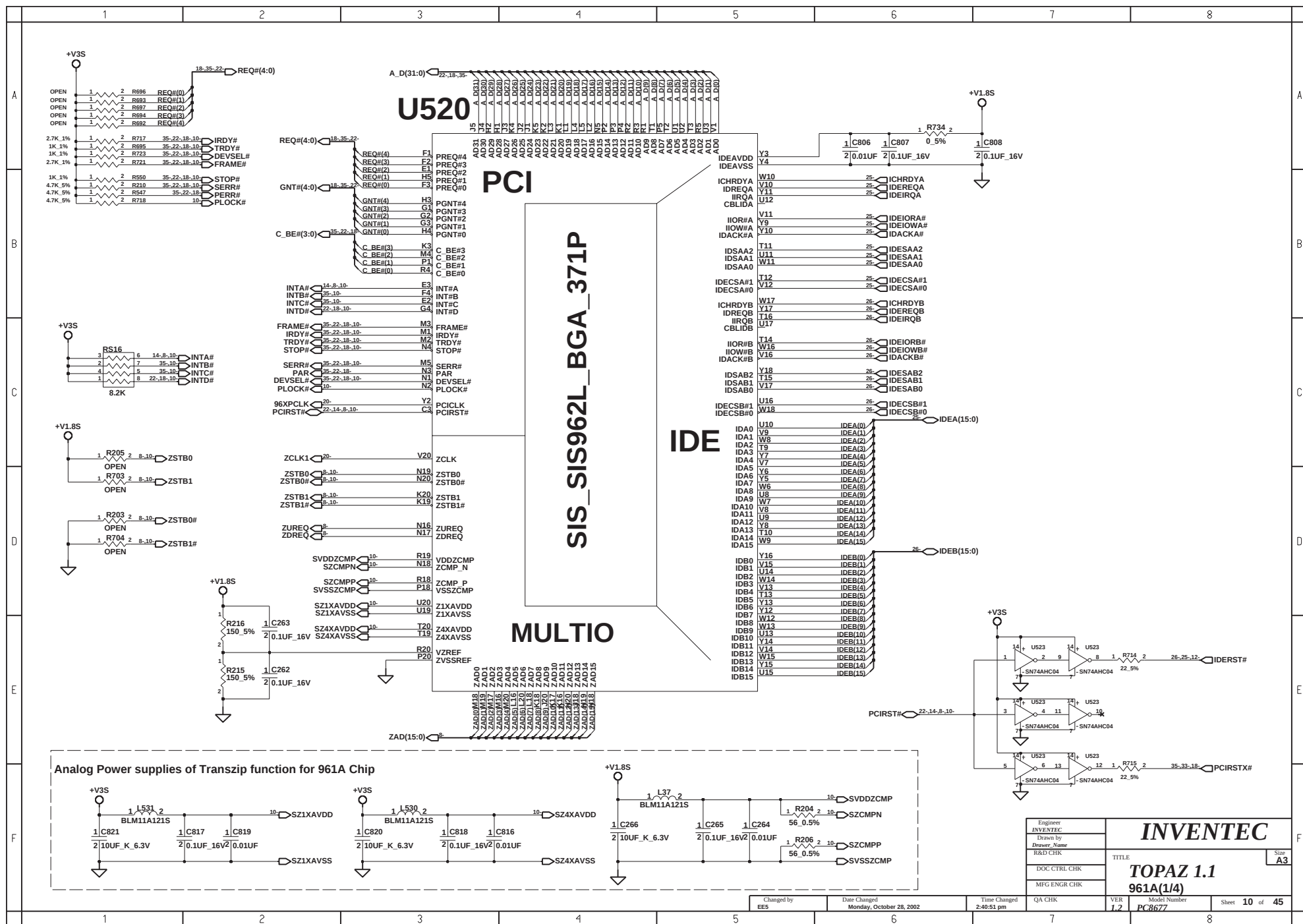


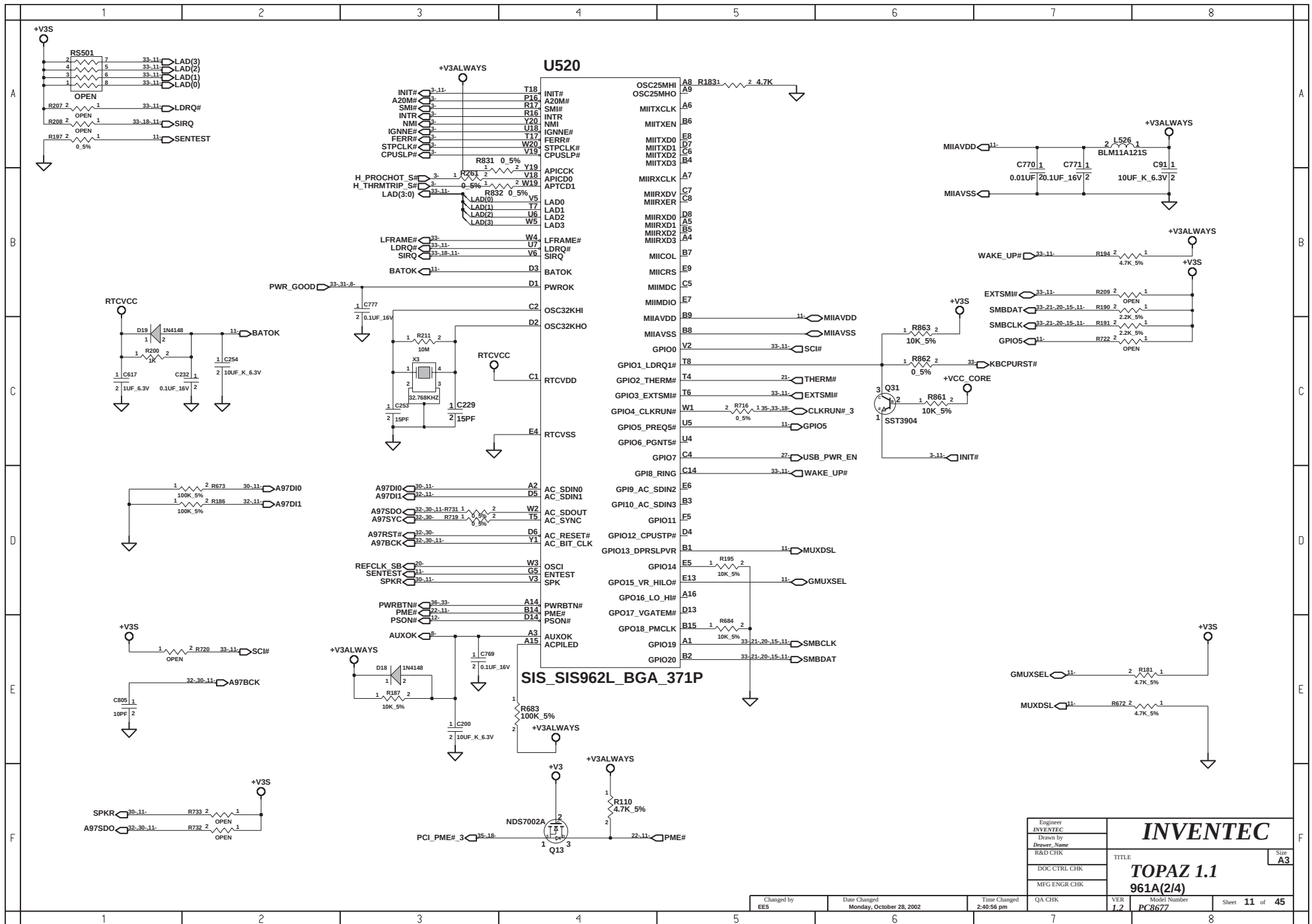






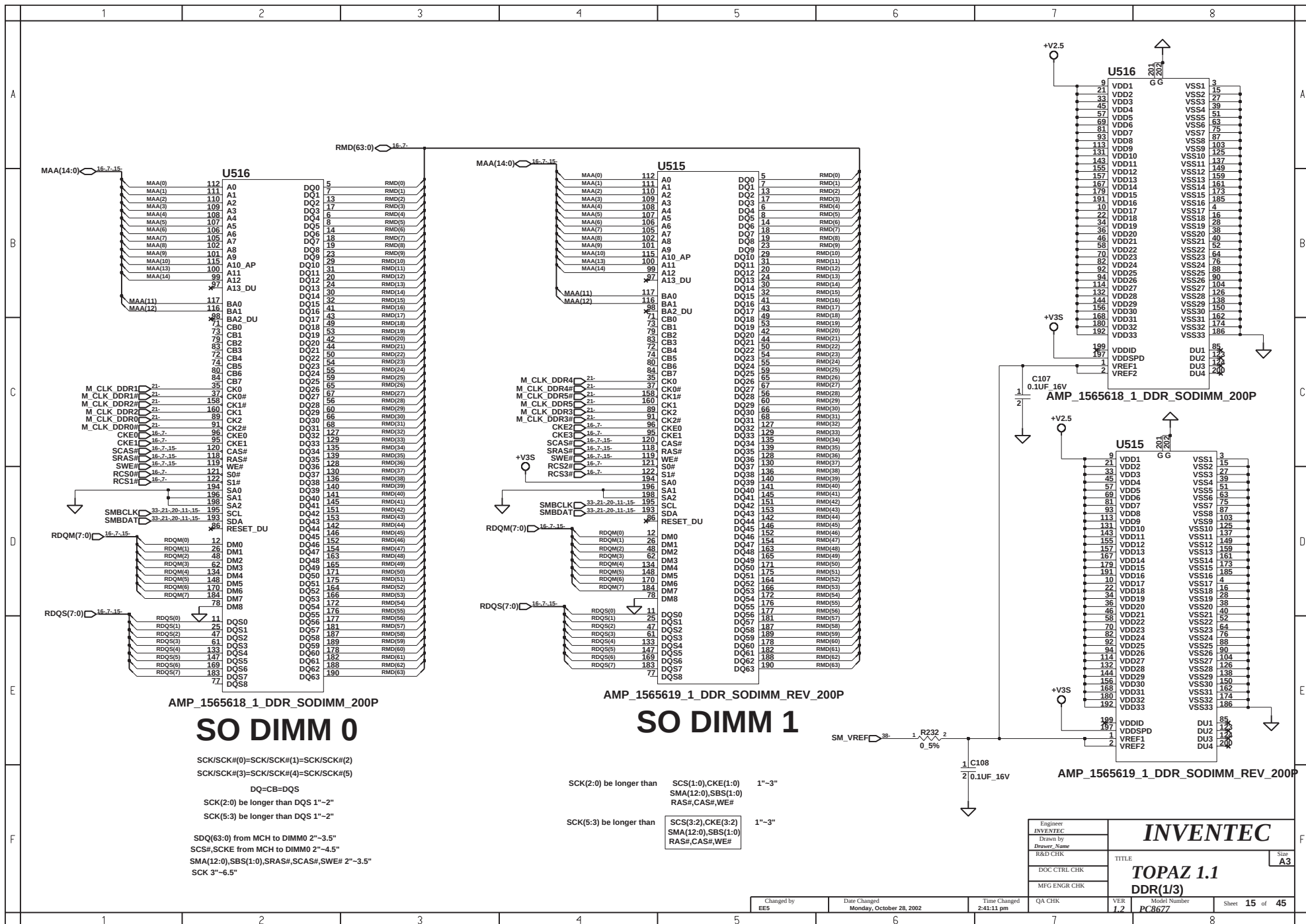


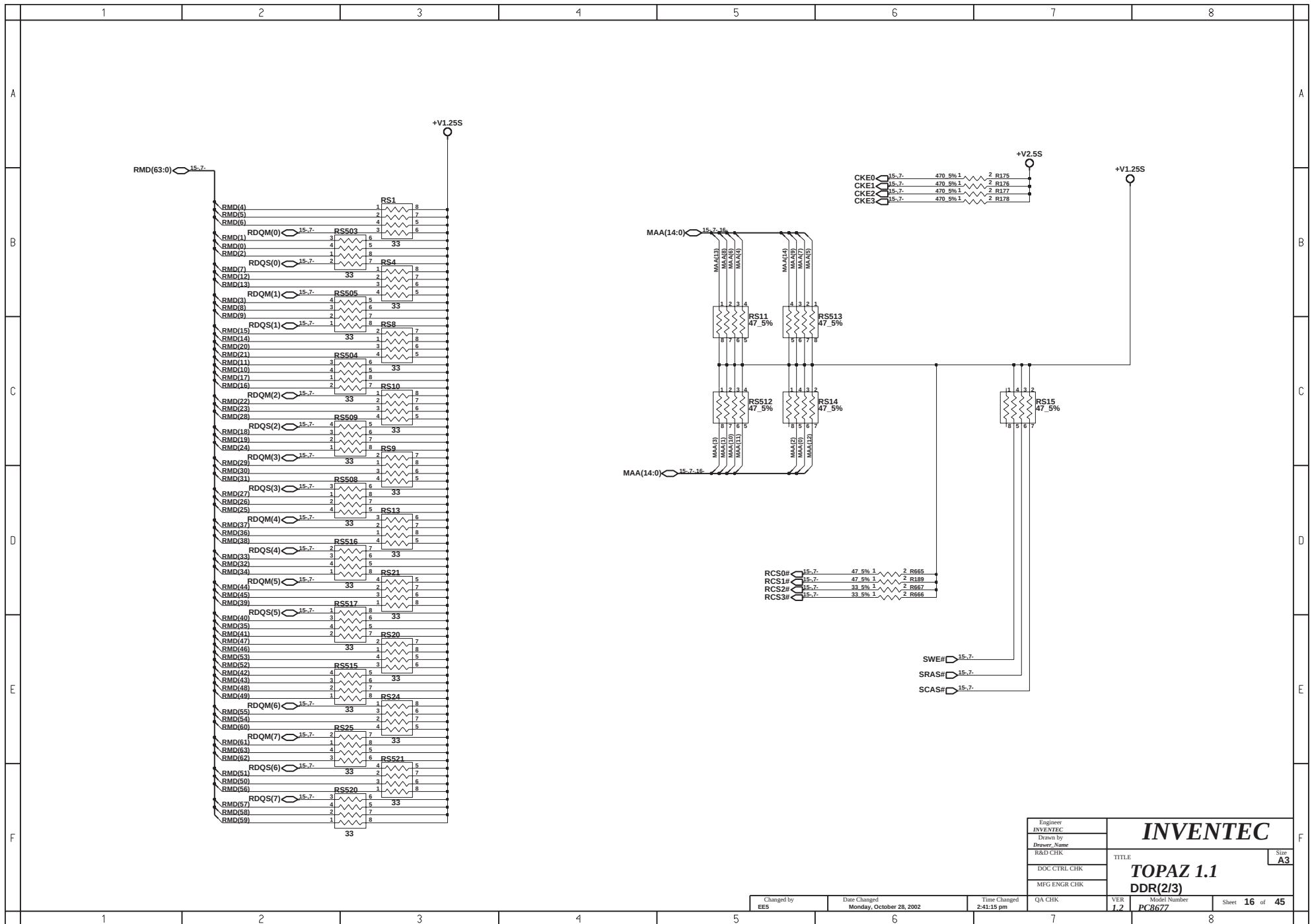


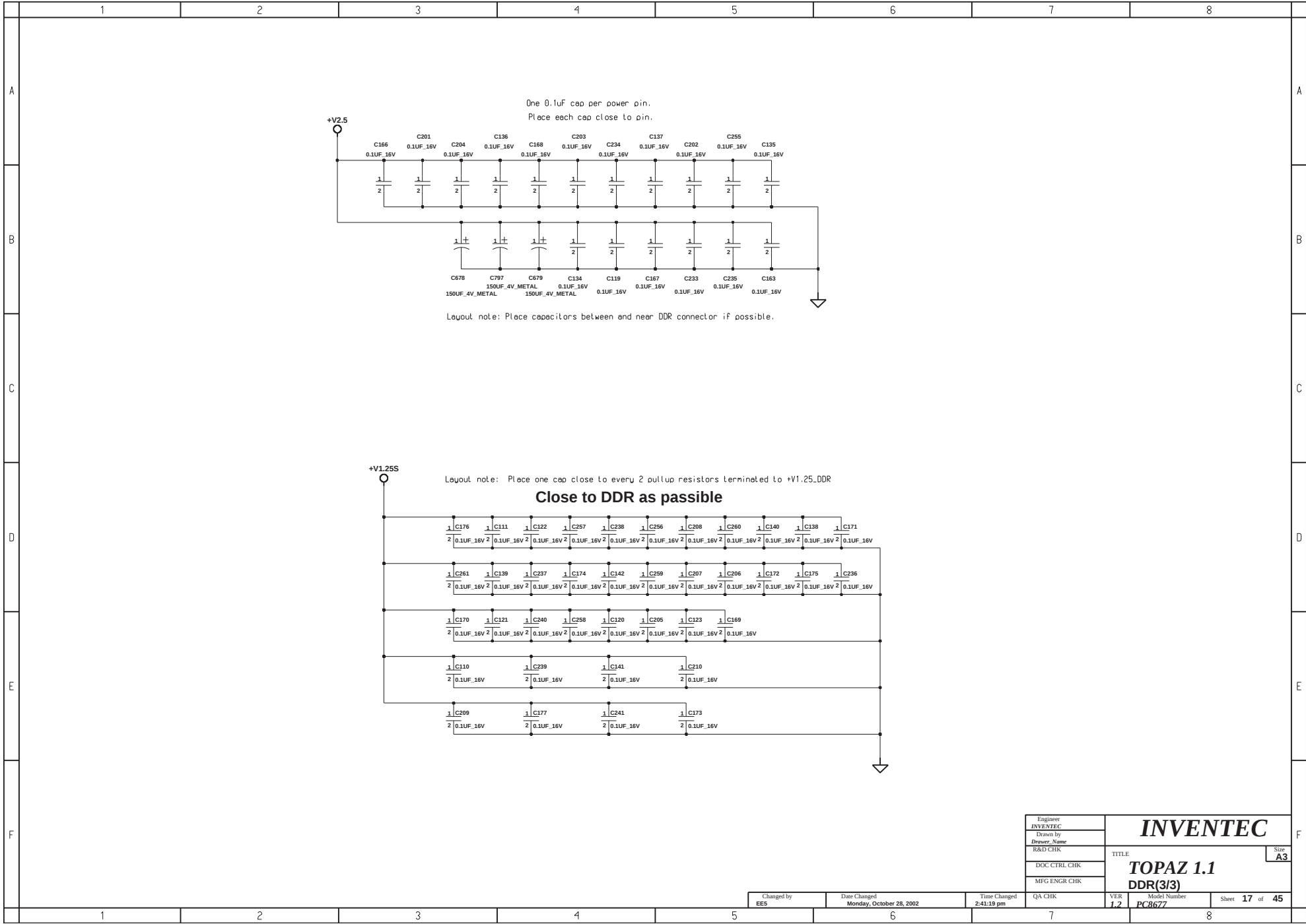


Engineer INVENTEC	INVENTEC TITLE: TOPAZ 1.1 961A(2/4) Model Number: PC8677	Size A3
Drawn by Drafter: Name		
R&D CHK		
DOC CTRL CHK		
MFG ENGR CHK	VER 1.2	Sheet 11 of 45

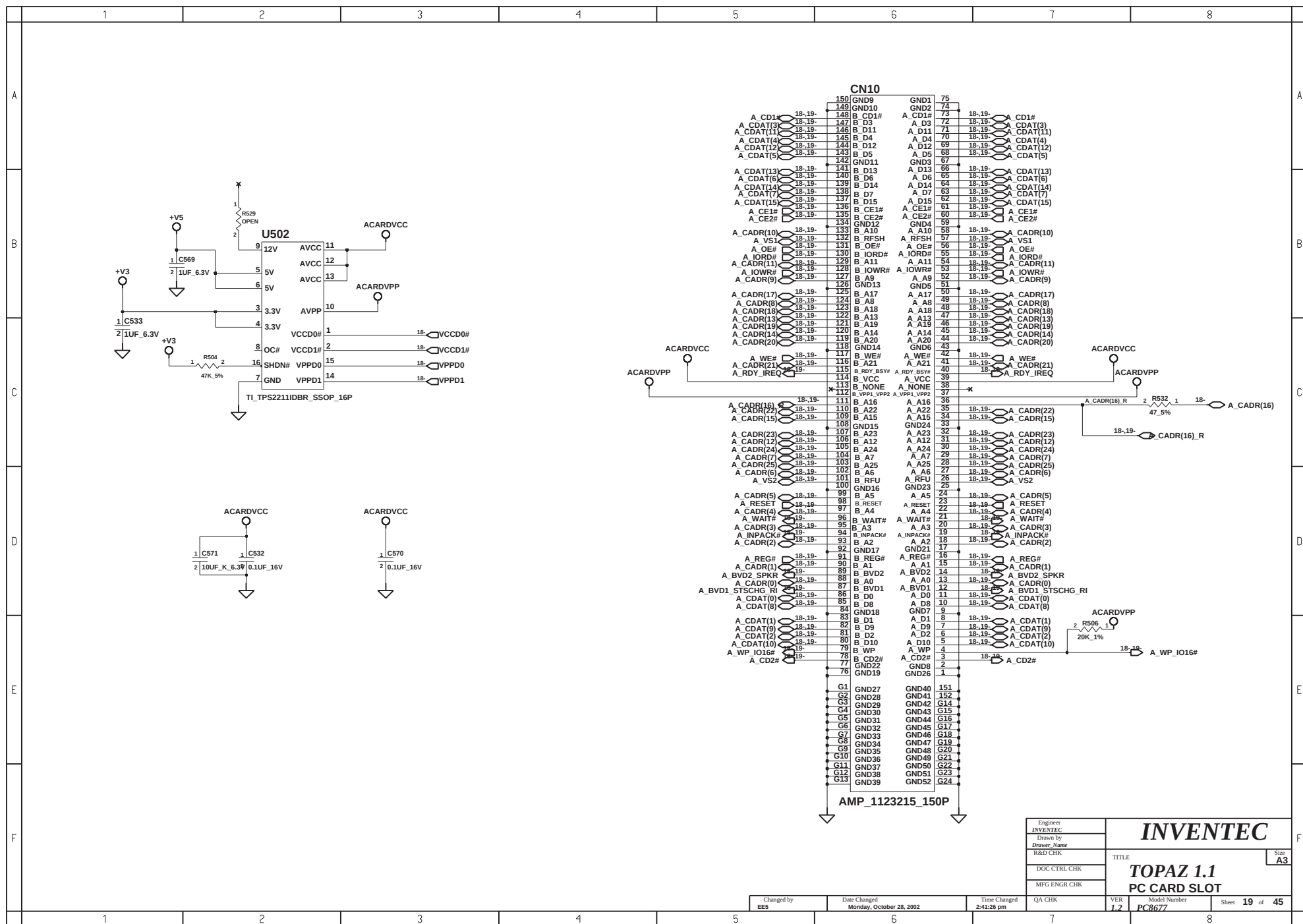
Changed by EES	Date Changed Monday, October 28, 2002	Time Changed 2:40:56 pm
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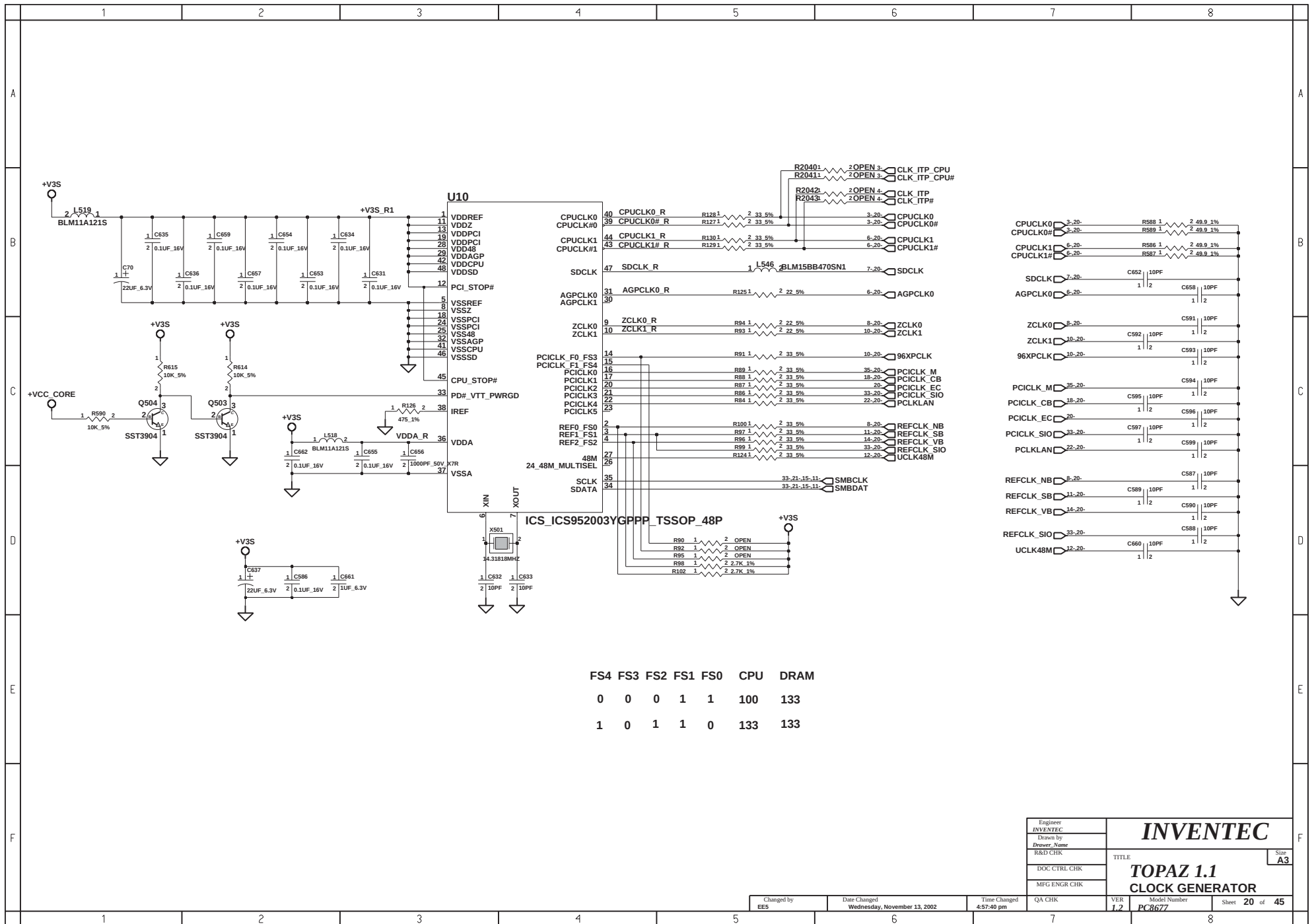




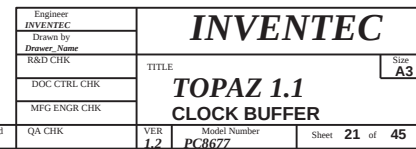


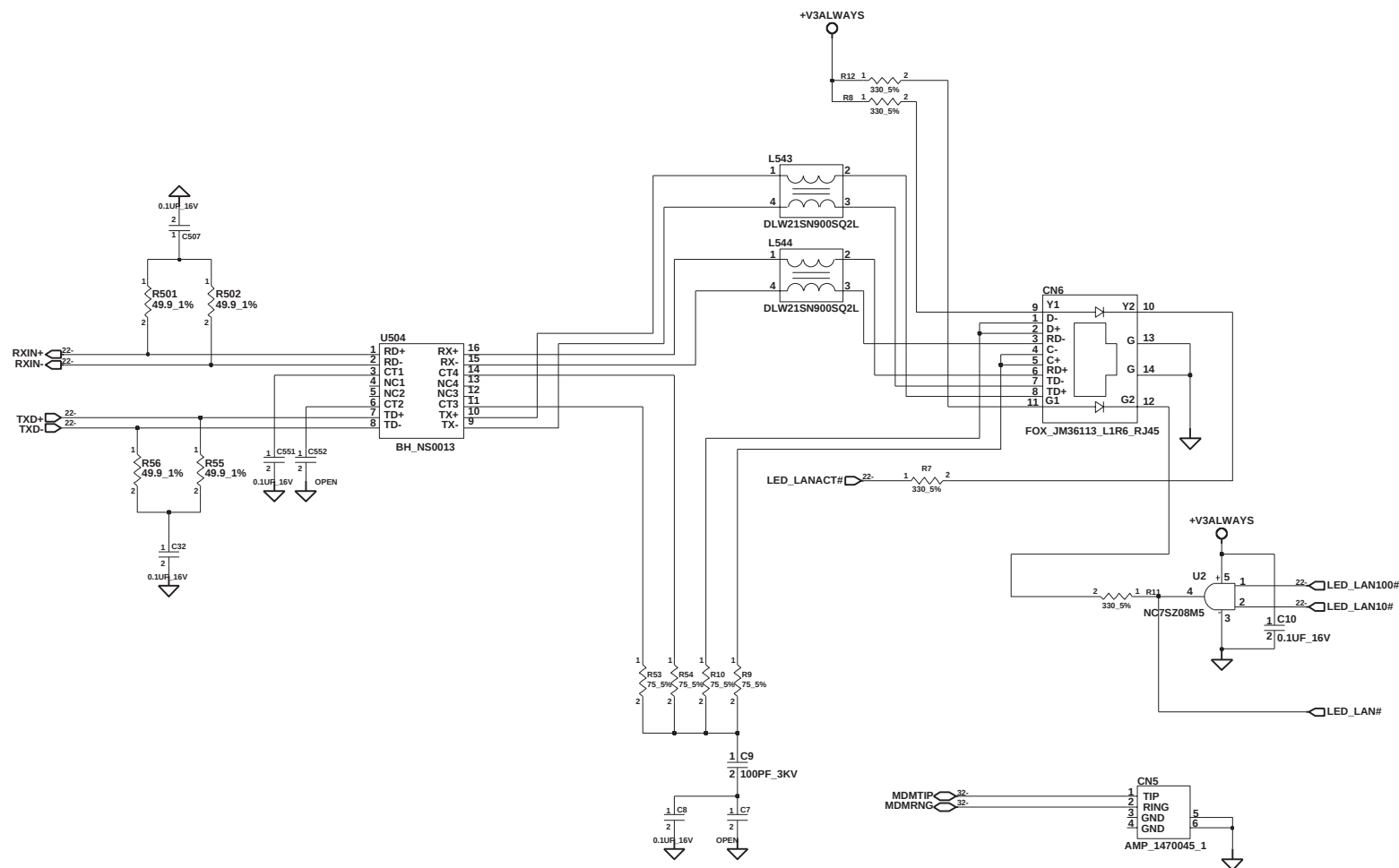
Engineer INVENTEC	INVENTEC		
Drawn by Drewer_Name			
R&D CHK			
DOC CTRL CHK			
MFG ENGR CHK	TITLE: TOPAZ 1.1		
Model Number DDR(3/3)			Size A3
Changed by EES	Date Changed Monday, October 28, 2002	Time Changed 2:41:19 pm	VER 1.2
QA CHK	Model Number PC8677	Sheet 17 of 45	





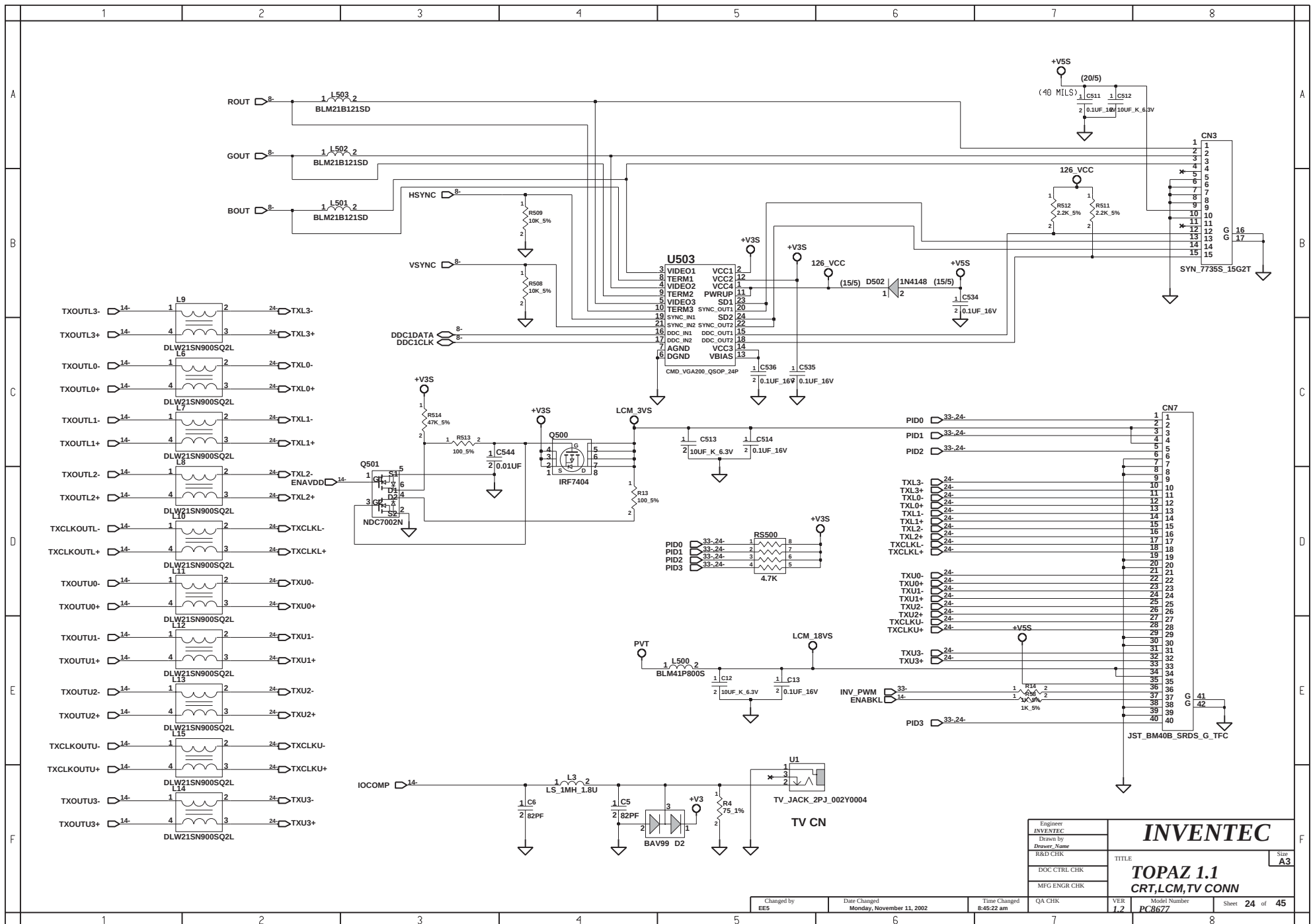
Engineer INVENTEC	INVENTEC TITLE: TOPAZ 1.1 CLOCK GENERATOR	Size: A3
Drawn by Drafter Name		
R&D CHK		
DOC CTRL CHK		
MFG ENGR CHK		

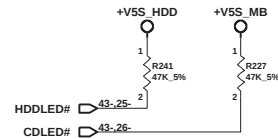
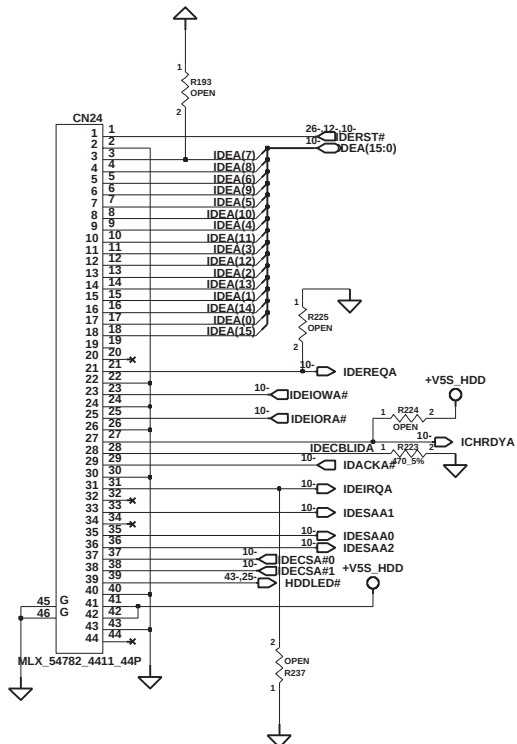
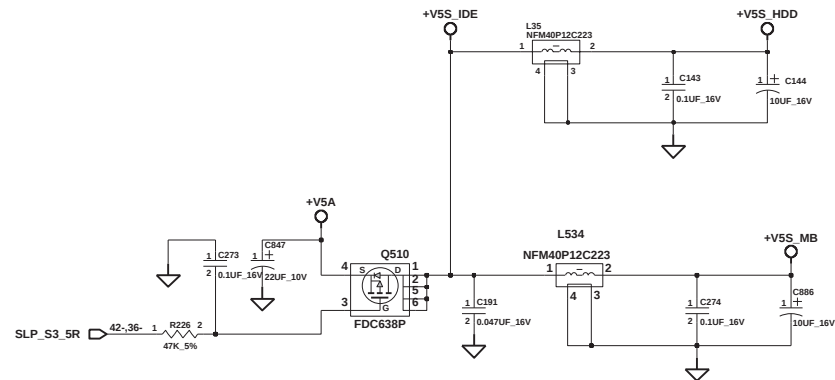




Engineer INVENTEC	INVENTEC		
Drawn by Drawer Name			
R&D CHK			
DOC CTRL CHK			
MFG ENGR CHK	TOPAZ 1.1 RJ11&RJ45 CONN		
VER 1.2			
Model Number PC8677	Sheet 23	of 45	

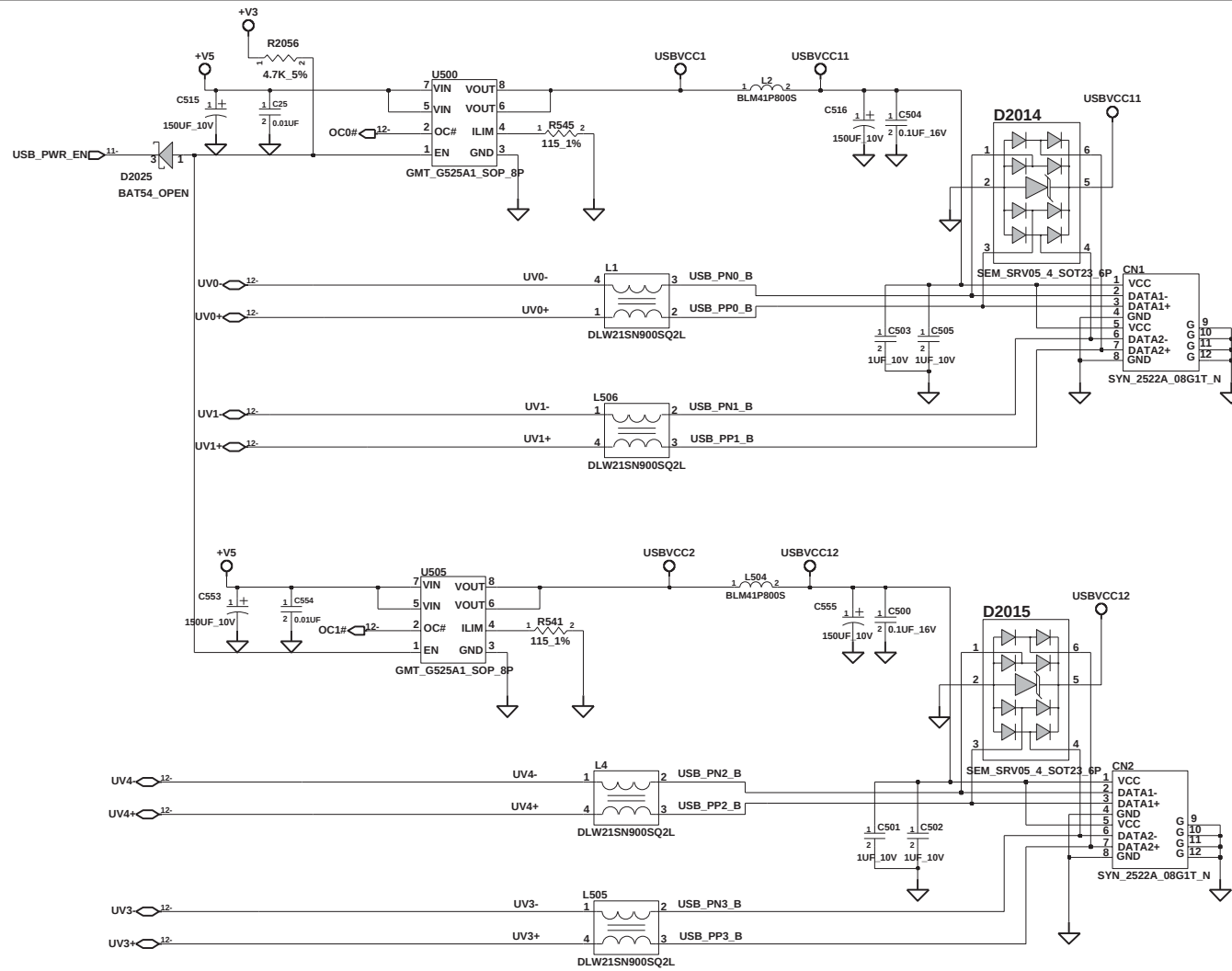
Changed by EES	Date Changed Monday, October 28, 2002	Time Changed 2:41:43 pm	QA CHK
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Engineer INVENTEC	INVENTEC	
Drawn by R&D CHK		
DOC CTRL CHK	TITLE: TOPAZ 1.1	
MFG ENGR CHK		
QA CHK	Model Number PC8677	Size A3
VER 1.2	Sheet 25 of 45	

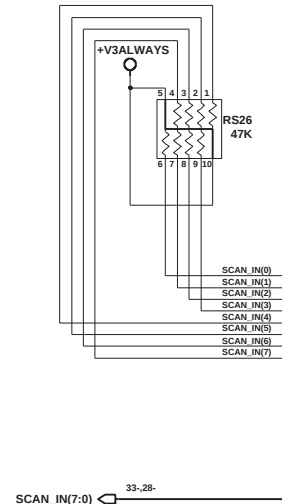
Changed by EES	Date Changed Monday, October 28, 2002	Time Changed 2:41:50 pm
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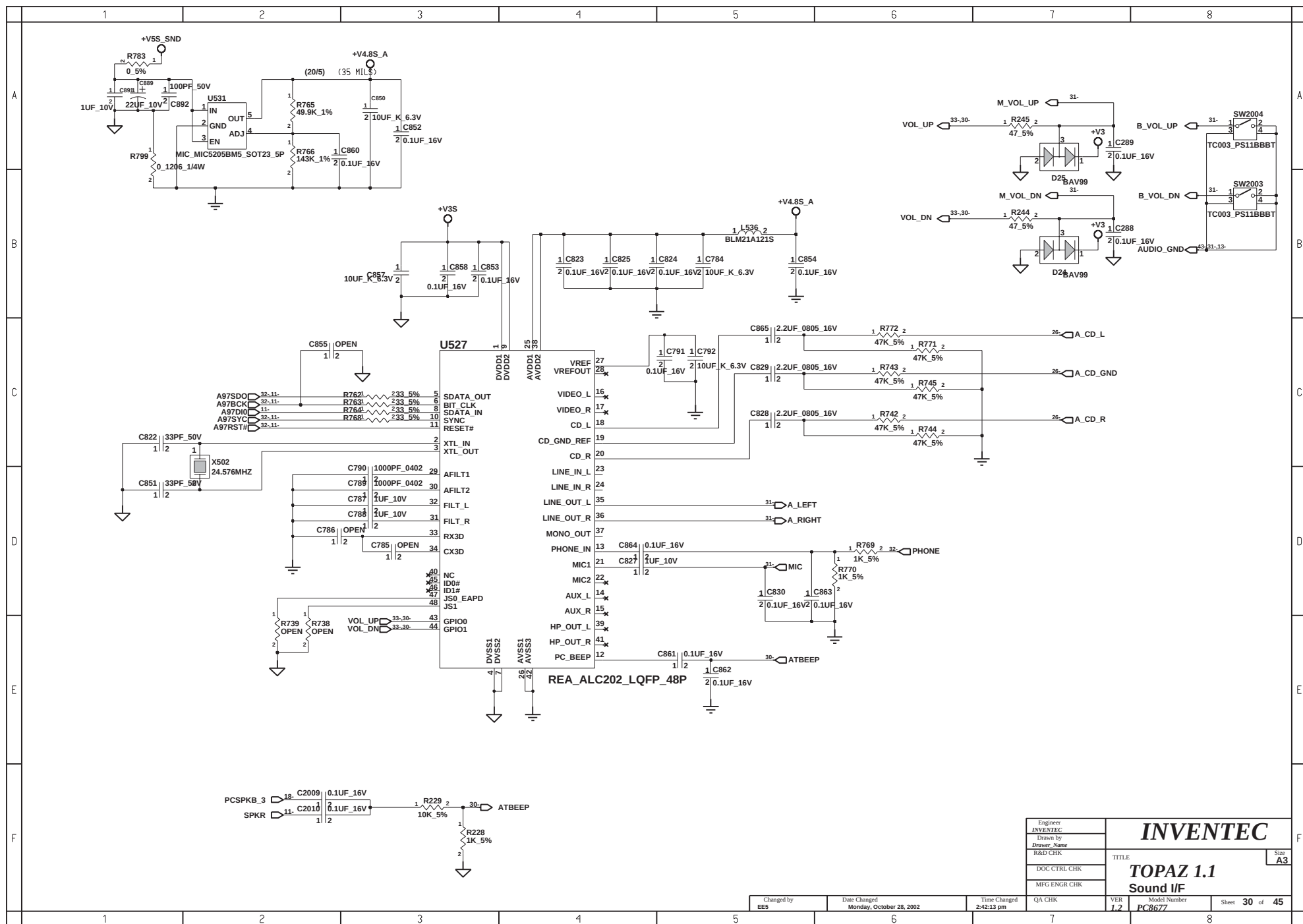


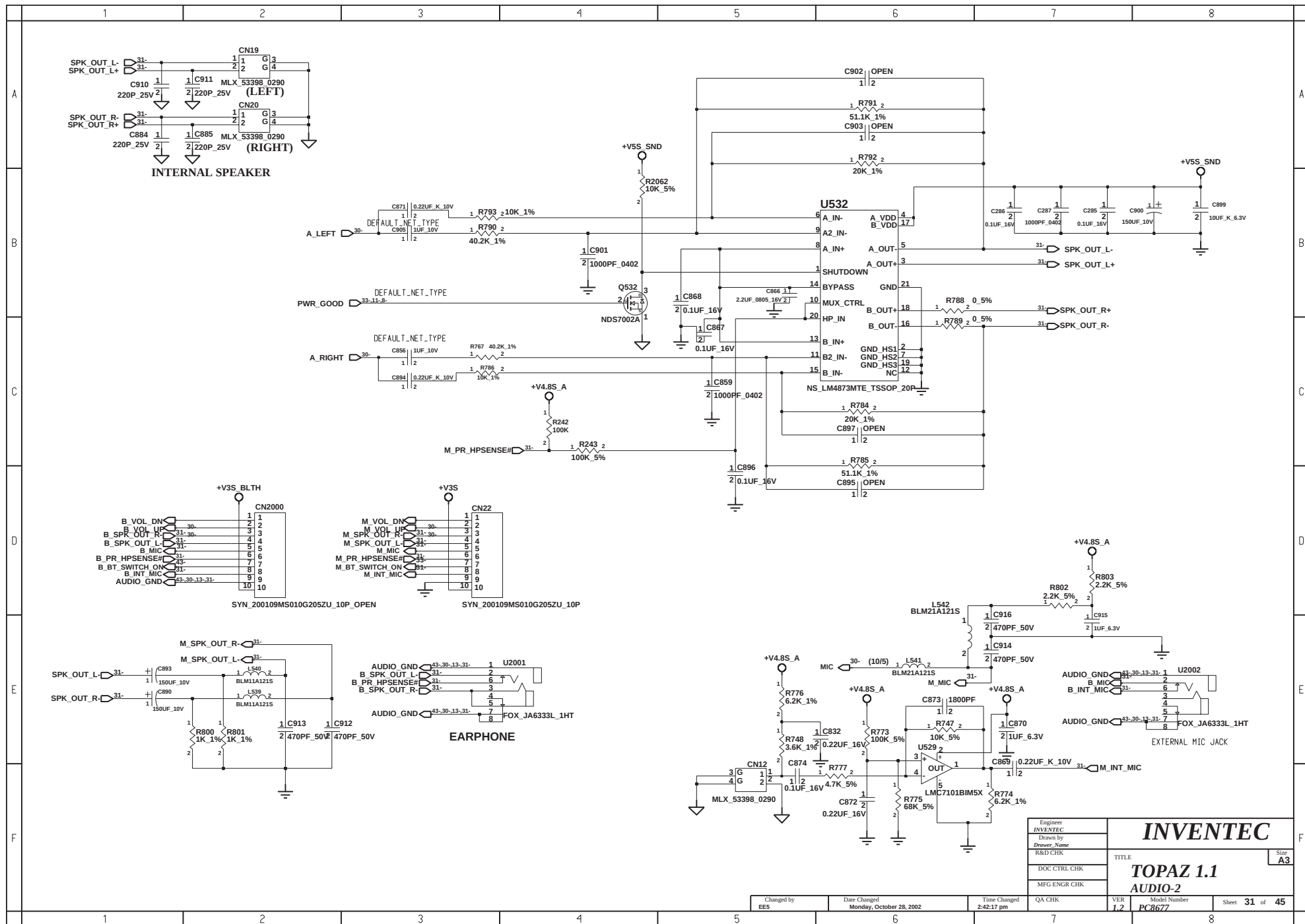
Engineer INVENTEC	INVENTEC TITLE: TOPAZ 1.1 USB I/F	
Drawn by Drawer Name		
R&D CHK		
DOC CTRL CHK		
MFG ENGR CHK		
Model Number PC8677	Sheet 27 of 45	Size A3

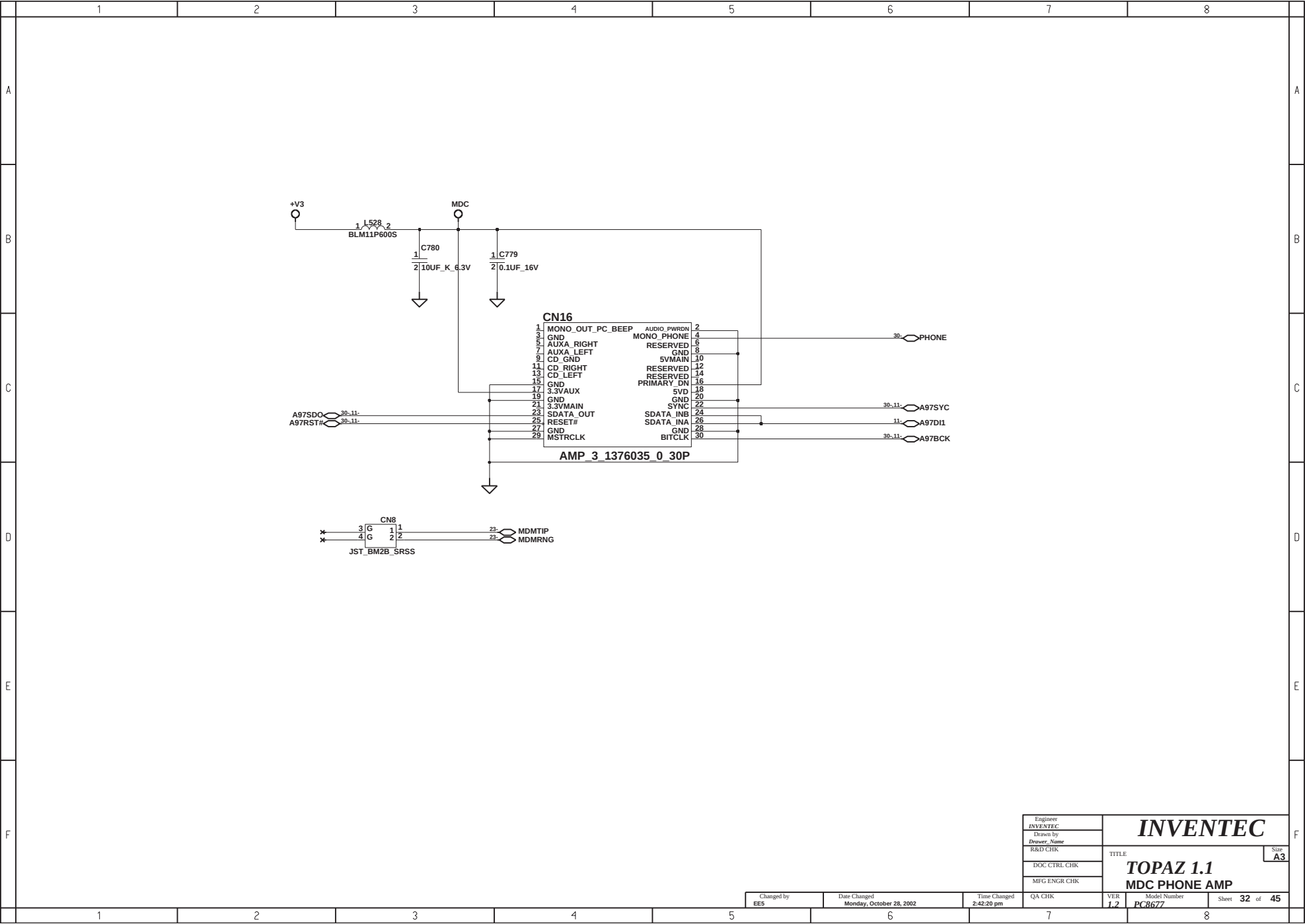
Changed by EES	Date Changed Monday, October 28, 2002	Time Changed 2:41:56 pm	QA CHK
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VER 1.2	Model Number PC8677
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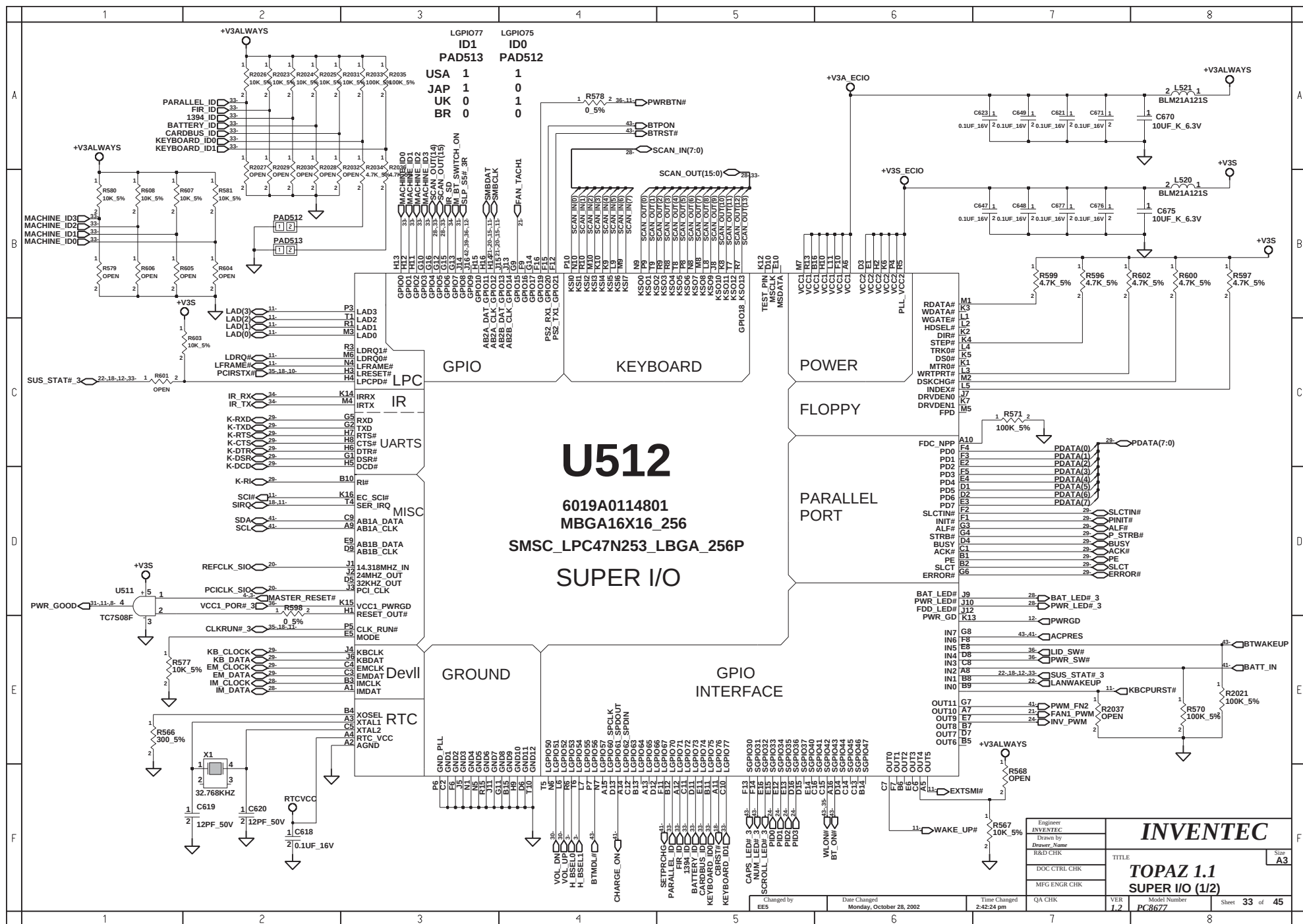


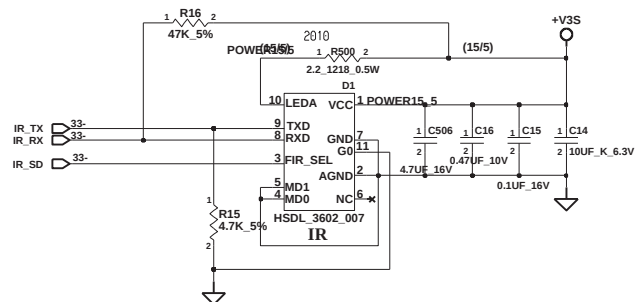
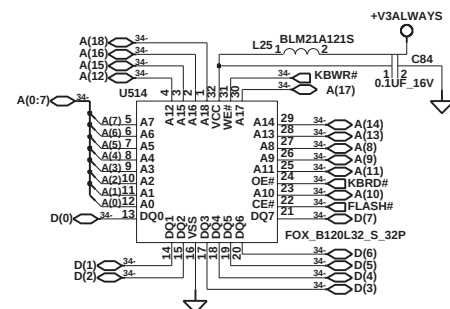
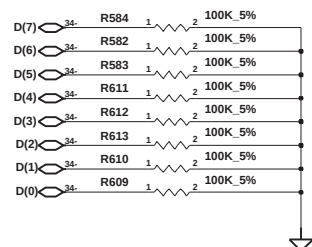




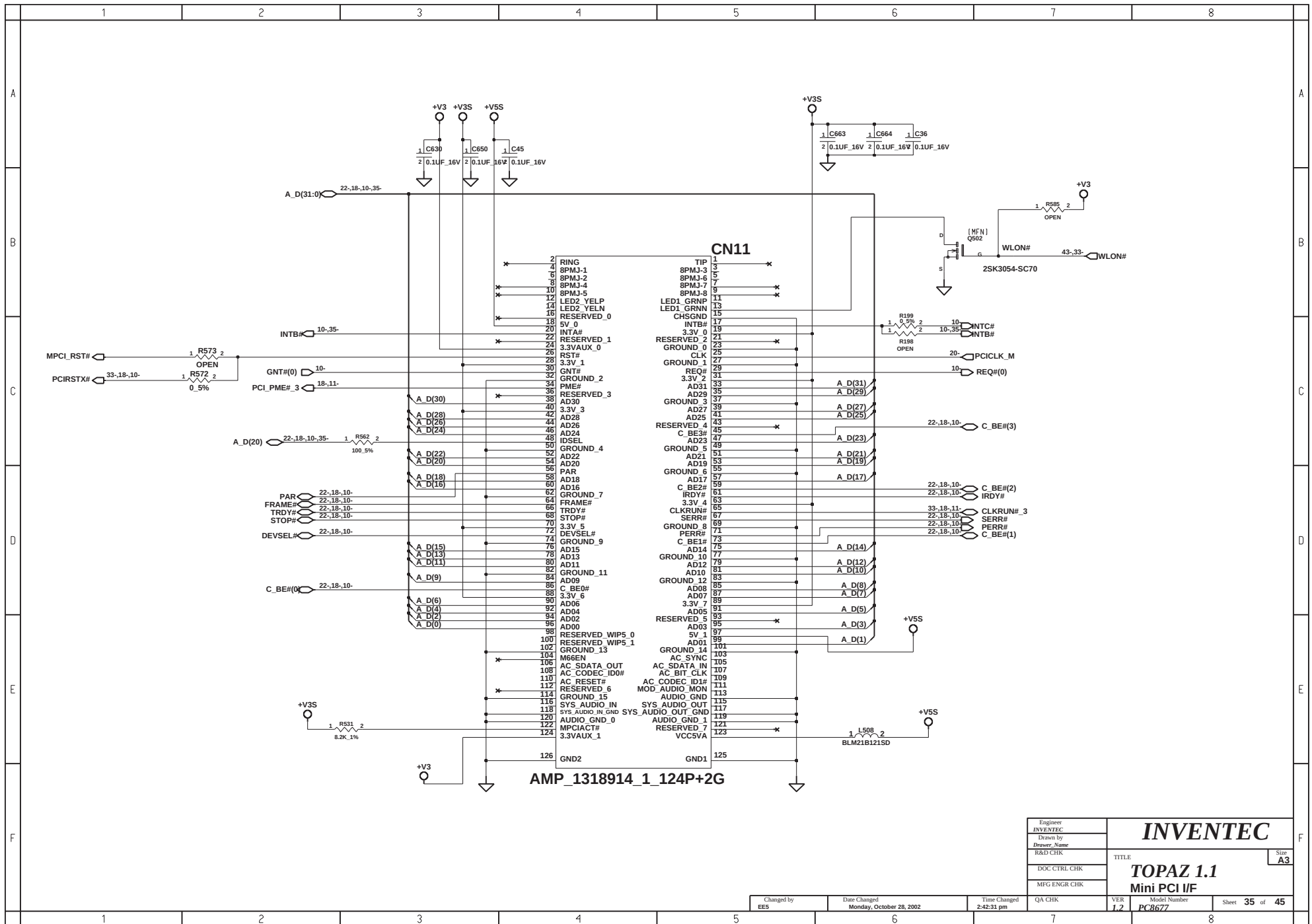


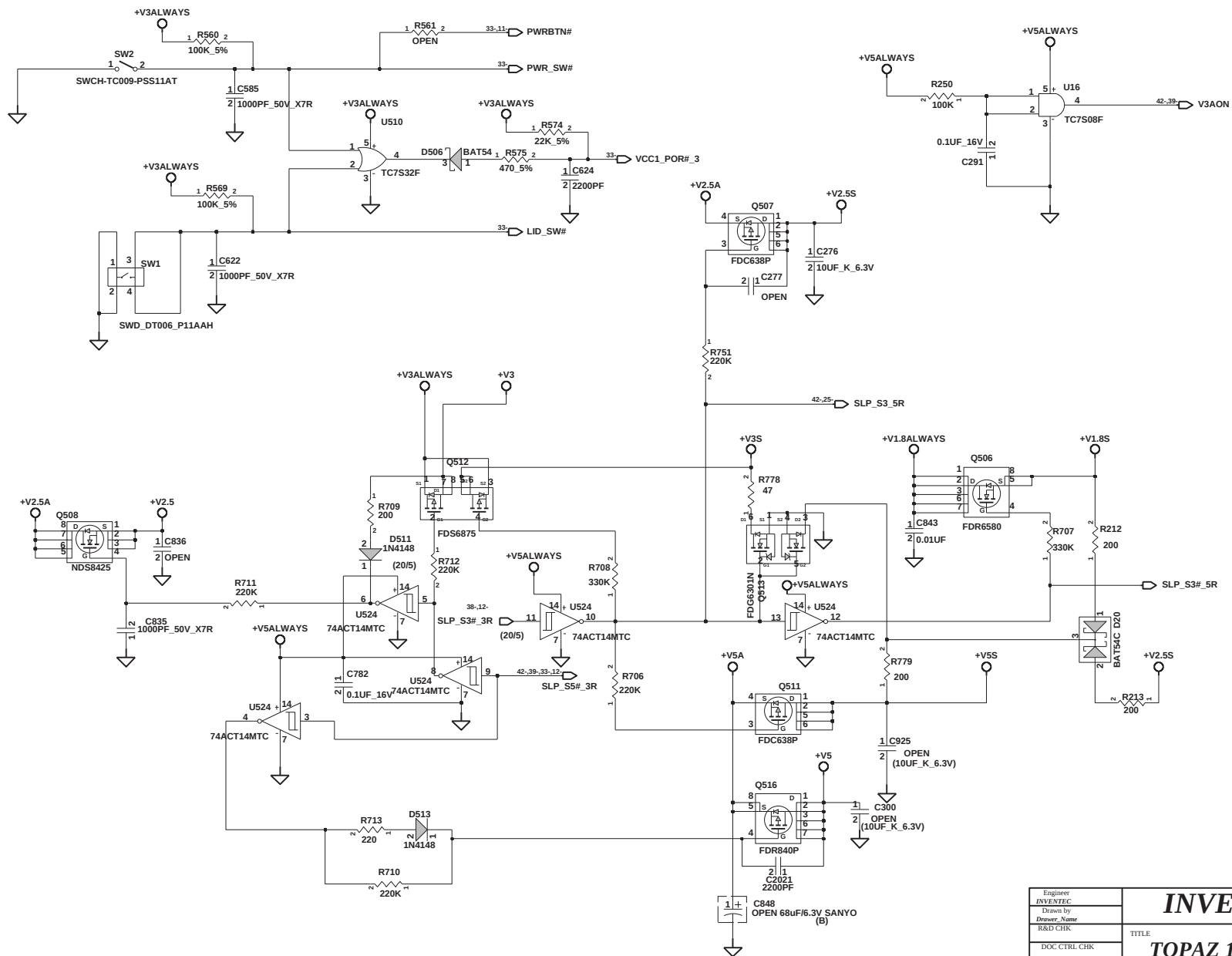
Engineer INVENTEC	INVENTEC TITLE: TOPAZ 1.1 Model Number PC8677 Sheet 32 of 45		
Drawn by Drawn: Name			
R&D CHK			
DOC CTRL CHK			
MFG ENGR CHK	VER 1.2	QA CHK	Size A3





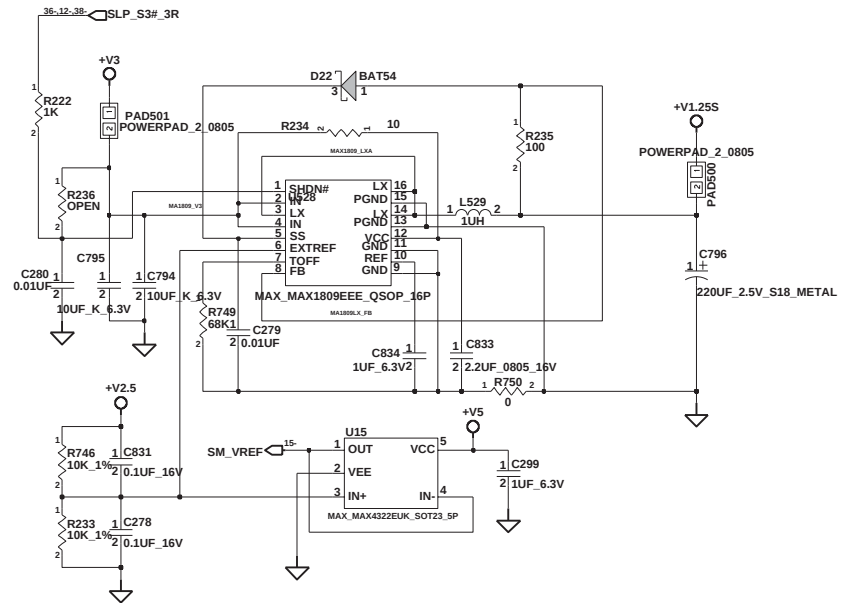
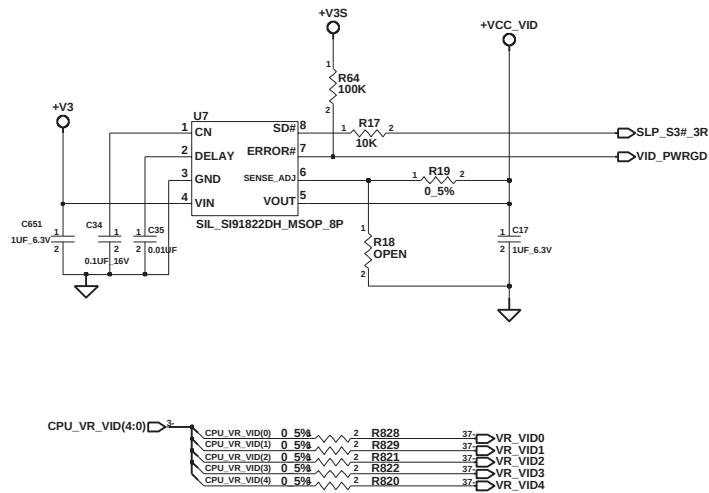
Engineer INVENTEC	INVENTEC		Size A3
Drawn by Drawer_Name			
R&D CHK			
DOC CTRL CHK			
MFG ENGR CHK	TITLE	TOPAZ 1.1 SUPER I/O (2/2)	
QA CHK	VER 1.2 PC Model Number 8627	Sheet	34 of 45



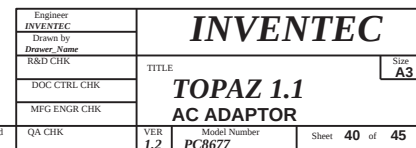


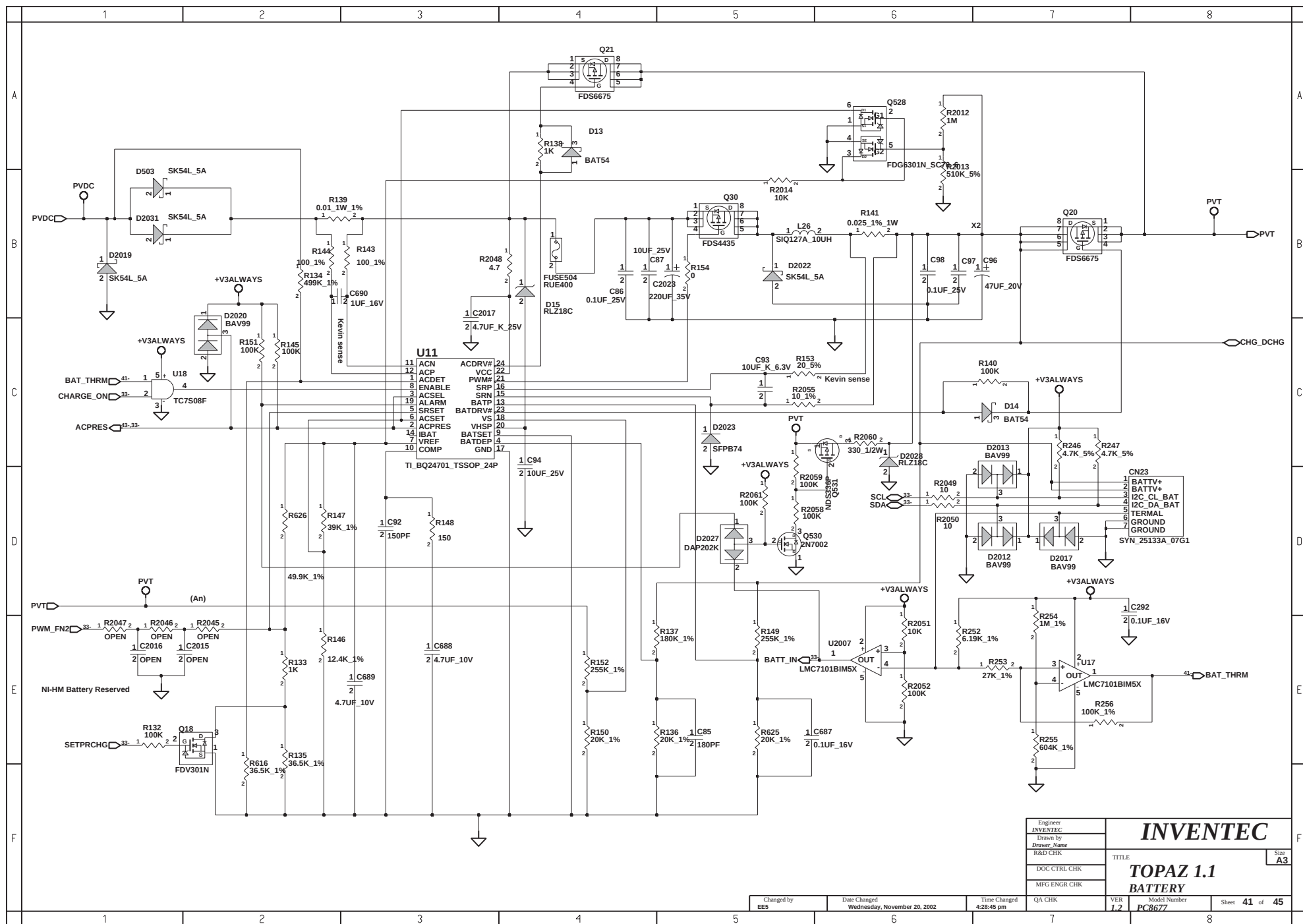
Engineer INVENTEC	INVENTEC	
Drawn by Drafter Name		
QA CHK	TITLE: TOPAZ 1.1	
DOC CTRL CHK	SYSTEM POWER	
MFG ENGR CHK	Model Number PC8677	
Changed by EES	Date Changed Monday, November 11, 2002	Time Changed 8:59:12 am
VER 1.2	Sheet 36	of 45

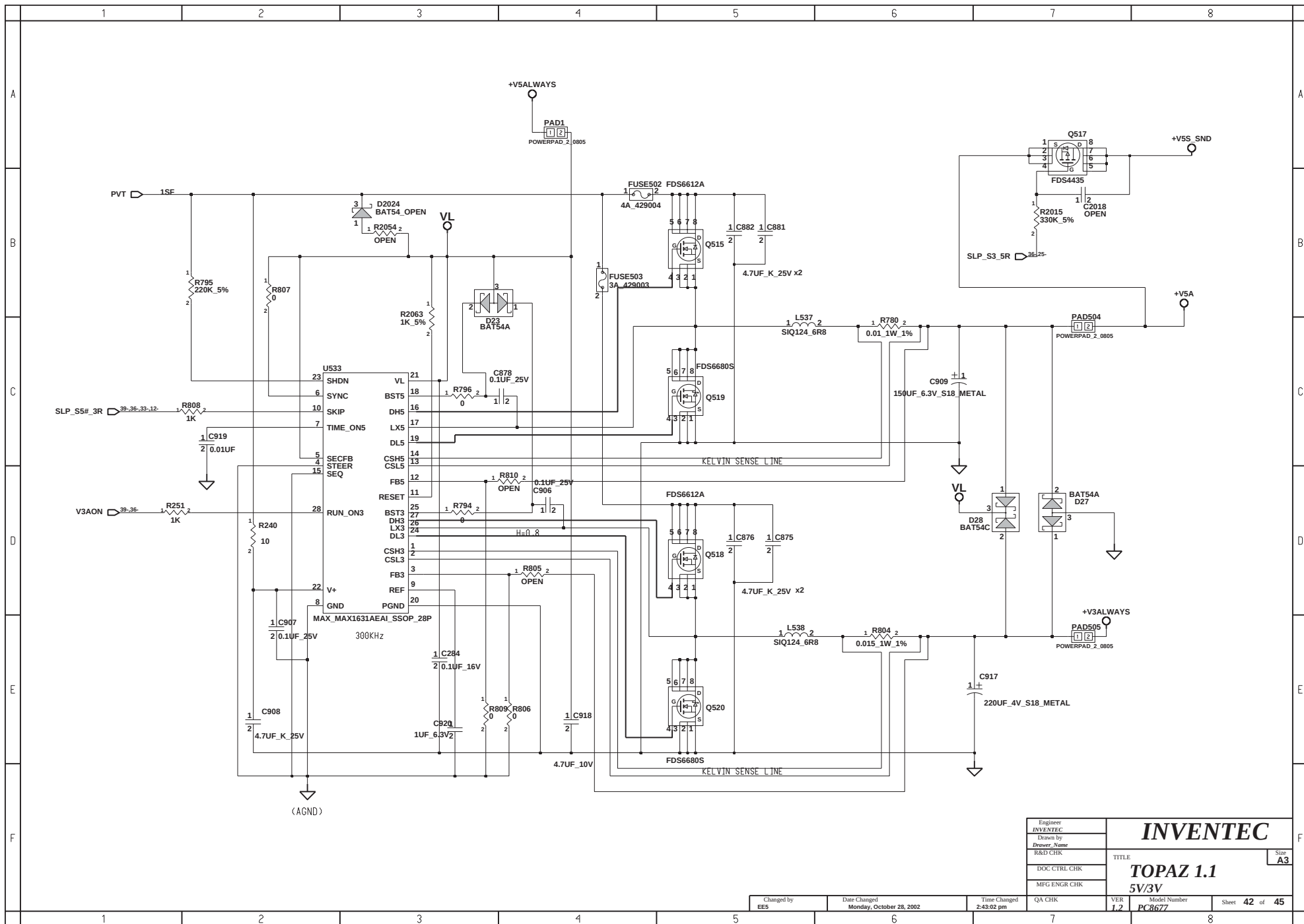
Size
A3

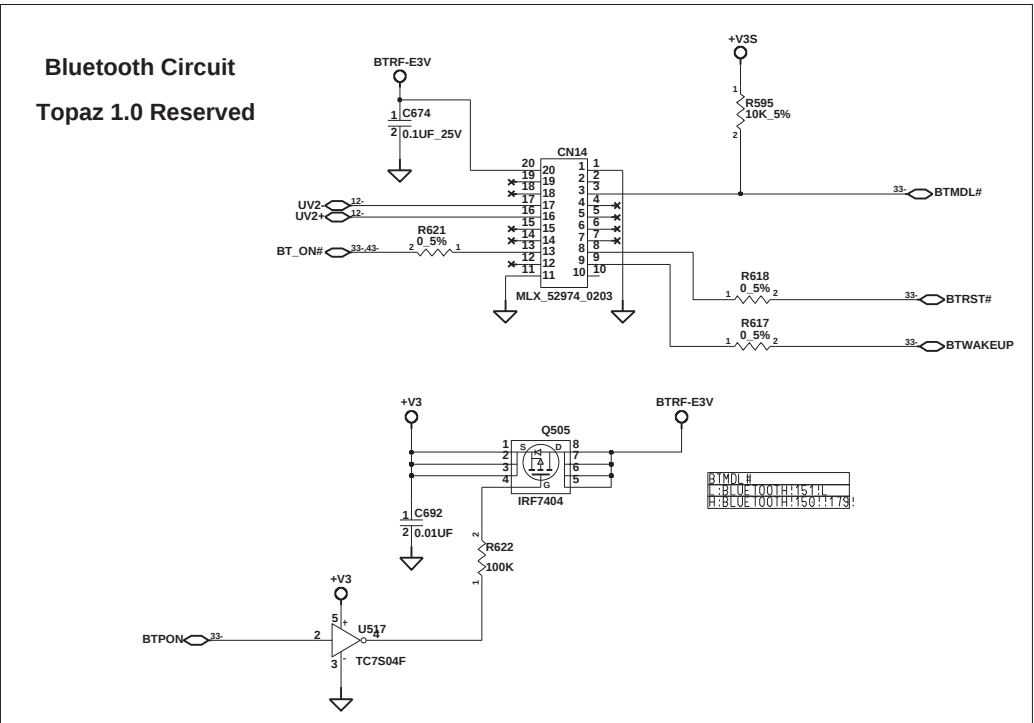
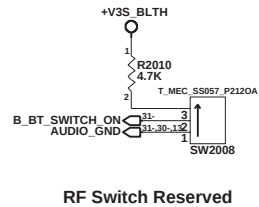
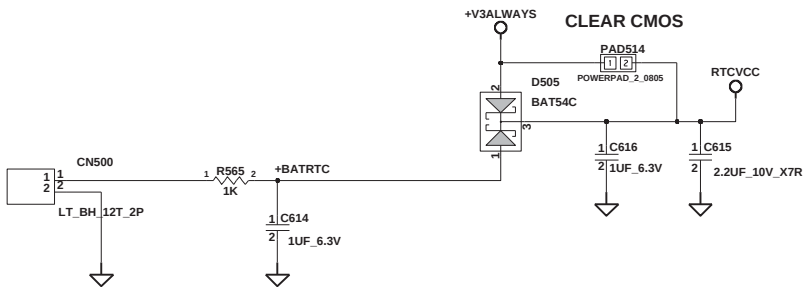
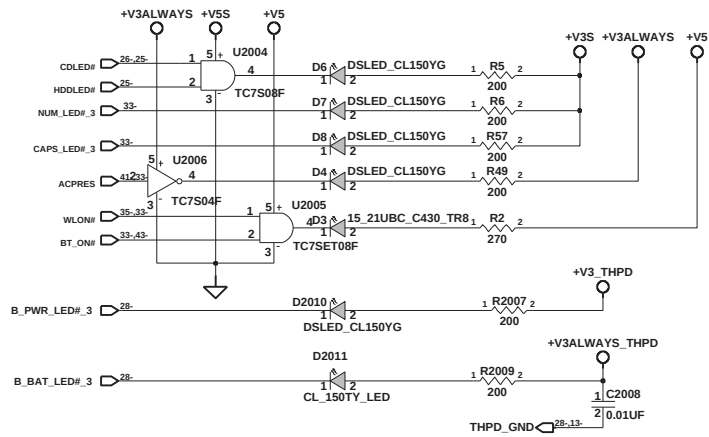


Engineer INVENTEC	INVENTEC	
Drawn by Drawer Name		
R&D CHK	TITLE	Size A3
DOC CTRL CHK	TOPAZ 1.1	
MFG ENGR CHK		
Changed by EES	Date Changed Monday, October 28, 2002	Time Changed 2:42:44 pm
QA CHK	VER 1.2	Model Number PC8677
Sheet 38 of 45		









Engineer INVENTEC	INVENTEC TITLE: TOPAZ 1.1 LED/BLUETOOTH Model Number: PC8672		
Drawn by R&D CHK			
DOC CTRL CHK			
MFG ENGR CHK			
QA CHK	VER 1.2	Sheet 43 of 45	Size A3

Changed by EES	Date Changed Thursday, October 31, 2002	Time Changed 2:02:34 pm
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NOT-USED FUNCTION

<http://hobi-elektronika.net>

OPTIONAL FUNCTION

SERIAL

REMOVE
CN502
C691
C693
C694
C695
C724
C725
C726
C727
C728
C729
C749
C750
C751
R164
R627
R633
R634
R635
R636
R637
R638
R647
R646
U518

INT MIC

REMOVE
CN12
C832
C869
C870
C872
C873
C874
R747
R748
R773
R774
R775
R776
R777
U529

BLTH

REMOVE
C674
C692
CN14
Q505
R595
R617
R618
R621
R622
R2010
SW2008
U517

PS2

REMOVE
CN501
C668
C669
C672
C673
R593
R594
R619
R620

IEEE 1394

NOT-USED	USED
REMOVE	
U19	RS27
U20	RS28
CN25	R856
CN2003	R857
CN2005	R858
L40	R859
X4	R265
C301	R2030
C302*	R835*
C934	C302*
C927	
C928	
R834	
R835*	
R836	
R837	
R838	
R2057	
R854	
R855	
R845	
R846	
R847	
R848	
R849	
R850	
R851	
R852	
R853	
R839	
R264	
R840	
R841	
R842	
R263	
R844	
C930	
C929	
C926	
C931	
C932	
C933	
C935	
R2024	

CARDBUS

NOT-USED	USED
REMOVE	
U502	R2032
U508	R2019*
CN10	C525*
R548	R525*
R2019*	R529*
R2020	
RS524	
C526	
C625	
C626	
C566	
C567	
C568	
C524	
C525*	
C527	
C529	
C530	
C571	
C532	
C570	
R504	
C533	
C569	
R532	
R506	
R2031	
R525*	
R529*	

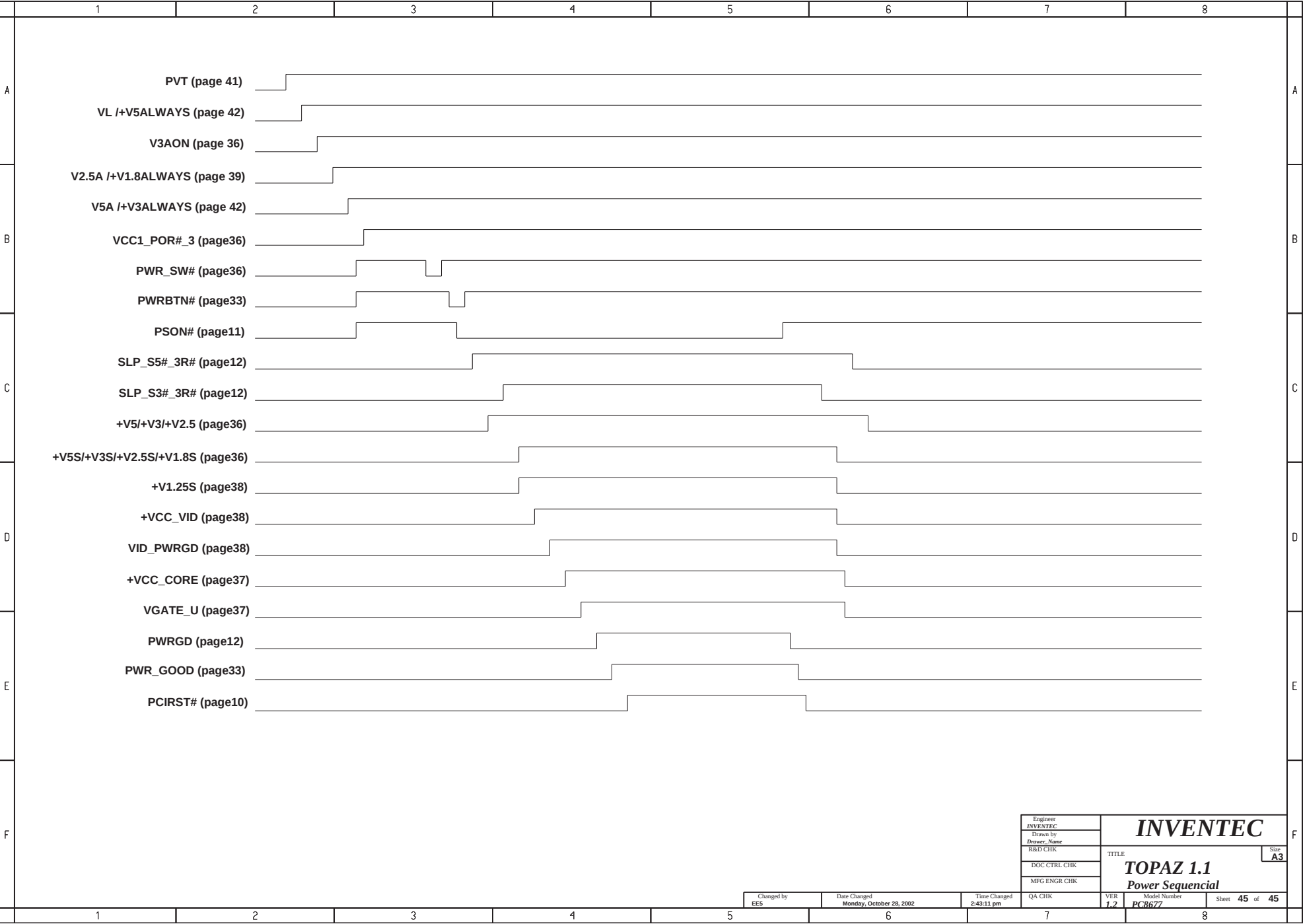
FIR

NOT-USED	USED
REMOVE	
D1	R2029
R500	
R15	
C14	
C15	
C16	
C506	
R2023	

MINIPCI

NOT-USED	USED
REMOVE	
Q502	R198*
R198*	R573*
R199	R585*
R562	
R572	
R573*	
R531	
R585*	
R2	
D3	
L508	
C36	
C45	
C630	
C650	
C663	
C664	
CN11	
U2005	

Engineer INVENTEC	INVENTEC TITLE: TOPAZ1.1 OPTIONAL PARTS LIST
Drawn by R&D CHK	
DOC CTRL CHK	
MFG ENGR CHK	



Engineer INVENTEC	INVENTEC TITLE: TOPAZ 1.1 Power Sequential Model Number: PC8677 Sheet 45 of 45		
Drawn by Drawn: Name			
R&D CHK			
DOC CTRL CHK			
MFG ENGR CHK			
Changed by EES	Date Changed Monday, October 28, 2002	Time Changed 2:43:11 pm	QA CHK
VER 1.2			