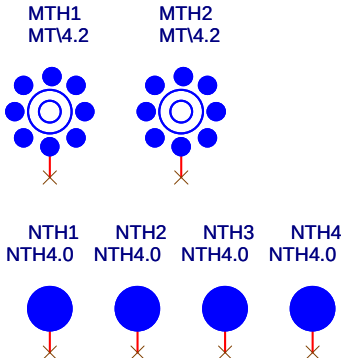
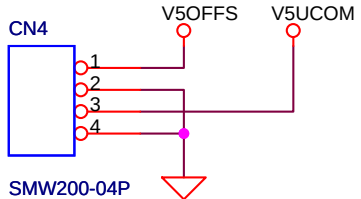
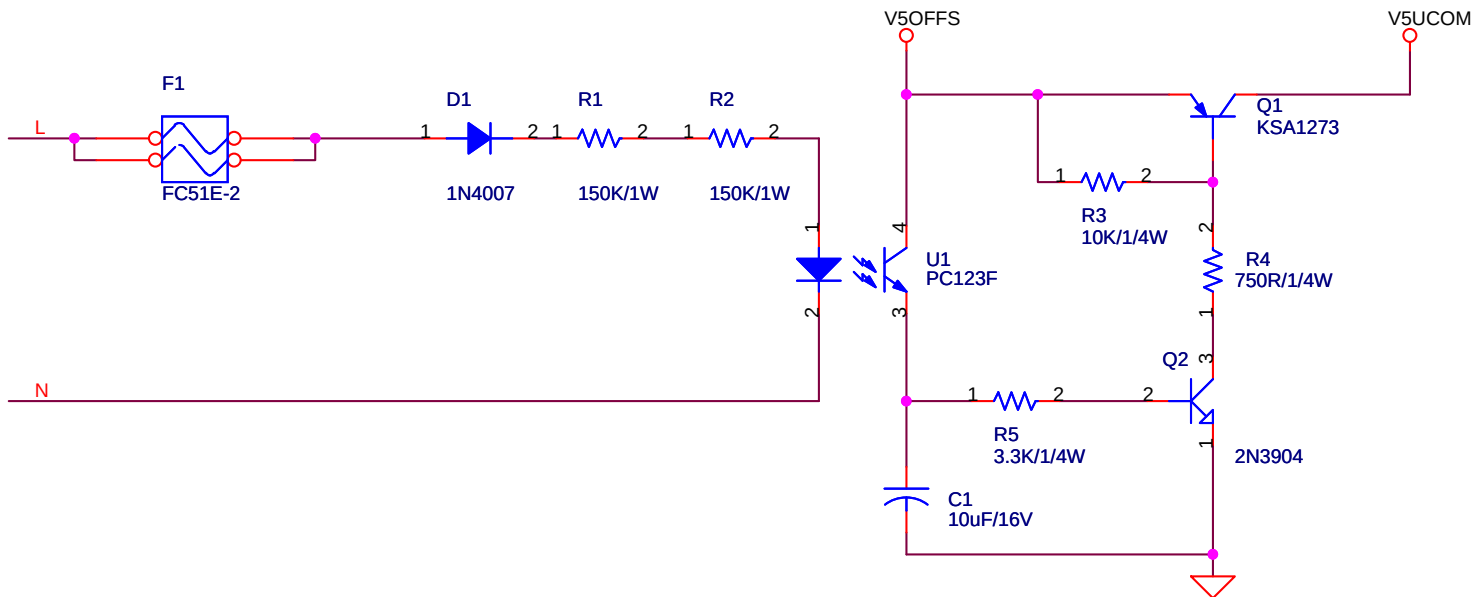
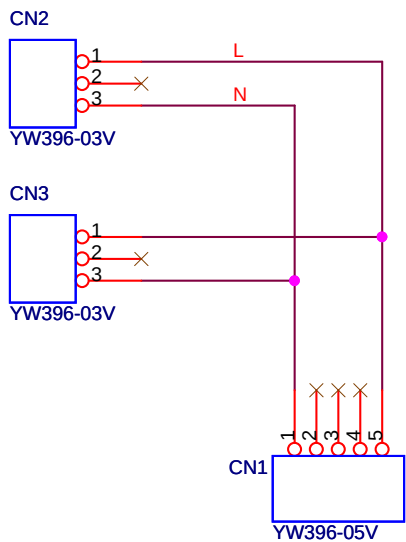




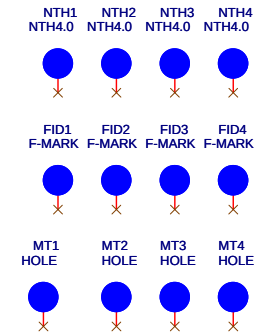
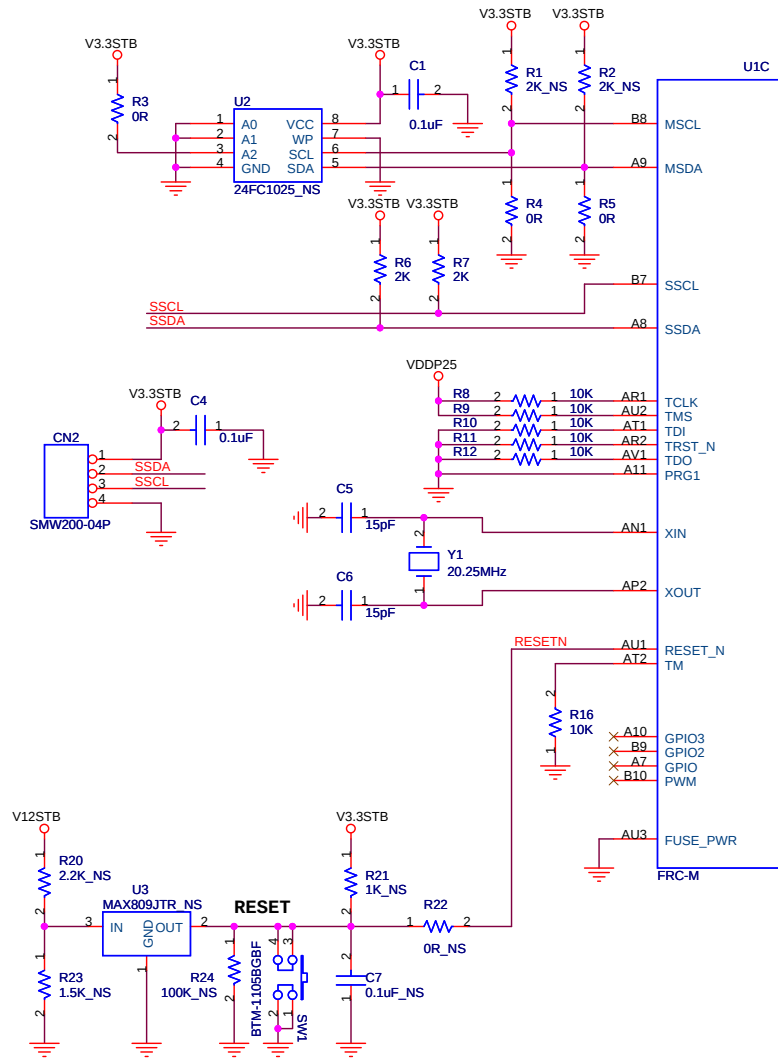
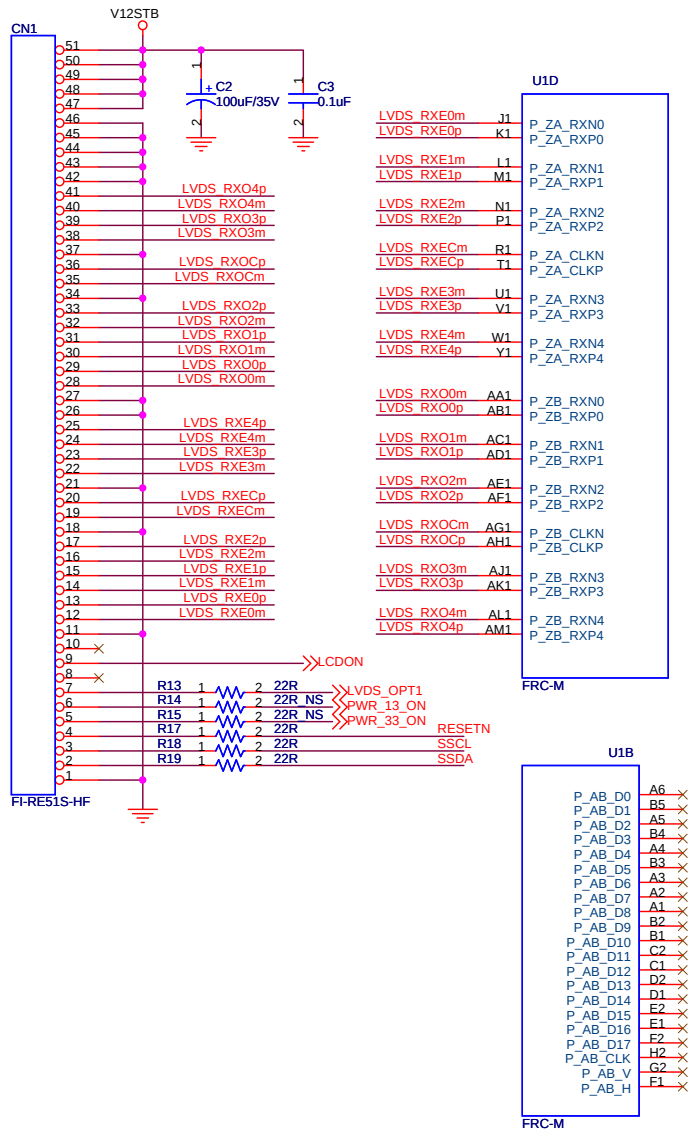
Title		
eagle/aquarius		
Size A	Document Number AC Device	Rev R03A
Date:	Tuesday, May 27, 2008	Sheet 1 of 1

MODEL : FRCM Board

REVISION NO : R01

REV	DATE	HISTORY
R01	2007/10/19	1st Edition

APPROVAL		
DESIGNER	PROJECT MANAGER	R&D DIRECTOR



D&T, Inc.		
Title		
FRC-M		
Size	Document Number	Rev
B	Video Input	R01
Date:	Wednesday, January 02, 2008	Sheet 2 of 6



U1E

P_XA_TXN0	A12	LVDS X TXE0m
P_XA_TXP0	A13	LVDS X TXE0p
P_XA_TXN1	A14	LVDS X TXE1m
P_XA_TXP1	A15	LVDS X TXE1p
P_XA_TXN2	A16	LVDS X TXE2m
P_XA_TXP2	A17	LVDS X TXE2p
P_XA_CLKN	A18	LVDS X TXECm
P_XA_CLKP	A19	LVDS X TXECp
P_XA_TXN3	A20	LVDS X TXE3m
P_XA_TXP3	A21	LVDS X TXE3p
P_XA_TXN4	A22	LVDS X TXE4m
P_XA_TXP4	A23	LVDS X TXE4p
P_XA_TXN5	A24	LVDS X TXE5m
P_XA_TXP5	A25	LVDS X TXE5p
P_XB_TXN0	A26	LVDS X TXO0m
P_XB_TXP0	A27	LVDS X TXO0p
P_XB_TXN1	A28	LVDS X TXO1m
P_XB_TXP1	A29	LVDS X TXO1p
P_XB_TXN2	A30	LVDS X TXO2m
P_XB_TXP2	A31	LVDS X TXO2p
P_XB_CLKN	A32	LVDS X TXOCm
P_XB_CLKP	A33	LVDS X TXOCp
P_XB_TXN3	A34	LVDS X TXO3m
P_XB_TXP3	A35	LVDS X TXO3p
P_XB_TXN4	A36	LVDS X TXO4m
P_XB_TXP4	A37	LVDS X TXO4p
P_XB_TXN5	A38	LVDS X TXO5m
P_XB_TXP5	A39	LVDS X TXO5p

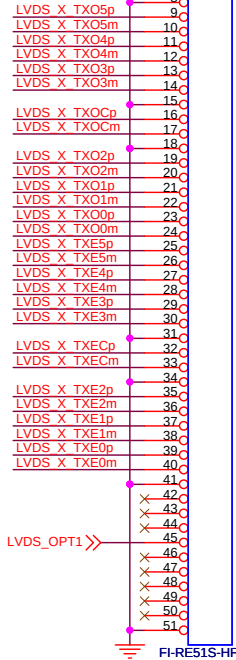
FRC-M

Even : First Pixel
Odd : Second Pixel

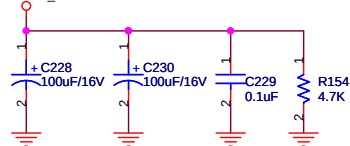
X : 1st & 2nd Channel
Y : 3rd & 4th Channel

VLCM_PWR

CN3



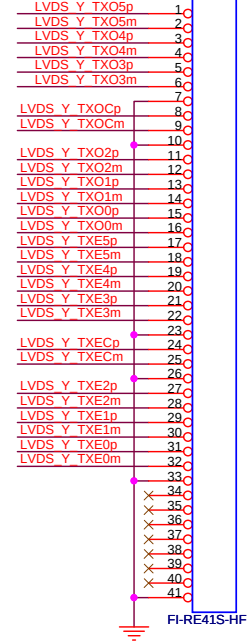
VLCM_PWR



U1F

P_YA_TXN0	G39	LVDS Y TXE0m
P_YA_TXP0	H39	LVDS Y TXE0p
P_YA_TXN1	J39	LVDS Y TXE1m
P_YA_TXP1	K39	LVDS Y TXE1p
P_YA_TXN2	L39	LVDS Y TXE2m
P_YA_TXP2	M39	LVDS Y TXE2p
P_YA_CLKN	N39	LVDS Y TXECm
P_YA_CLKP	P39	LVDS Y TXECp
P_YA_TXN3	R39	LVDS Y TXE3m
P_YA_TXP3	T39	LVDS Y TXE3p
P_YA_TXN4	U39	LVDS Y TXE4m
P_YA_TXP4	V39	LVDS Y TXE4p
P_YA_TXN5	W39	LVDS Y TXE5m
P_YA_TXP5	Y39	LVDS Y TXE5p
P_YB_TXN0	AA39	LVDS Y TXO0m
P_YB_TXP0	AB39	LVDS Y TXO0p
P_YB_TXN1	AC39	LVDS Y TXO1m
P_YB_TXP1	AD39	LVDS Y TXO1p
P_YB_TXN2	AE39	LVDS Y TXO2m
P_YB_TXP2	AF39	LVDS Y TXO2p
P_YB_CLKN	AG39	LVDS Y TXOCm
P_YB_CLKP	AH39	LVDS Y TXOCp
P_YB_TXN3	AJ39	LVDS Y TXO3m
P_YB_TXP3	AK39	LVDS Y TXO3p
P_YB_TXN4	AL39	LVDS Y TXO4m
P_YB_TXP4	AM39	LVDS Y TXO4p
P_YB_TXN5	AN39	LVDS Y TXO5m
P_YB_TXP5	AP39	LVDS Y TXO5p

FRC-M



FI-RE41S-HF

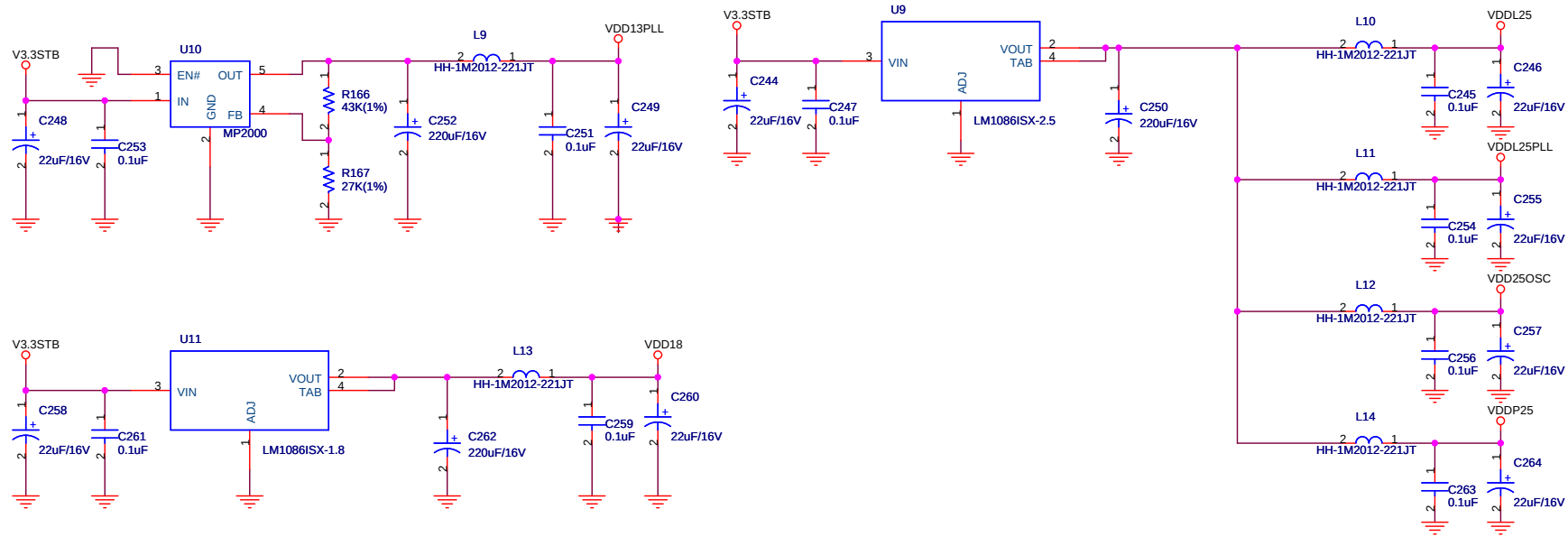
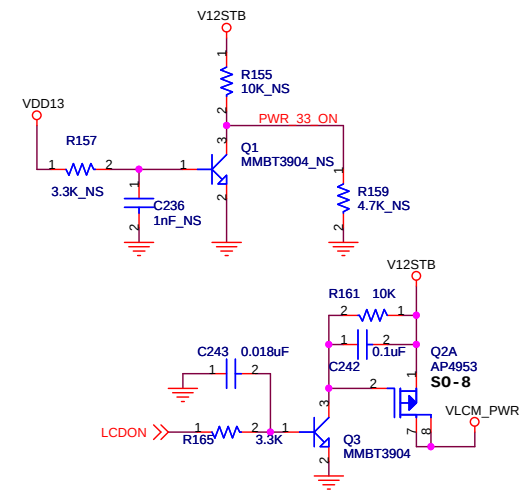
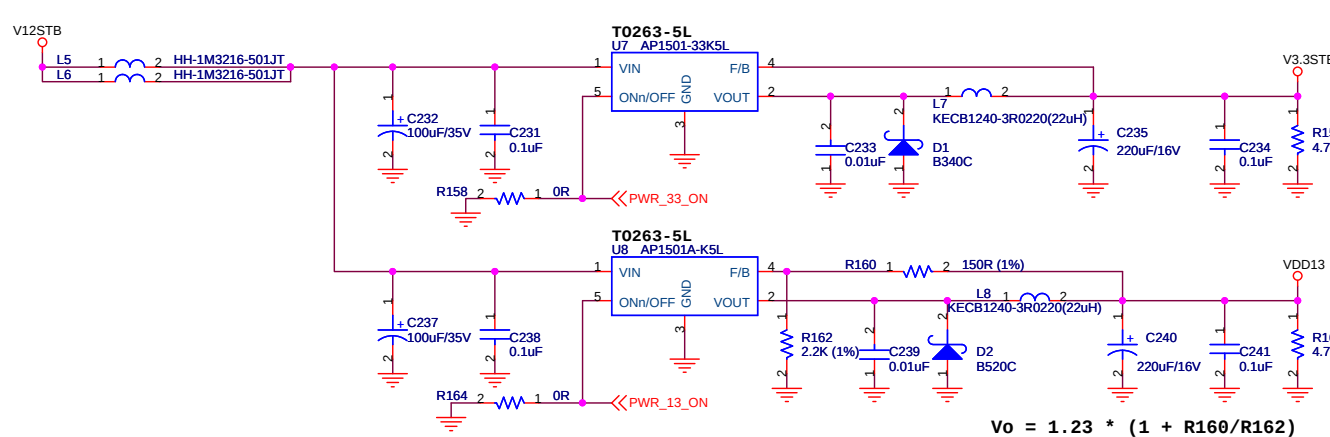
D&T, Inc.

Title
FRC-M

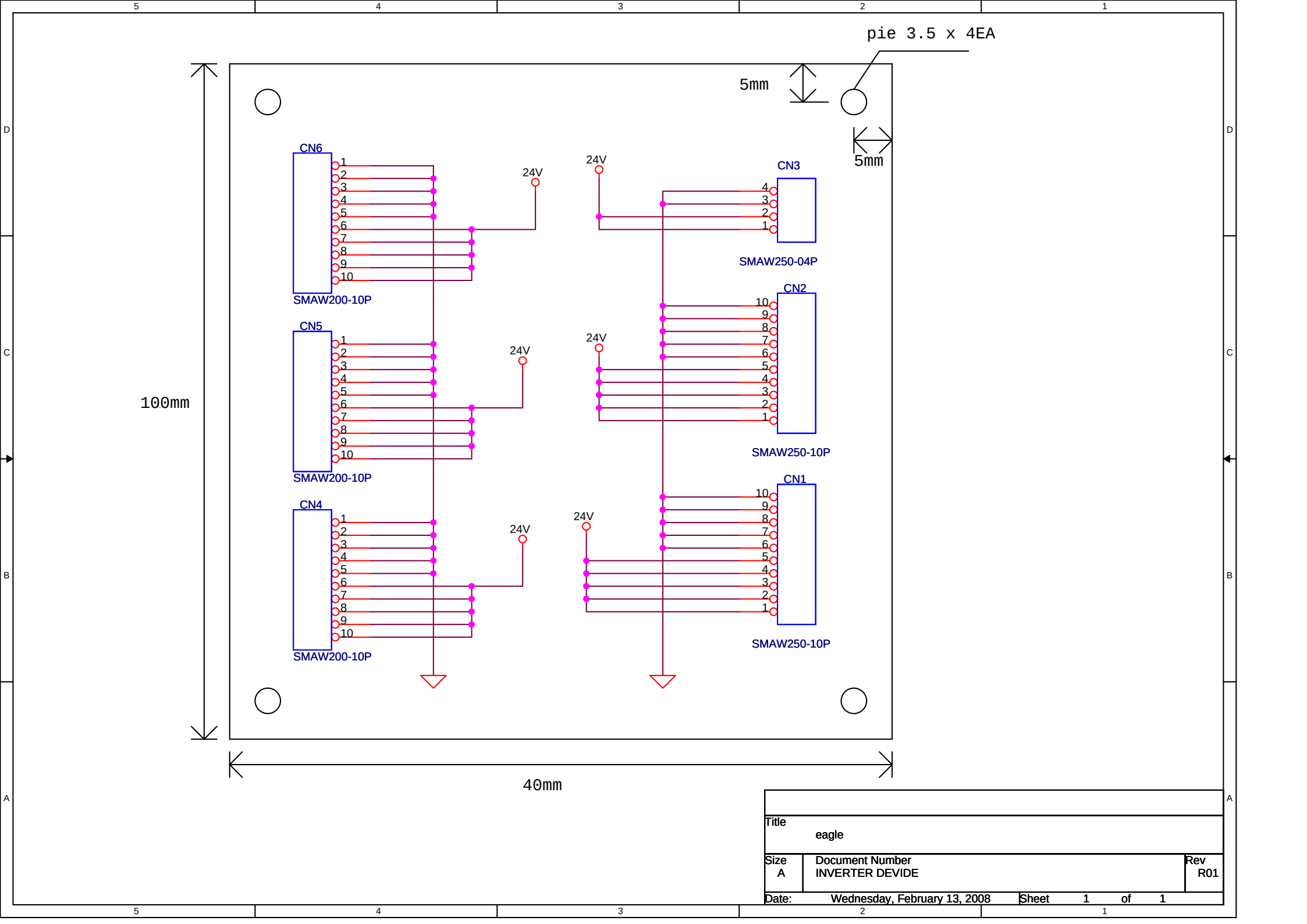
Size
B Document Number
Video Output

Rev
R01

Date: Saturday, December 29, 2007 Sheet 5 of 6



D&T, Inc.			
Title		FRC-M	
Size	Document Number	Rev	
B	Main Power	R01	
Date:	Friday, December 28, 2007	Sheet	6 of 6

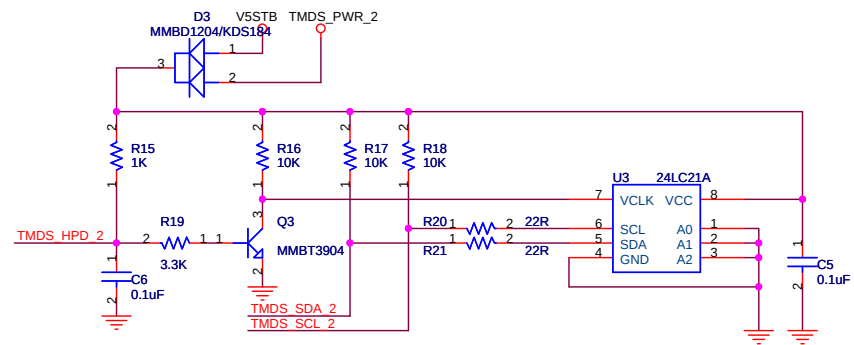
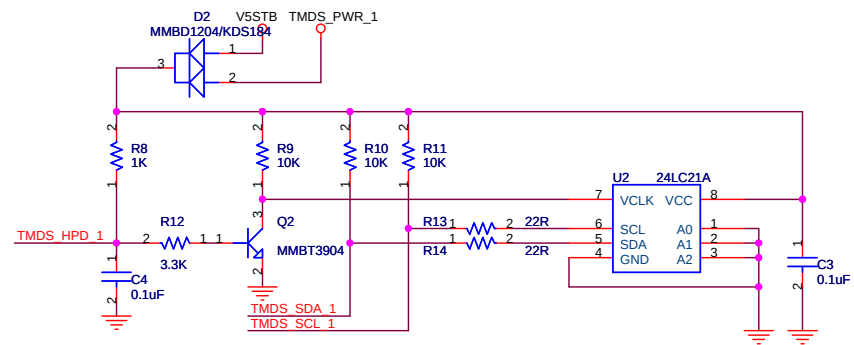
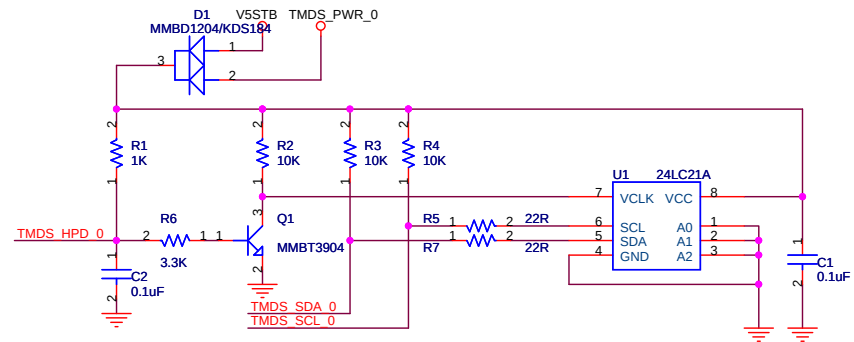
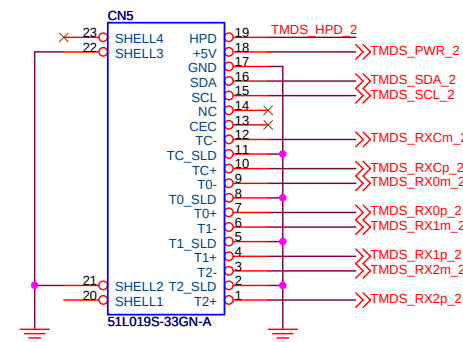
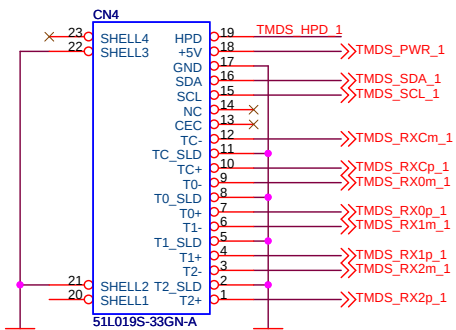
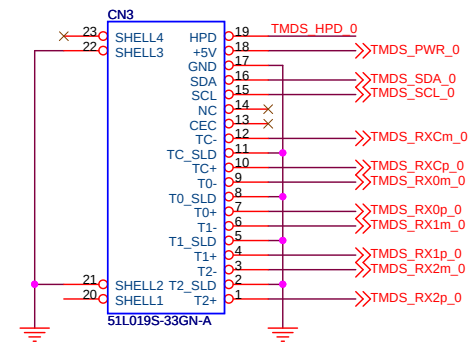
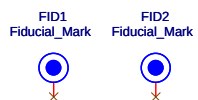
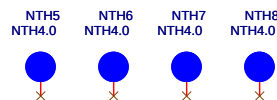
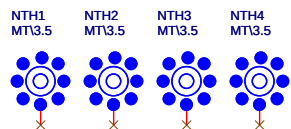
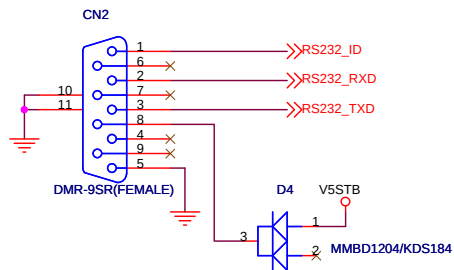
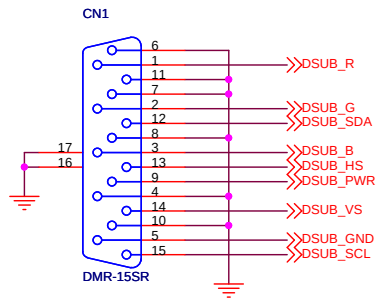


MODEL : LB506 IO Board

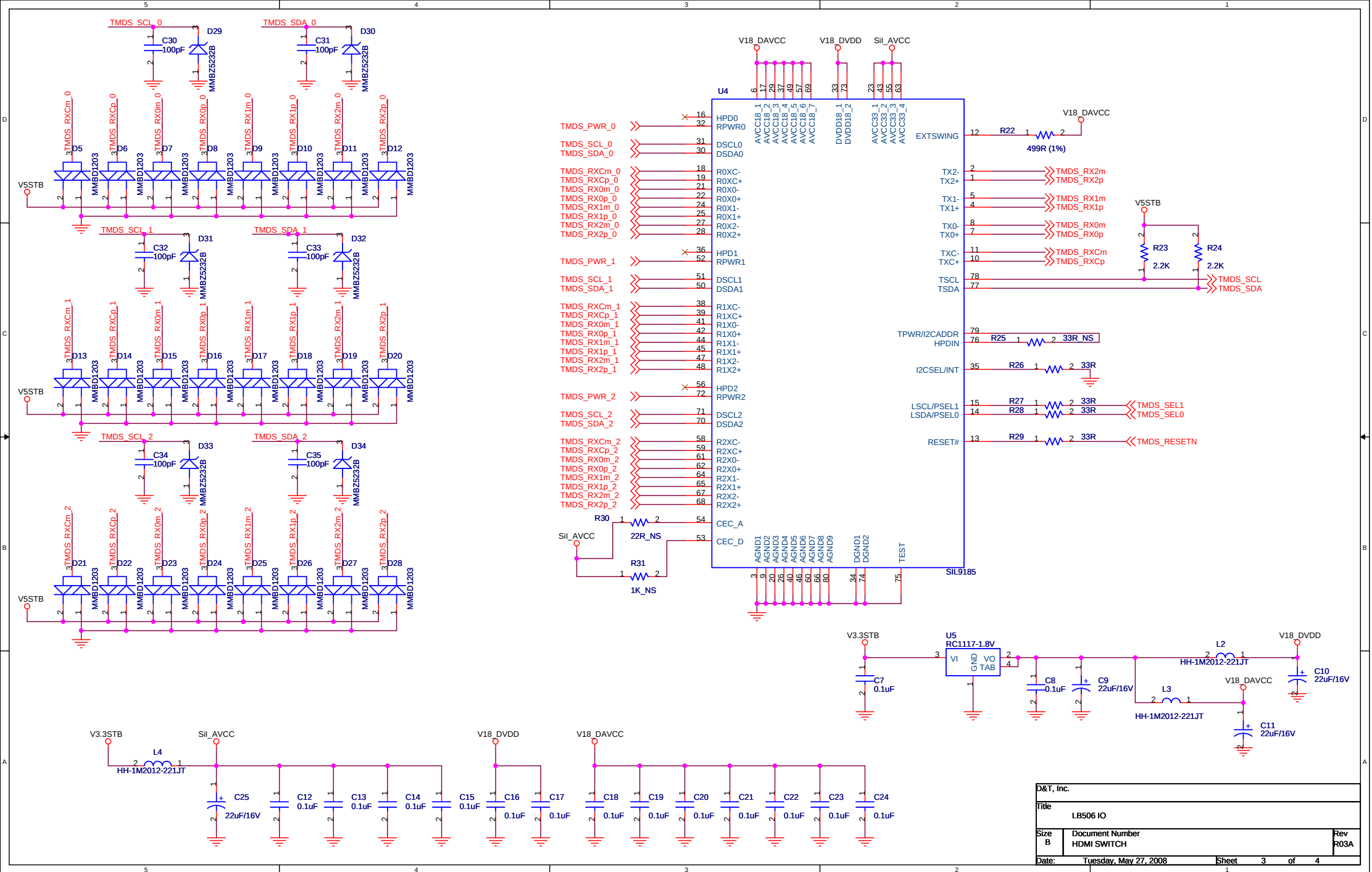
REVISION NO : R03A

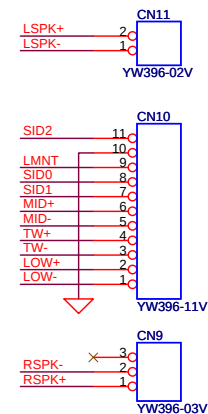
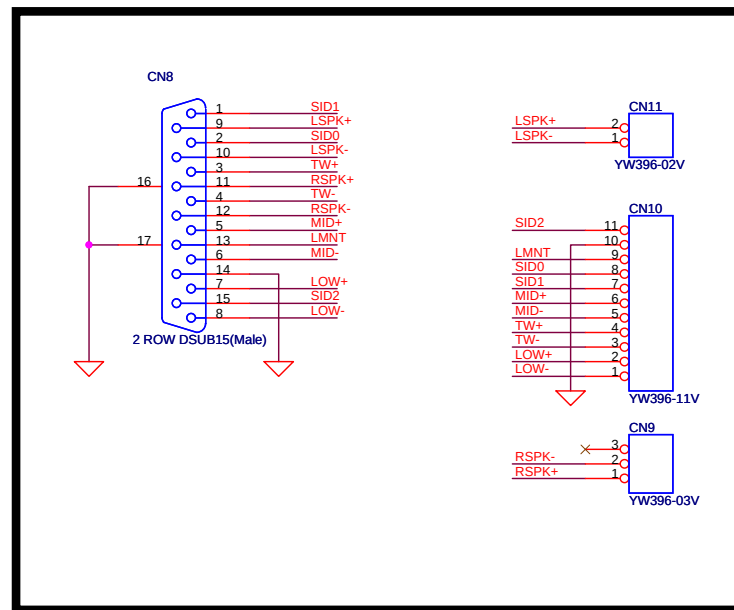
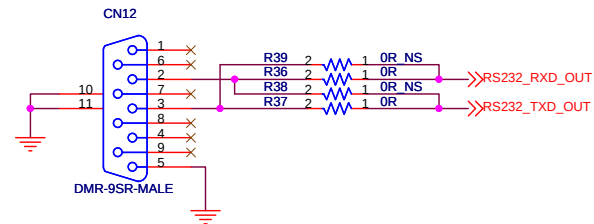
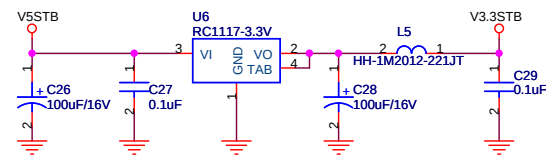
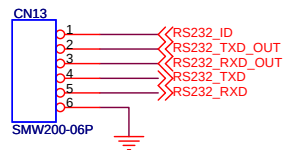
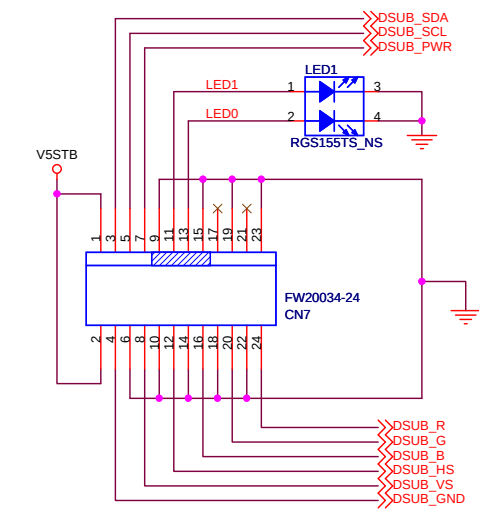
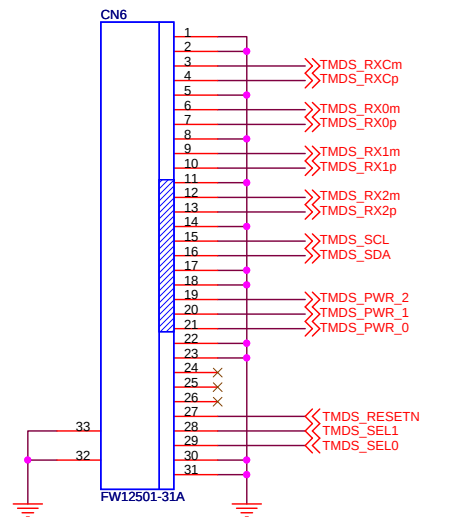
REV	DATE	HISTORY
R01	2007/10/15	1st Edition
R02	2008/02/01	2nd Edition RS232 OUT추가, HDMI1,2,3의 SDA, SCL Line 상호변경등
R03	2008/03/21	3rd Edition Center speaker pin순서 변경, L1 bead삭제 HDMI Jack쪽 ESD대책 추가
R03A	2008/05/26	4th Edition Change Left & Center speaker Connector

APPROVAL		
DESIGNER	PROJECT MANAGER	R&D DIRECTOR



D&T, Inc.		
Title		
LB506 IO		
Size	Document Number	Rev
B	VIDEO INPUT	R03A
Date:	Tuesday, May 27, 2008	Sheet 2 of 4





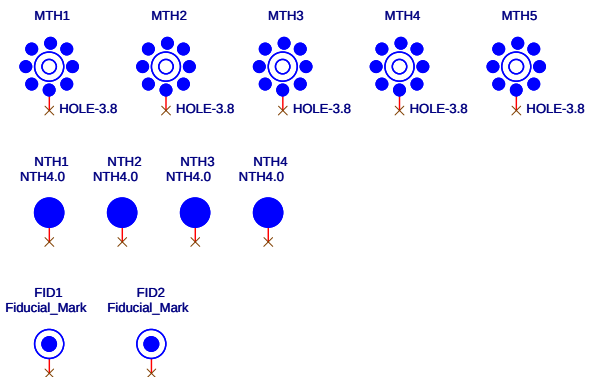
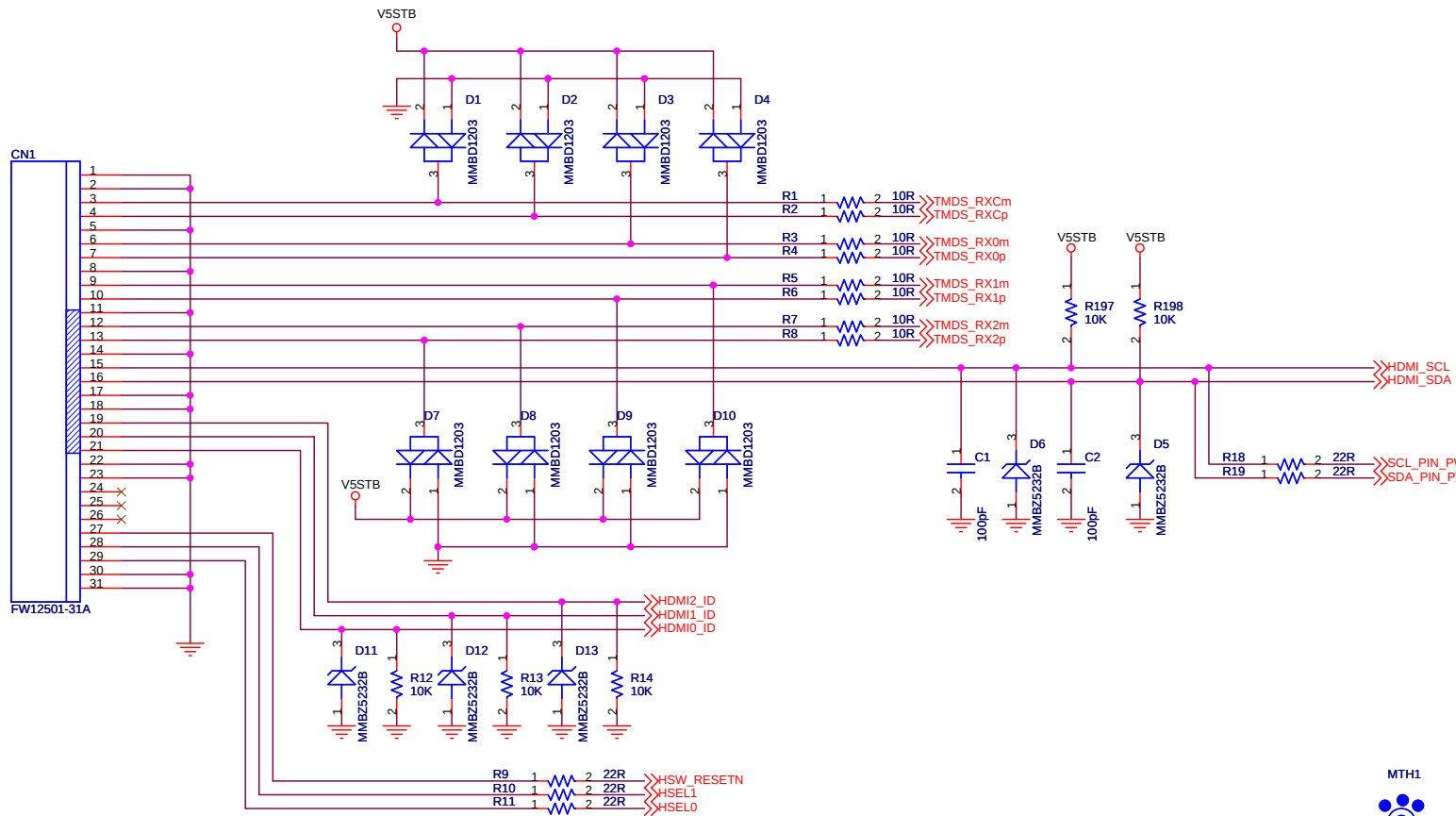
D&T, Inc.		
Title		
LB506 IO		
Size	Document Number	Rev
B	Misc	R03A
Date:	Thursday, May 29, 2008	Sheet 4 of 4

MODEL : LB506 Main Board

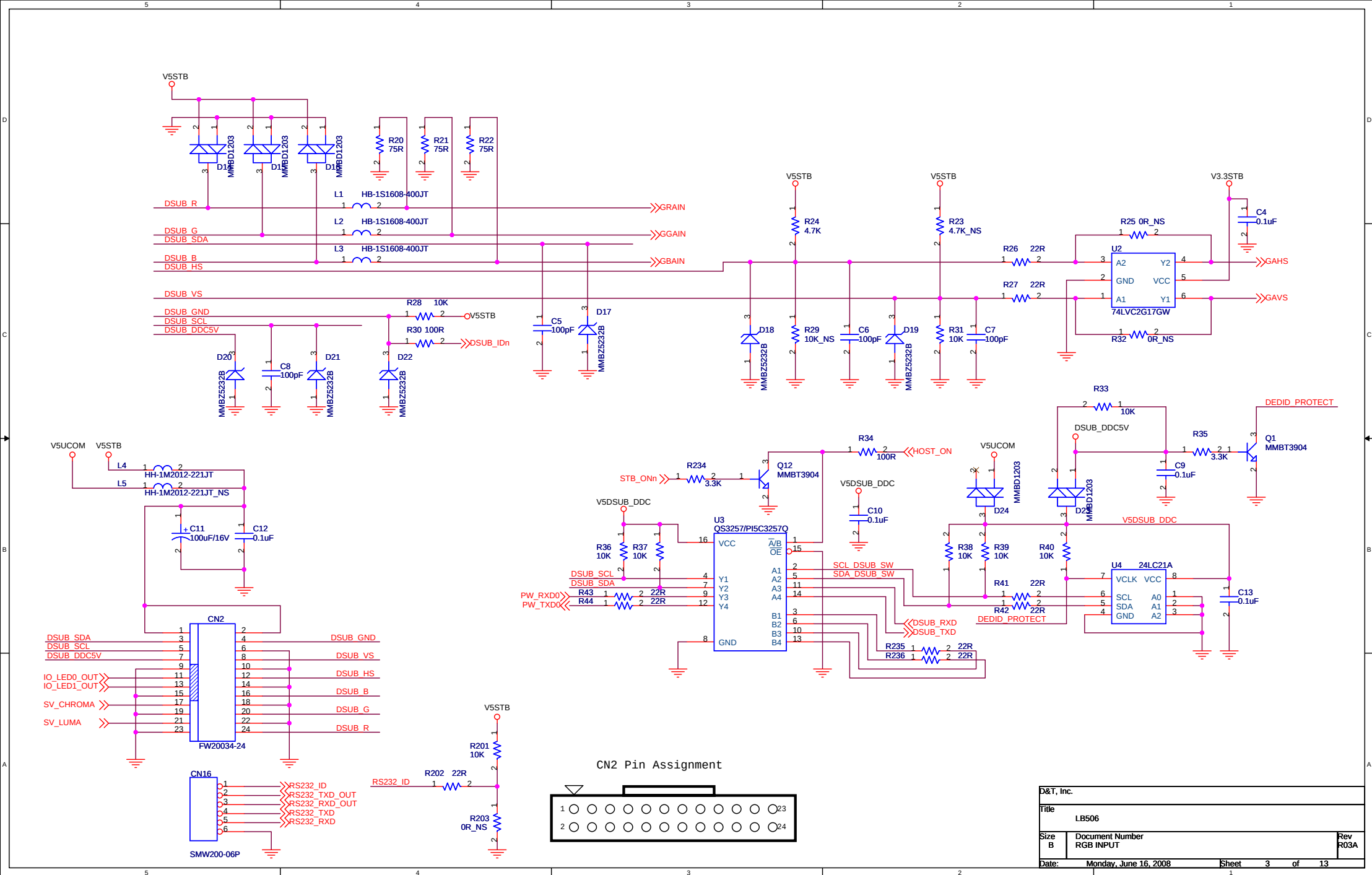
REVISION NO : R03A

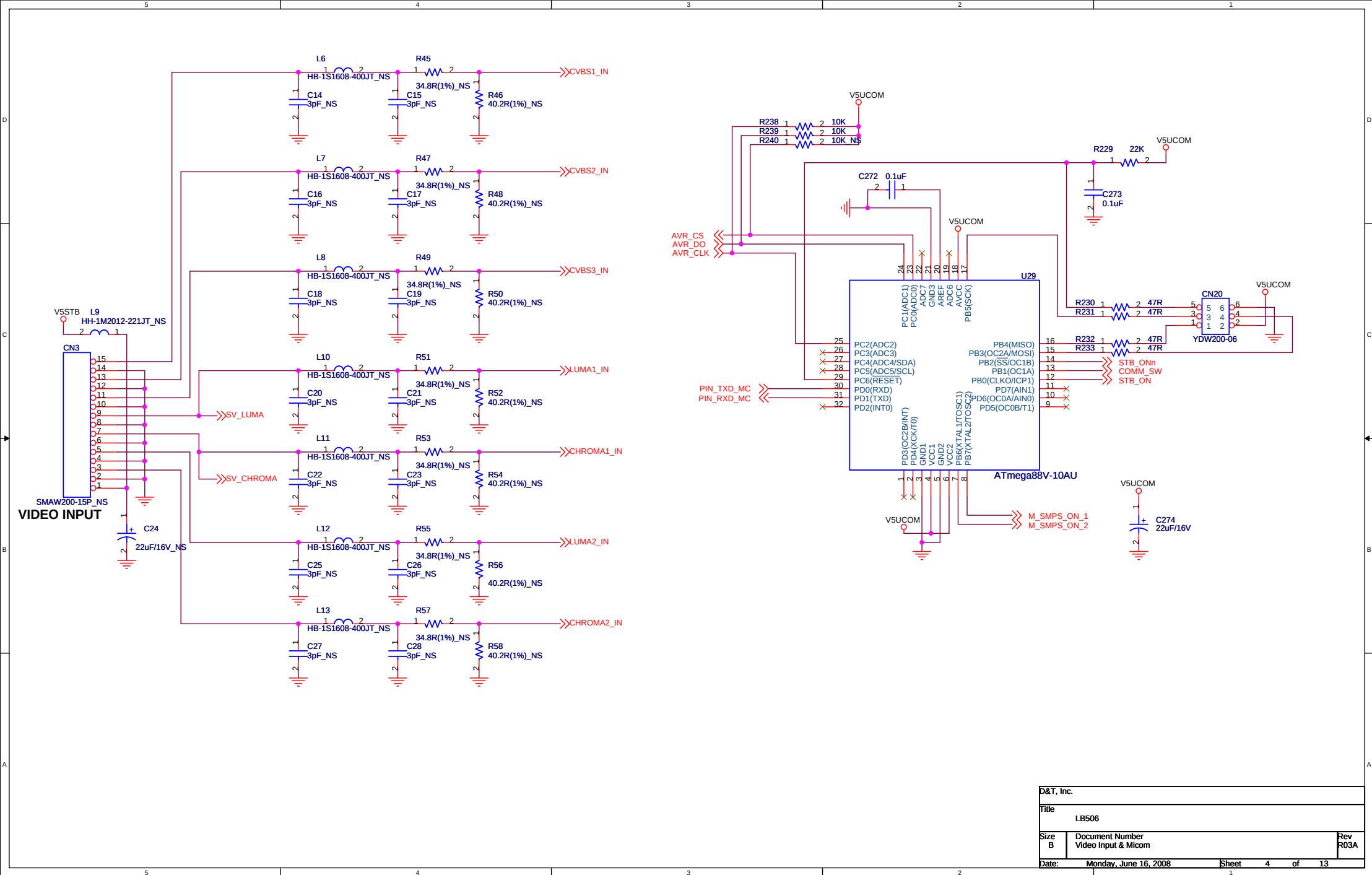
REV	DATE	HISTORY
R01	2007/10/12	1st Edition
R02	2008/01/31	2nd Edition SHARP 65INCH대응, Soft off때 low power대응등,
R03	2008/03/21	3rd Edition RS232 통신 Out line, MICOM 통신 Line의 TX, RX상호 변경 Panel option관련, Power 관련부품의 미삽 및 삽입 MICOM의 Clock관련 변경

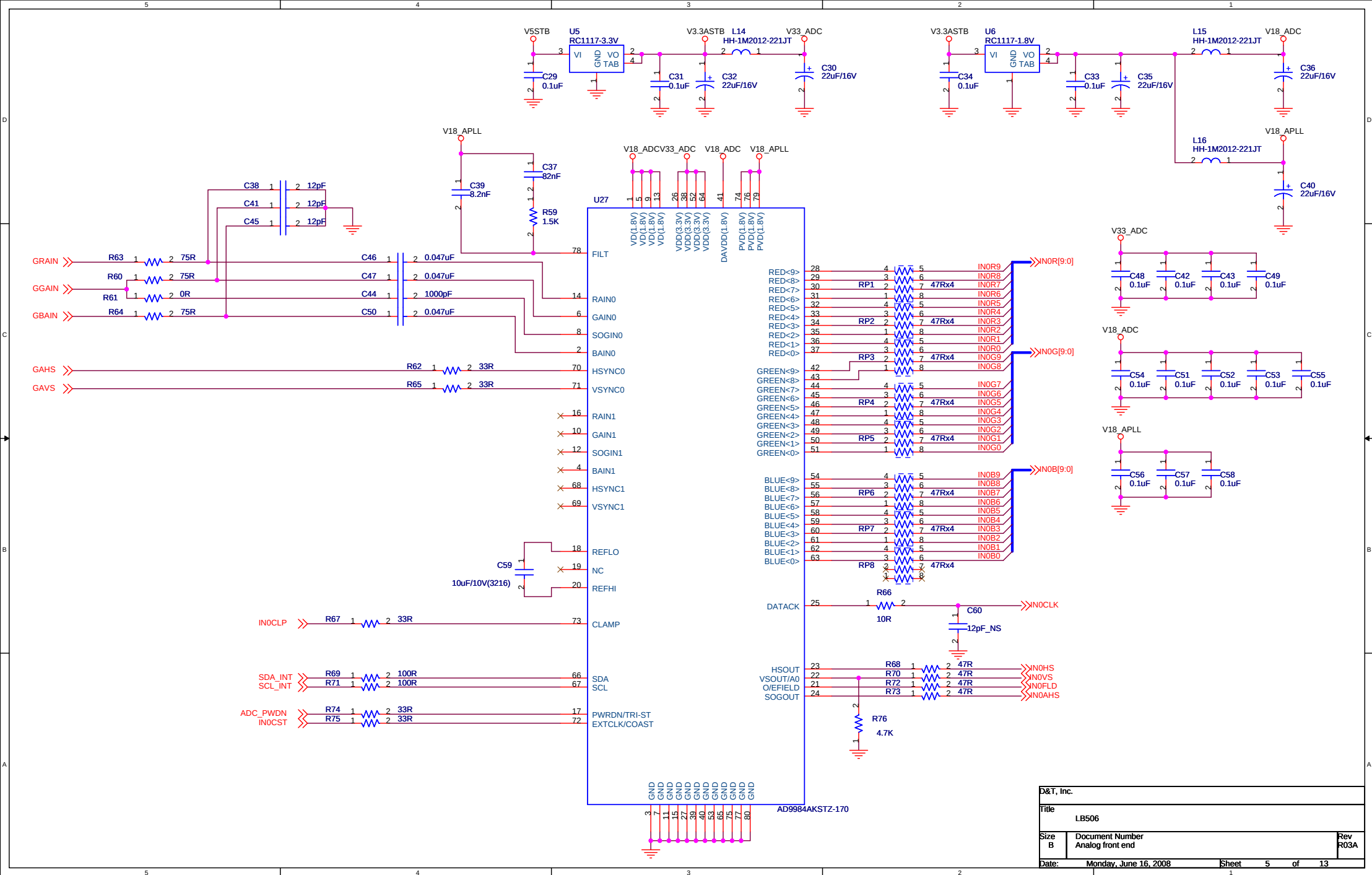
APPROVAL		
DESIGNER	PROJECT MANAGER	R&D DIRECTOR

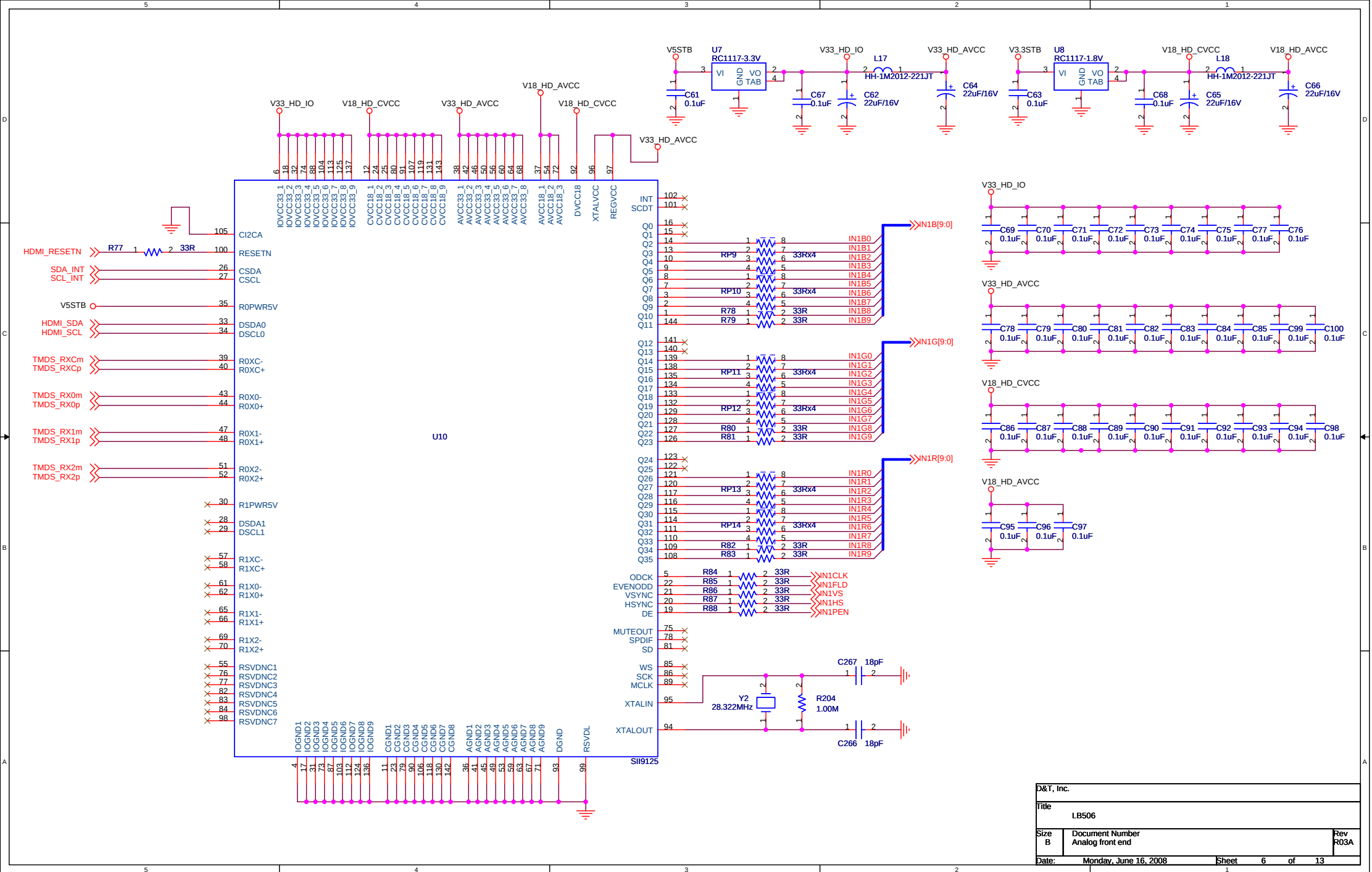


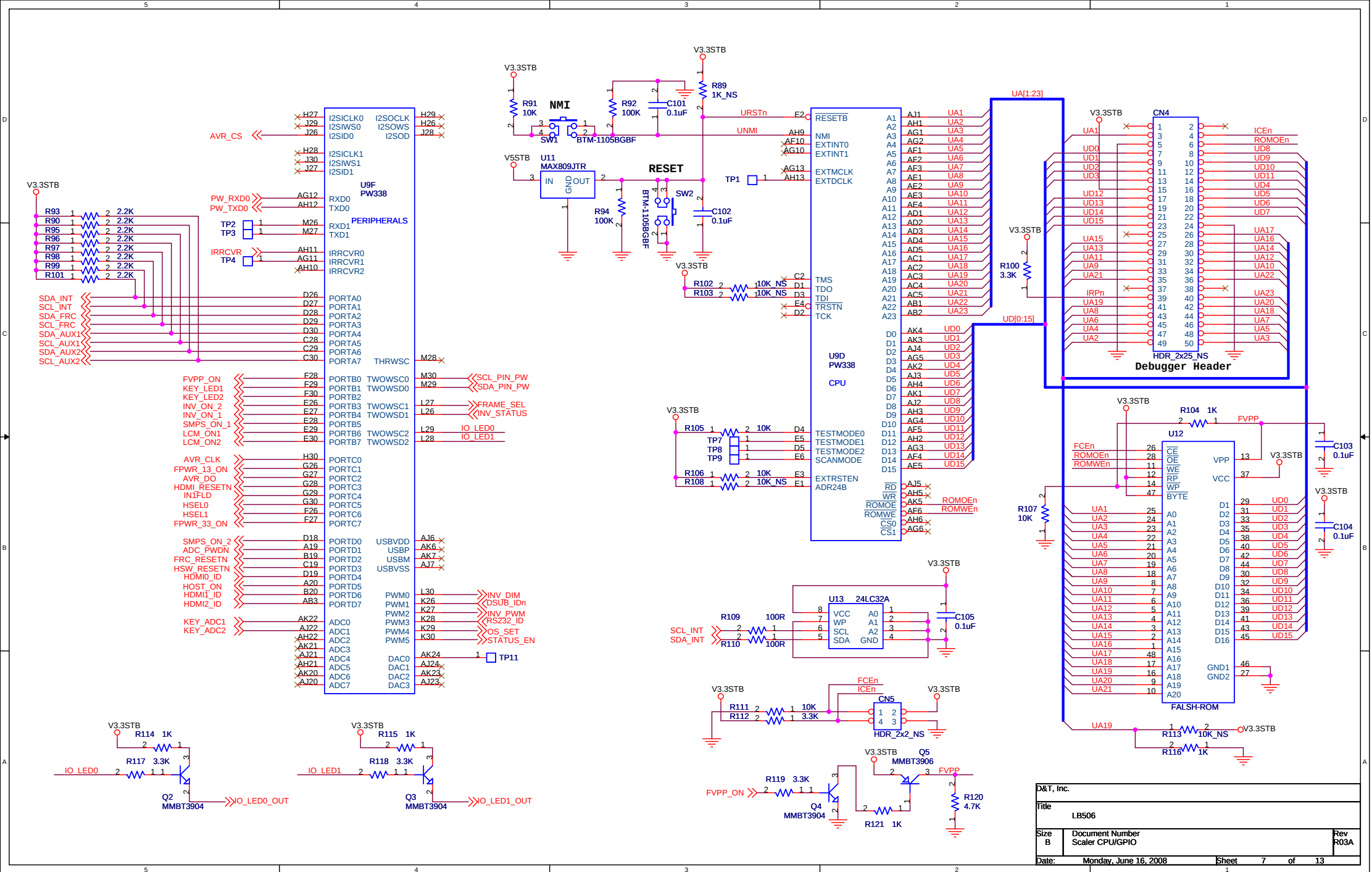
D&T, Inc.		
Title		
LB506		
Size	Document Number	Rev
B	DVI Input	R03A
Date:	Monday, June 16, 2008	Sheet 2 of 13

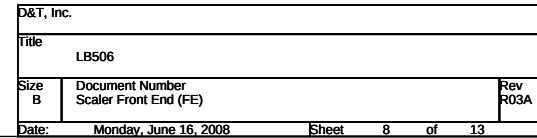


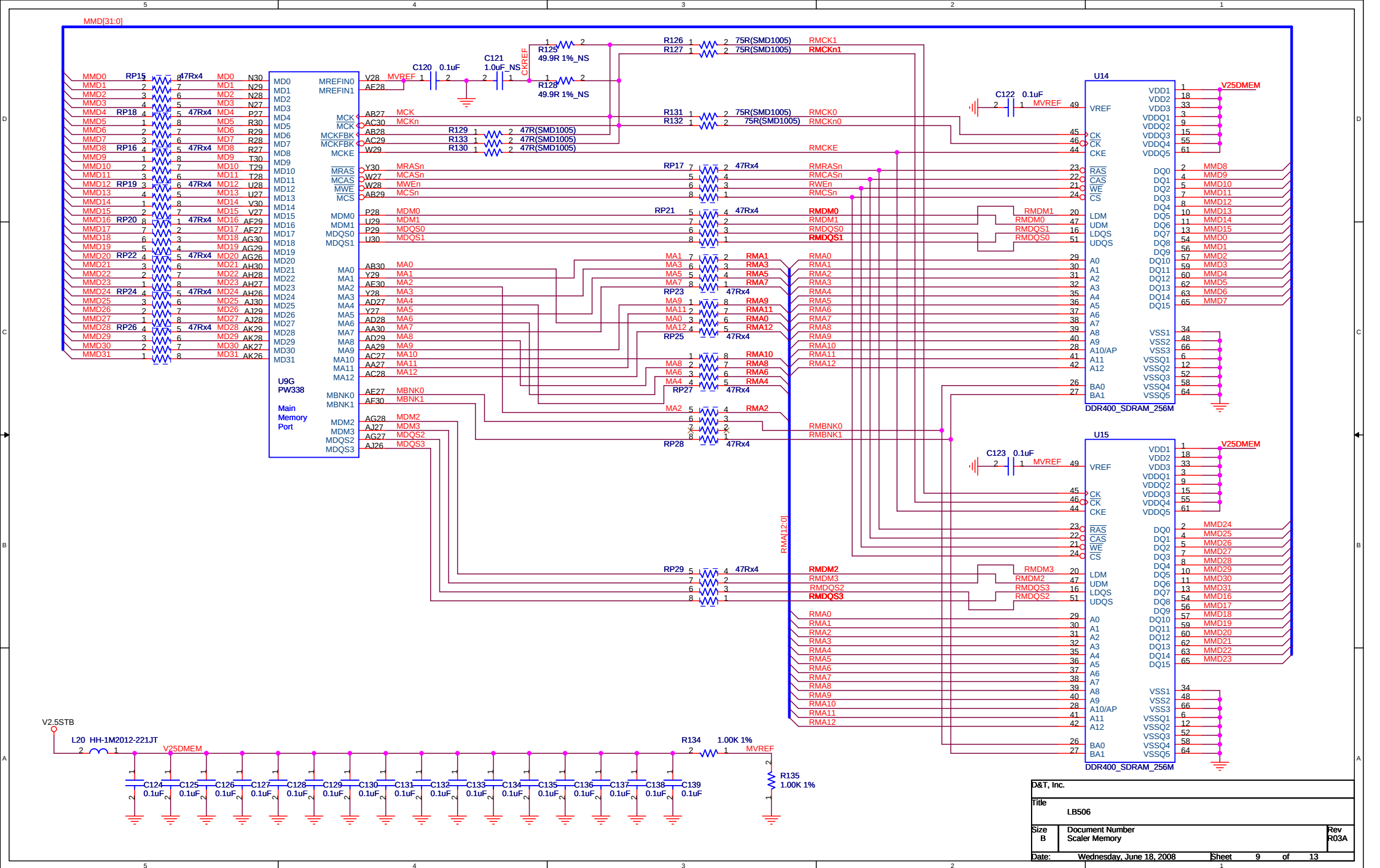


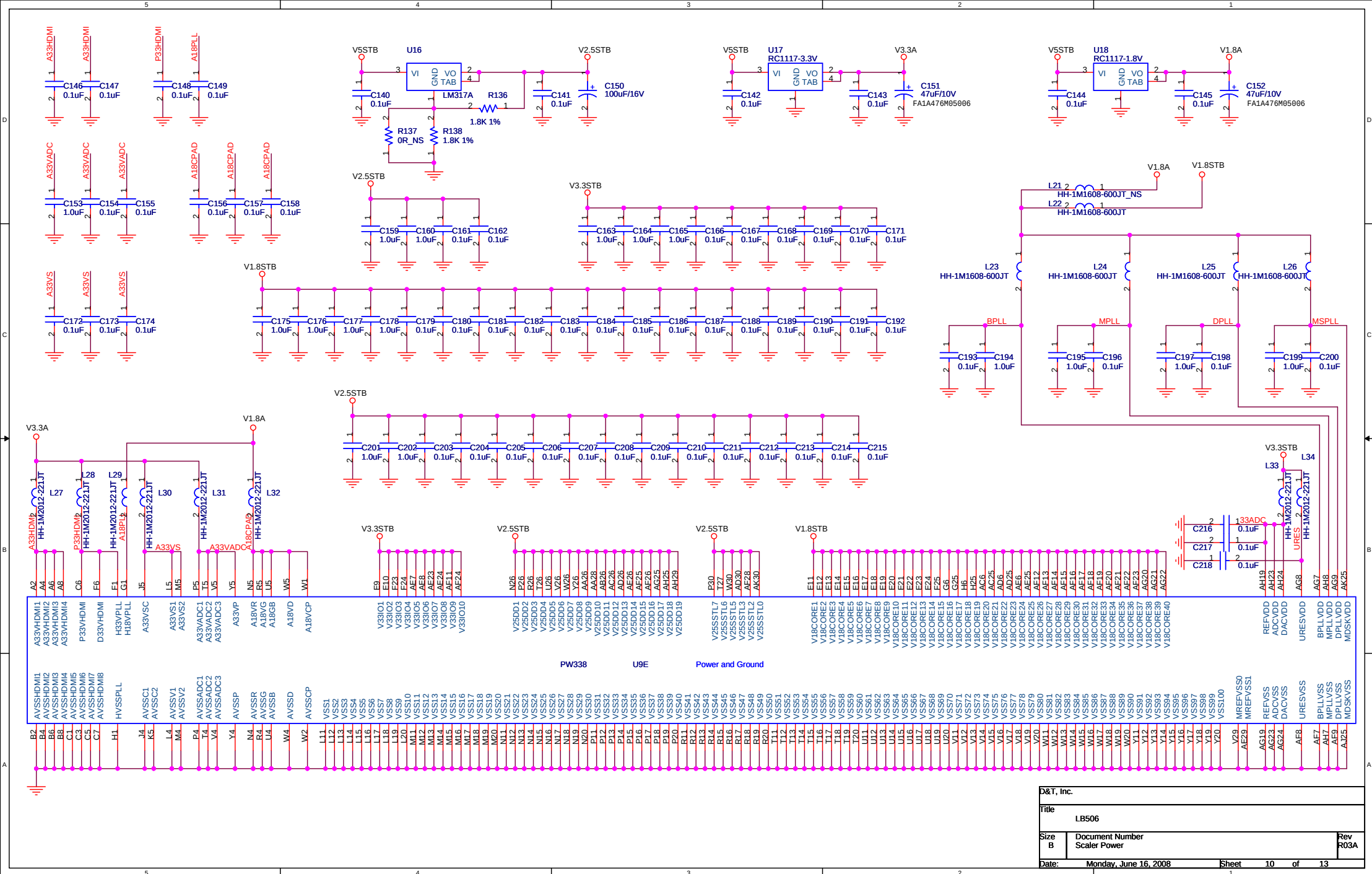




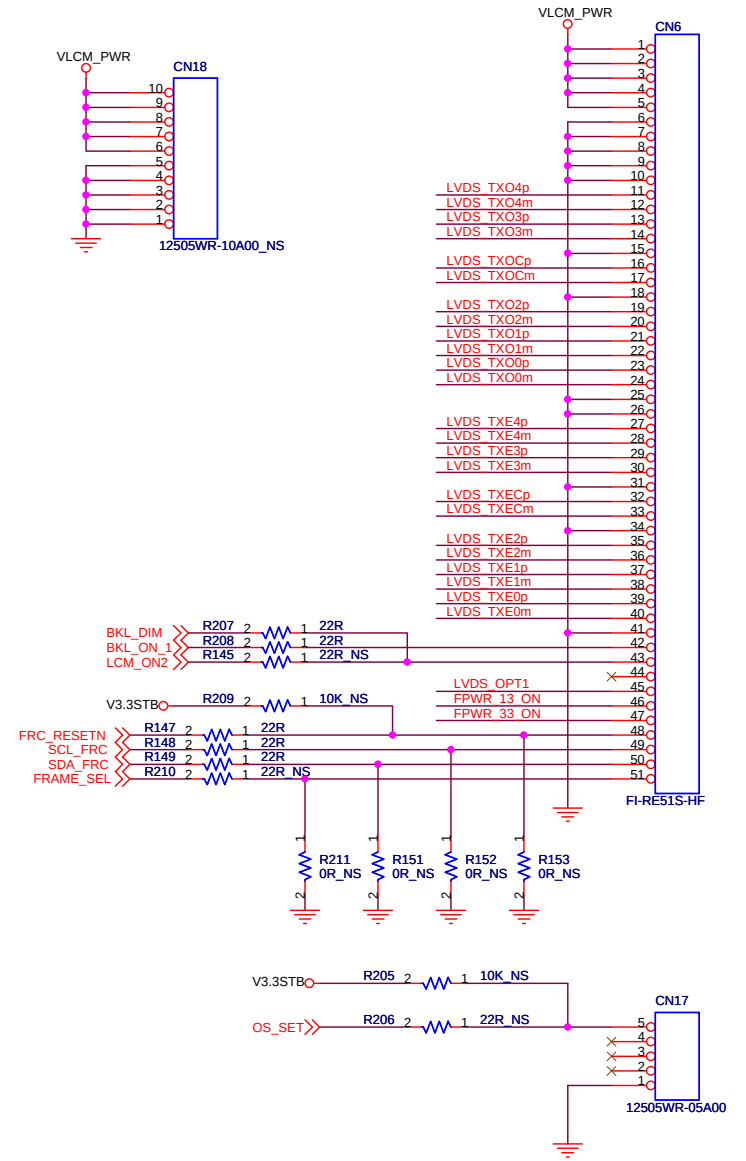
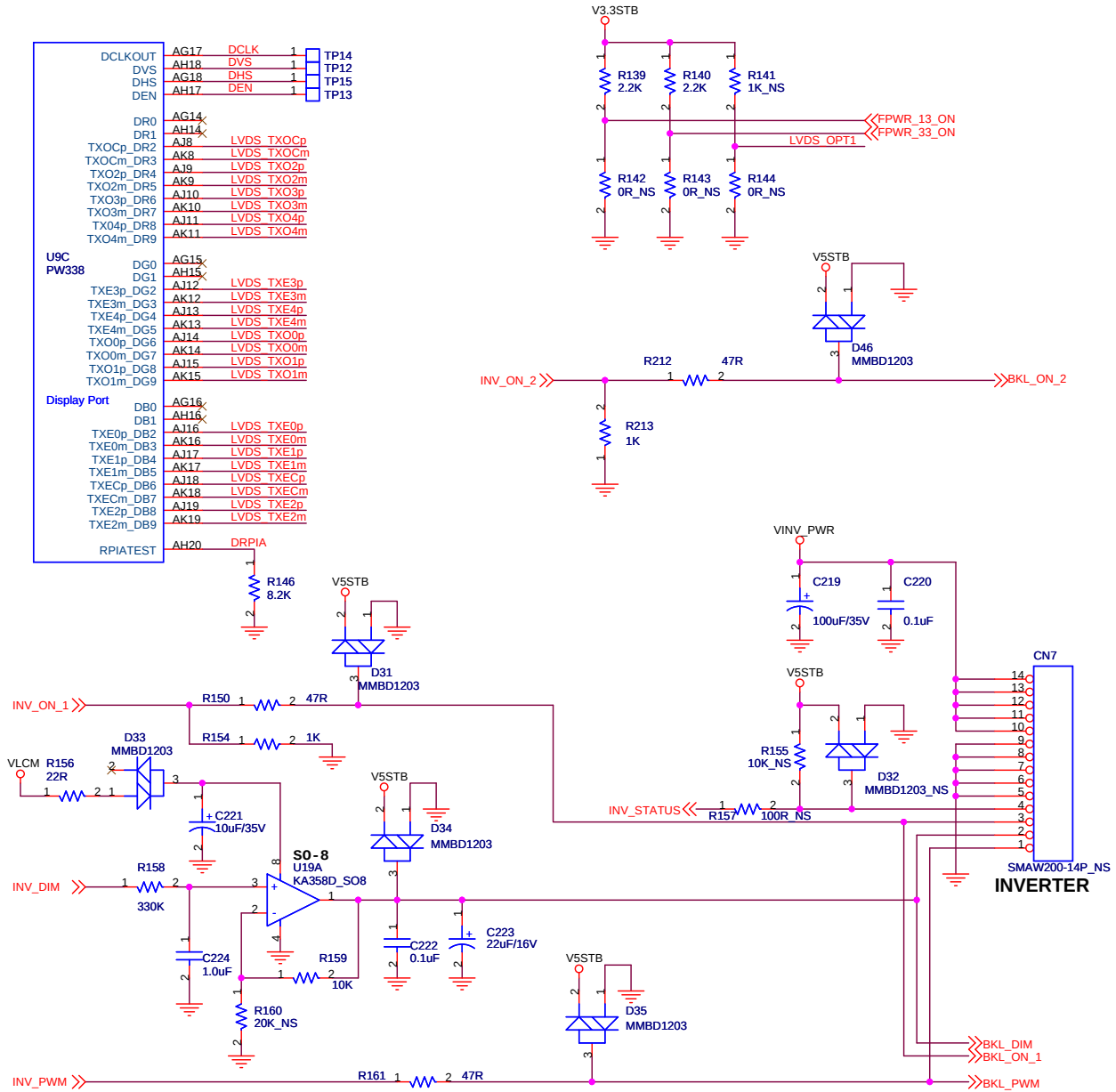




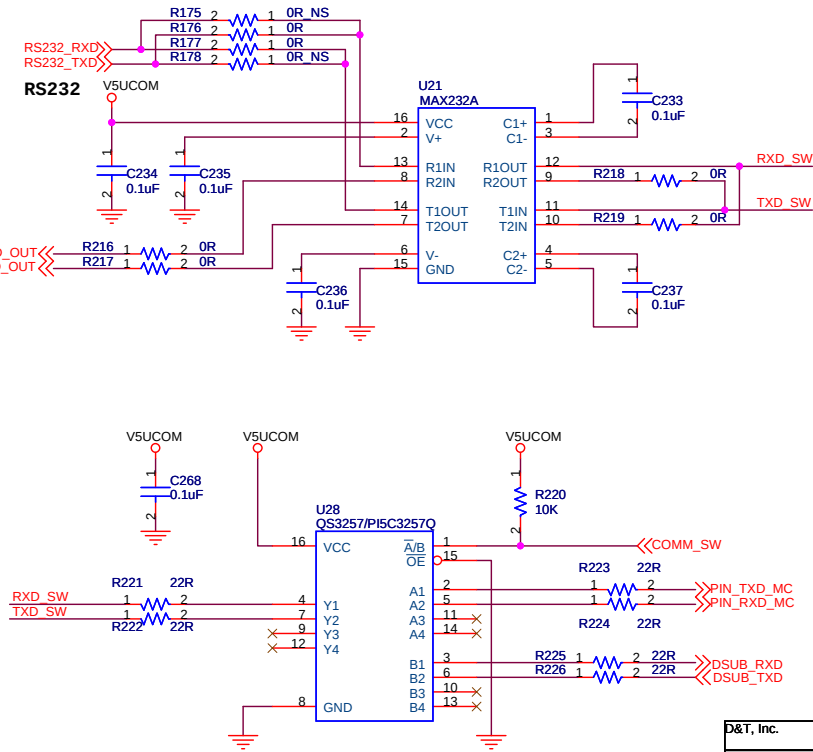
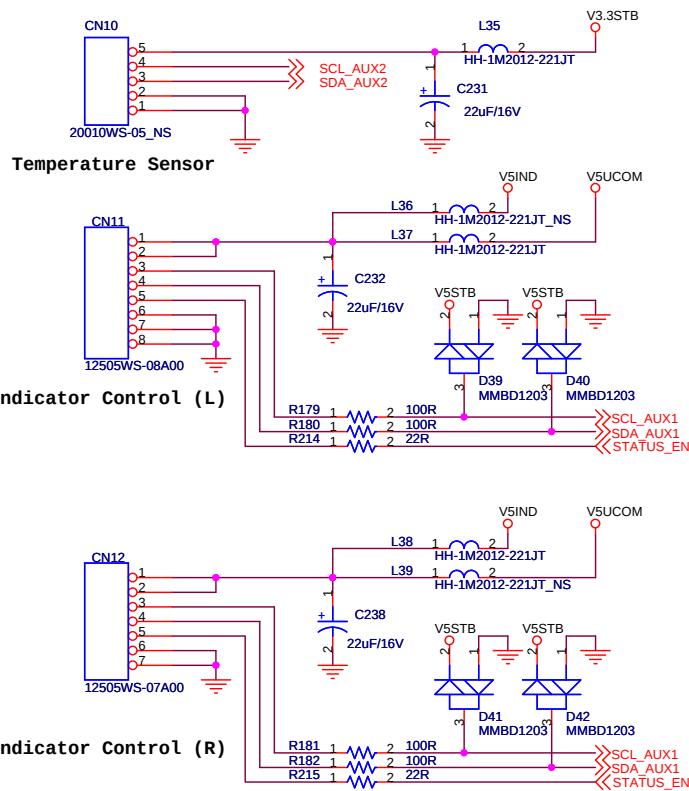
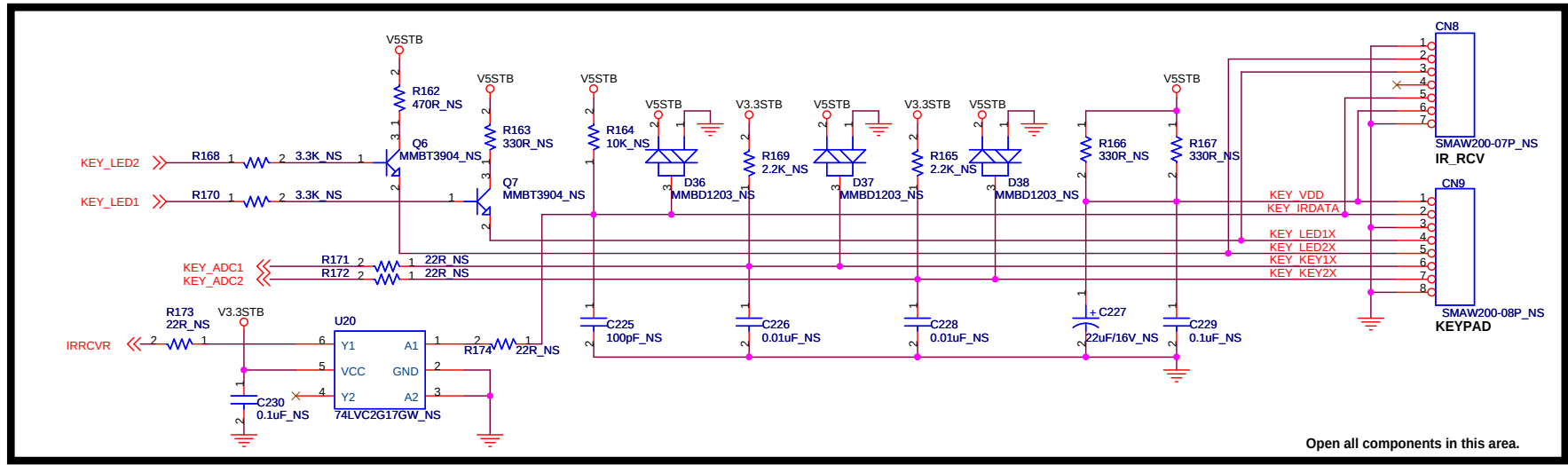




DCLKOUT	AG17	DCLK	1	TP14
DVS	AH18	DVS	1	TP12
DHS	AG18	DHS	1	TP15
DEN	AH17	DEN	1	TP13
DR0	AG14			
DR1	AH14			
TXOCp_DR2	AJ8	LVDS TXOCp		
TXOCm_DR3	AK8	LVDS TXOCm		
TXO2p_DR4	AJ9	LVDS TXO2p		
TXO2m_DR5	AK9	LVDS TXO2m		
TXO3p_DR6	AJ10	LVDS TXO3p		
TXO3m_DR7	AK10	LVDS TXO3m		
TXO4p_DR8	AJ11	LVDS TXO4p		
TXO4m_DR9	AK11	LVDS TXO4m		
U9C	AG15			
PW338	AH15			
TXE3p_DR2	AJ12	LVDS TXE3p		
TXE3m_DR3	AK12	LVDS TXE3m		
TXE4p_DR4	AJ13	LVDS TXE4p		
TXE4m_DR5	AK13	LVDS TXE4m		
TXO0p_DR6	AJ14	LVDS TXO0p		
TXO0m_DR7	AK14	LVDS TXO0m		
TXO1p_DR8	AJ15	LVDS TXO1p		
TXO1m_DR9	AK15	LVDS TXO1m		
Display Port	DB0			
	DB1			
	DB2			
	DB3			
	DB4			
	DB5			
	DB6			
	DB7			
	DB8			
	DB9			
RPIATEST	AH20	DRPIA		

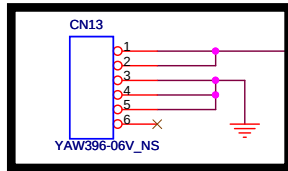


D&T, Inc.			
Title			
LB506			
Size			
Document Number			
Scaler Display Port			
Date:			
Wednesday, June 18, 2008			
Sheet			
11 of 13			
Rev			
R03A			



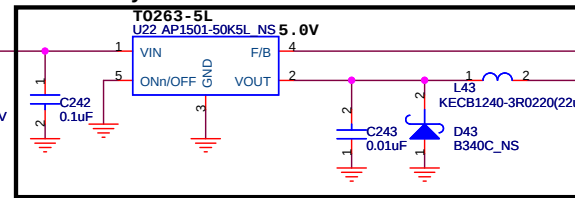
D&T, Inc.		
Title	LB506	
Size	Document Number	Rev
B	Miscellaneous	R03A
Date:	Monday, June 16, 2008	Sheet 12 of 13

for AC-DC ADAPTER

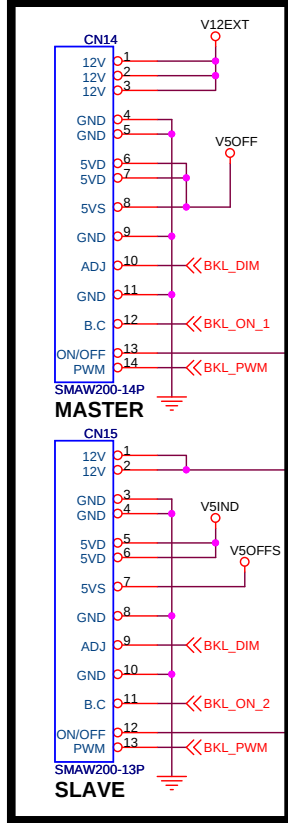


Standby 5V Block

No need case for SMPS use



for EXTERNAL SMPS



STANDBY POWER SELECT

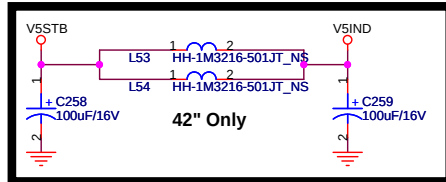
=> Case for Ext SMPS use

=> Case for ADAPTER use

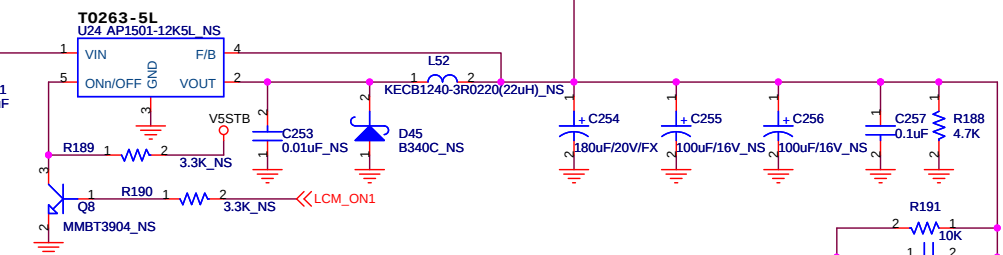
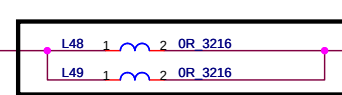
LCM POWER SELECT

=> Case for ADAPTER use or 24V LCM Power

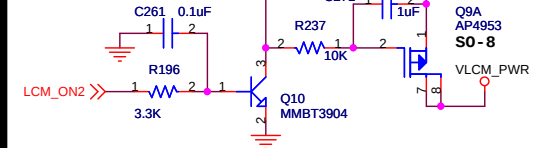
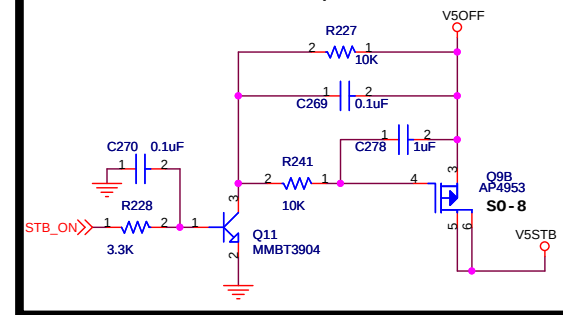
=> Case for Ext SMPS use or 12V LCM Power



LCM POWER BYPASS



Don't stuff all component for 42"



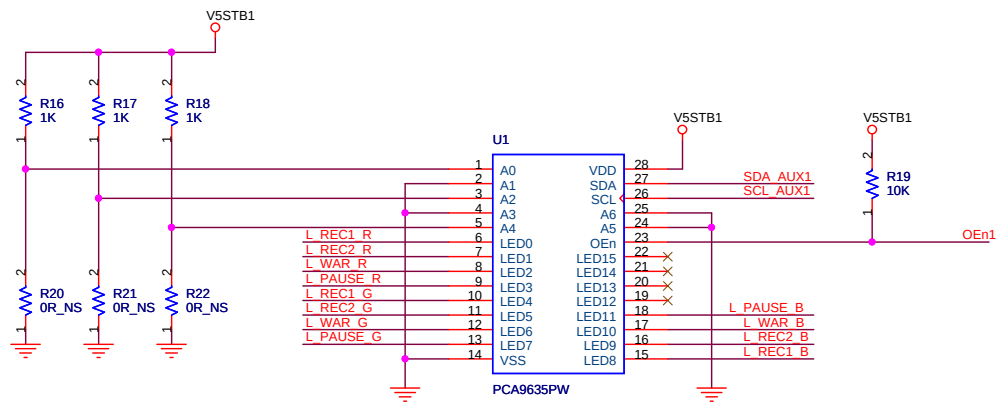
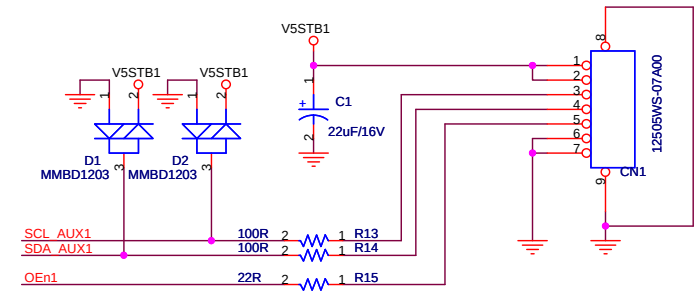
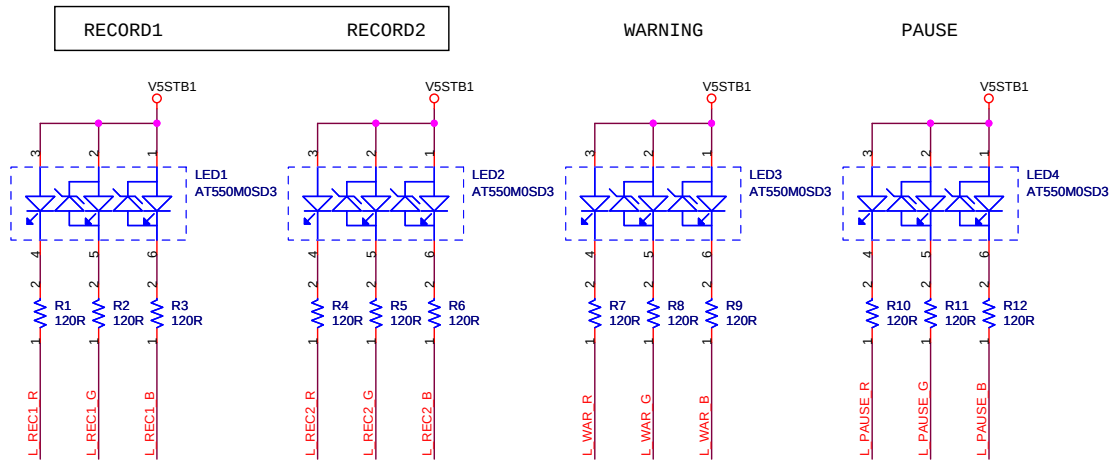
D&T, Inc.		
Title LB506		
Size B	Document Number Main Power	Rev R03A
Date: Monday, July 07, 2008	Sheet 13	of 13

MODEL : LB506 Status Indicator Board

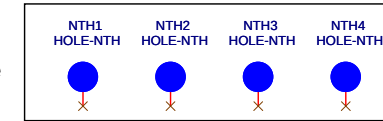
REVISION NO : R02

REV	DATE	HISTORY
R01	2007/10/15	1st Edition
R02	2008/01/24	2nd Edition LED Changed

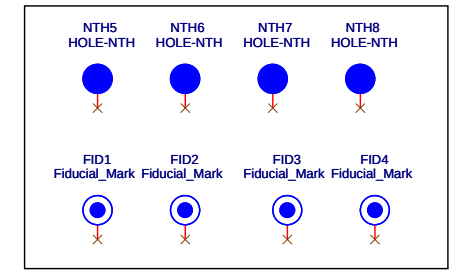
APPROVAL		
DESIGNER	PROJECT MANAGER	R&D DIRECTOR



Board Mount Hole

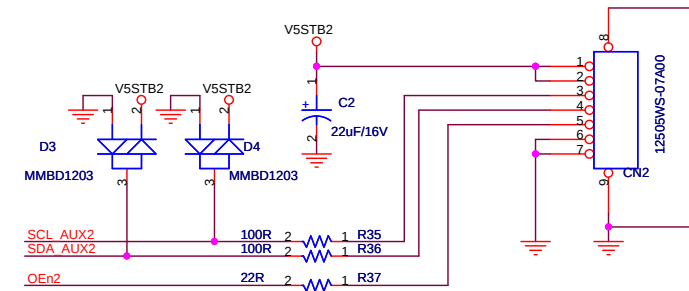
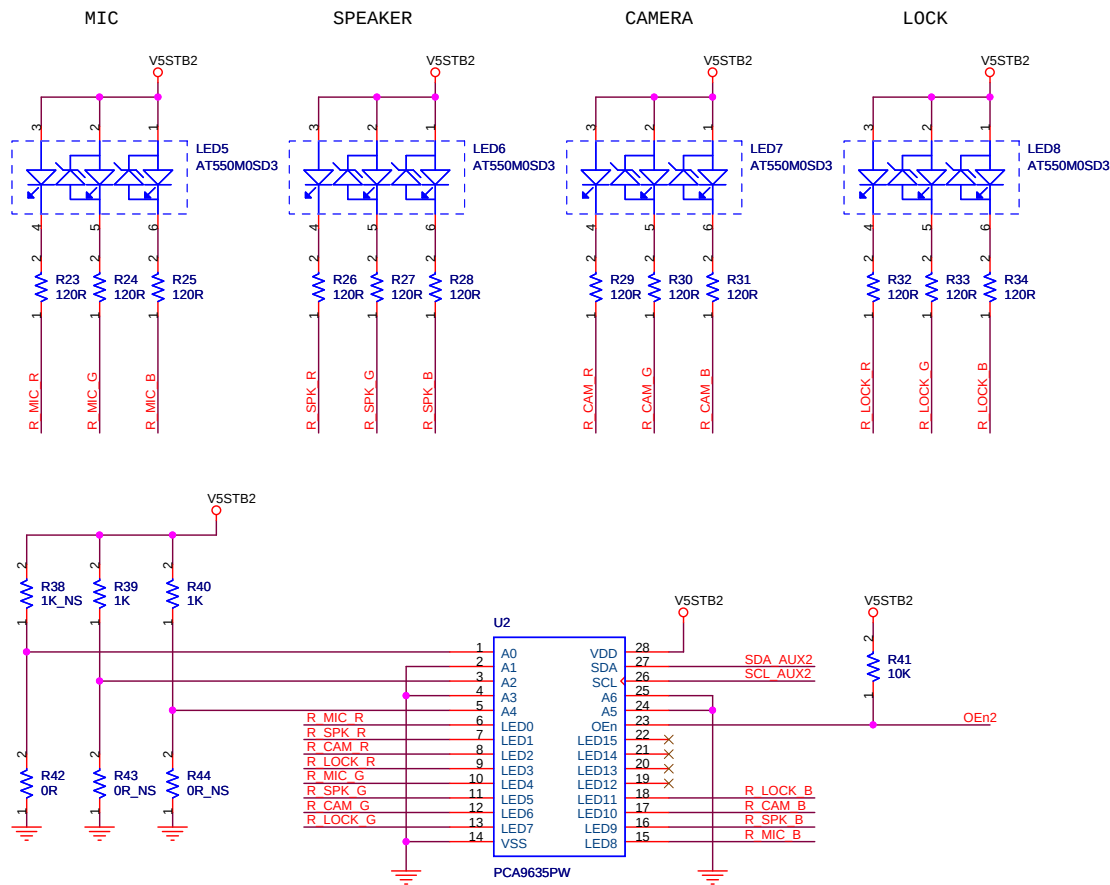


Guide dummy Hole & mark

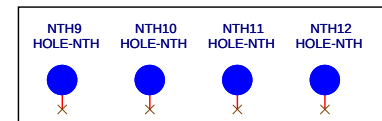


LB506 Status Indictor Board(LEFT) R02
PCB No : 3994220218BD

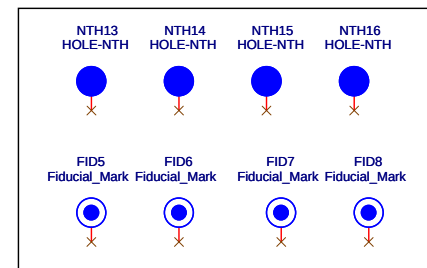
D&T, Inc.			
Title			
LB506			
Size	Document Number		Rev
B	Status Indicator Left		R02
Date:	Monday, February 04, 2008		Sheet 2 of 3



Board Mount Hole

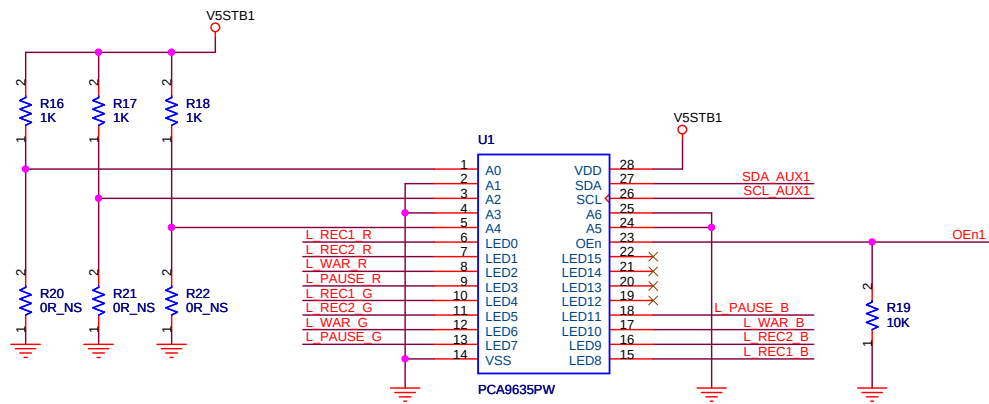
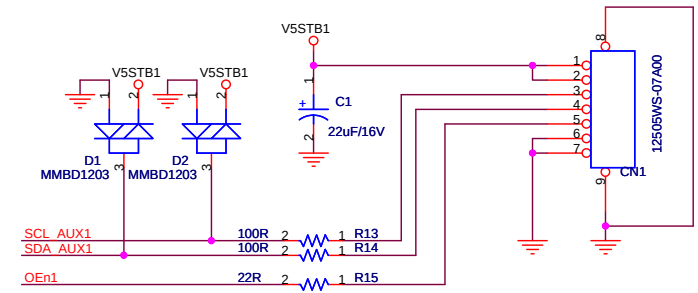
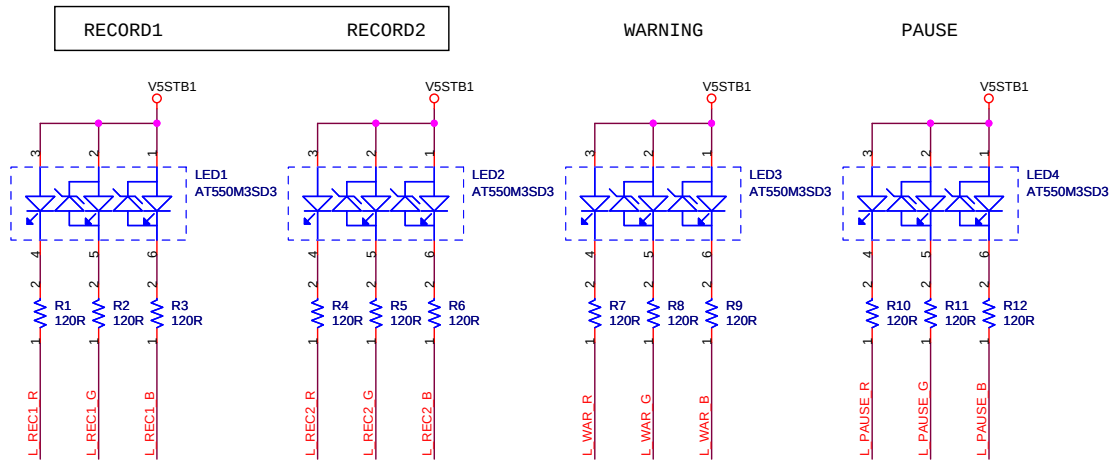


Guide dummy Hole & mark

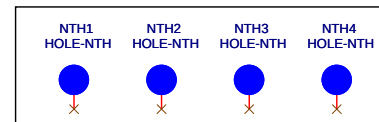


LB506 Status Indicator Board(RIGHT) R02
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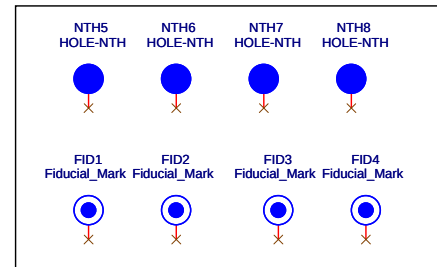
Title			LB506
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Custom	Status Indicator Right	R02	
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Board Mount Hole



Guide dummy Hole & mark



LB506 Status Indictor Board(LEFT) R03A
PCB No : 3994220318BD

D&T, Inc.			
Title			
LB506			
Size	Document Number		
B	Status Indicator Left		
Date:	Tuesday, May 27, 2008		
Sheet	2	of	3

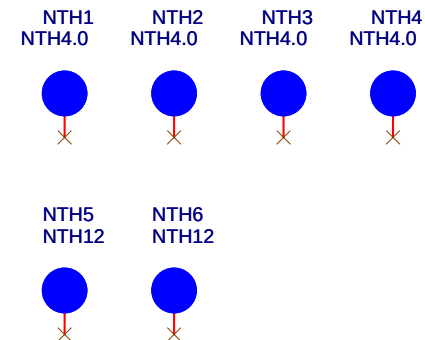
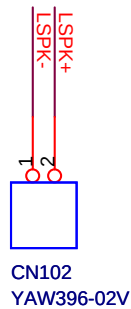
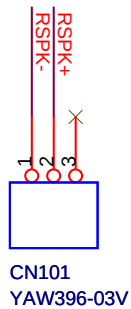
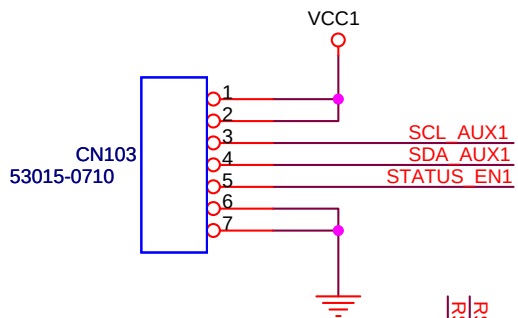
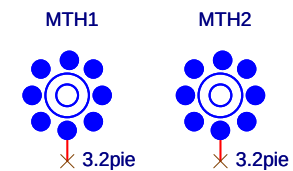
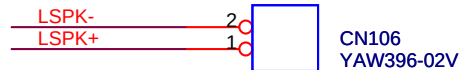
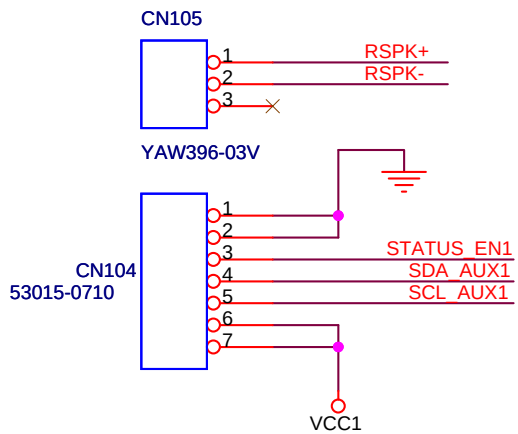
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MODEL : LB506 Status Indicator Board

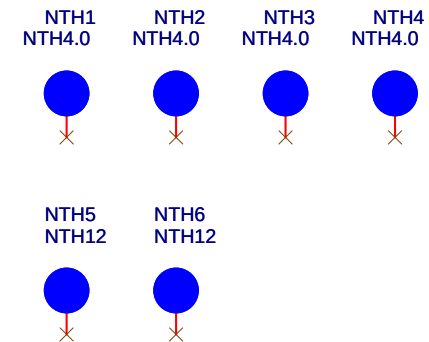
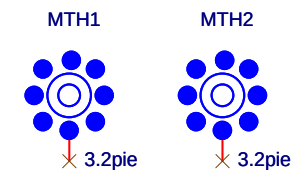
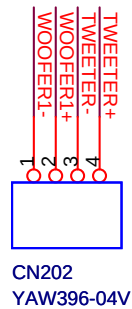
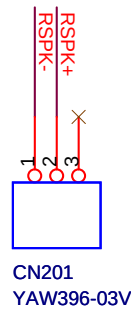
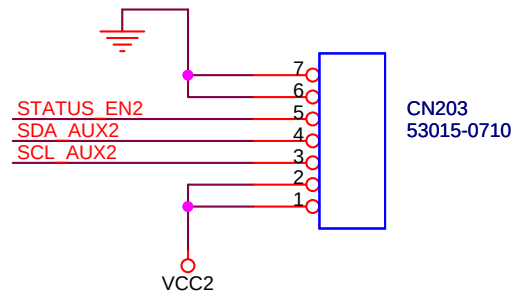
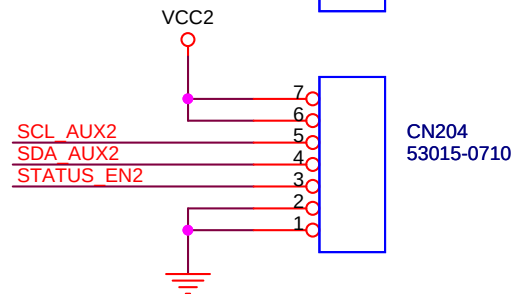
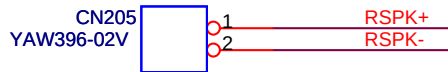
REVISION NO : R03A

REV	DATE	HISTORY
R01	2007/10/15	1st Edition
R02	2008/01/24	2nd Edition LED Changed

APPROVAL		
DESIGNER	PROJECT MANAGER	R&D DIRECTOR



Title			
LB506 EAGLE BRACKET BD (LEFT)			
Size	Document Number		Rev
A	Bracket Board		R01
Date:	Wednesday, May 28, 2008	Sheet	1 of 1



Title			
LB506 EAGLE BRACKET BD (RIGHT)			
Size A	Document Number Bracket Board		Rev R01
Date:	Wednesday, May 28, 2008	Sheet	1 of 1