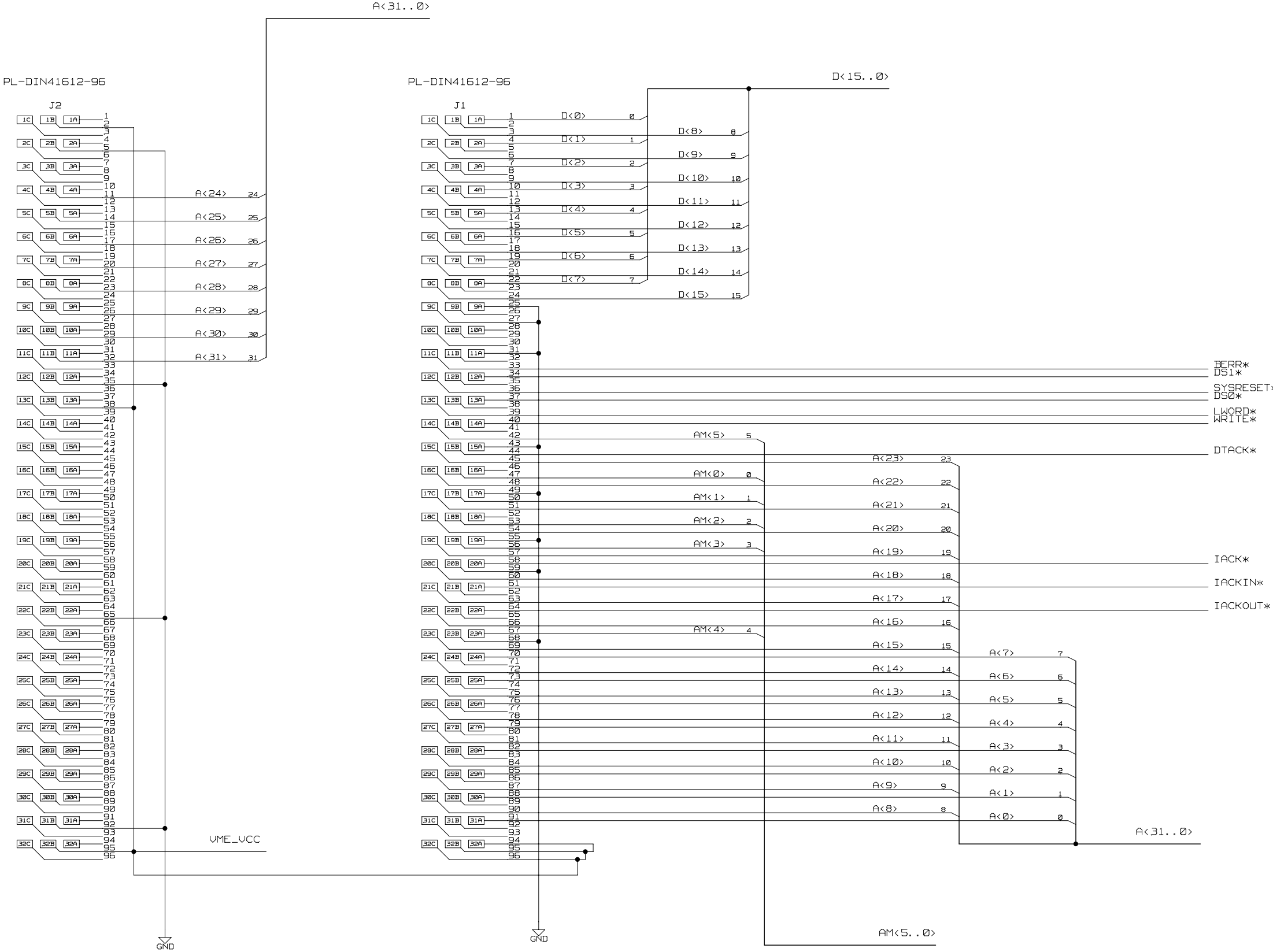
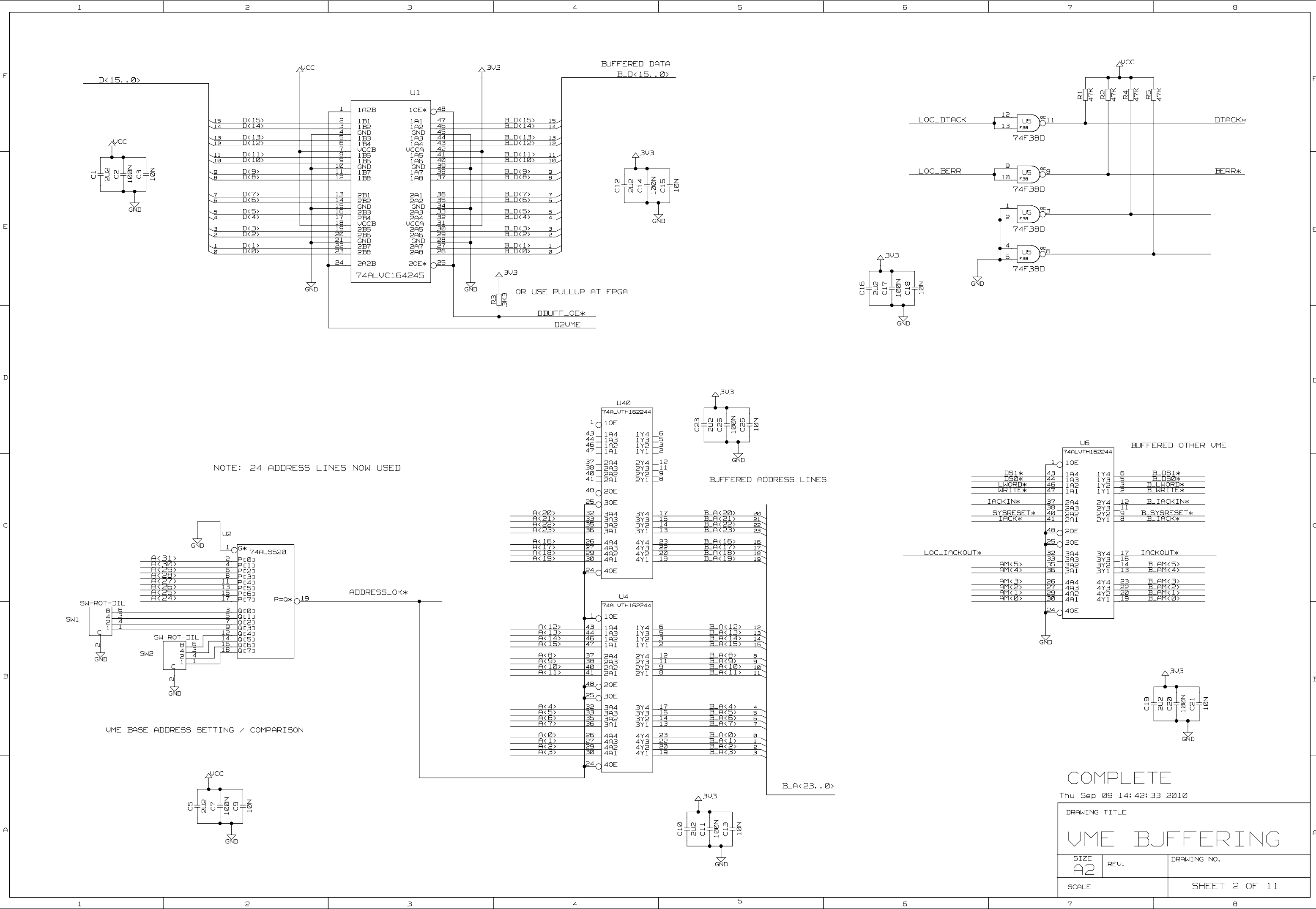


ALL SIGNALS GO TO PAGE 2



COMPLETE  
Thu Sep 09 14:34:25 2010

DRAWING TITLE		
UME CONNECTIONS		
SIZE A2	REV.	DRAWING NO.
SCALE		SHEET 1 OF 11



NOTE: 24 ADDRESS LINES NOW USED

COMPLETE

Thu Sep 09 14:42:33 2010

DRAWING TITLE

VME BUFFERING

SIZE  
A2

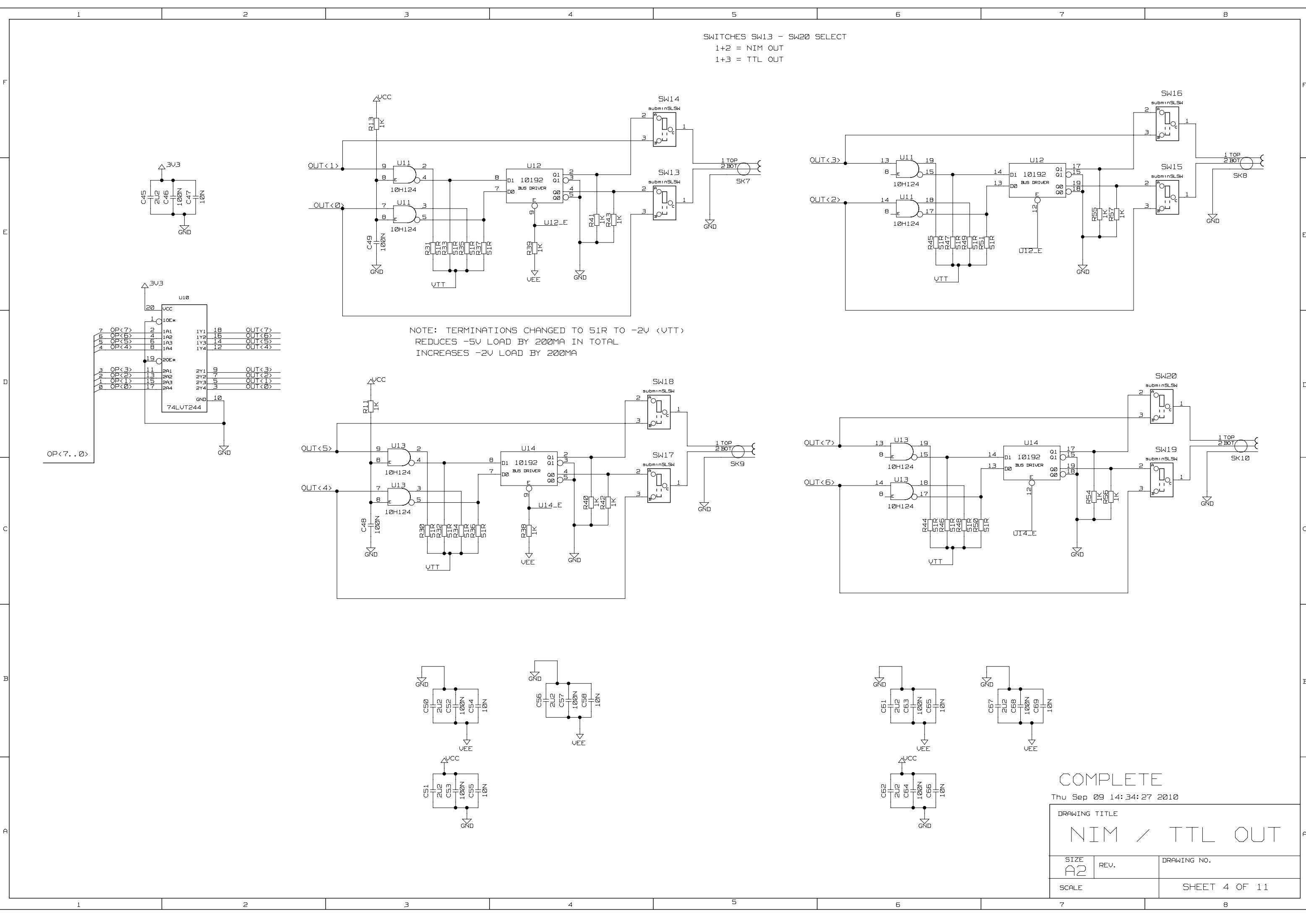
REV.

DRAWING NO.

SCALE

SHEET 2 OF 11





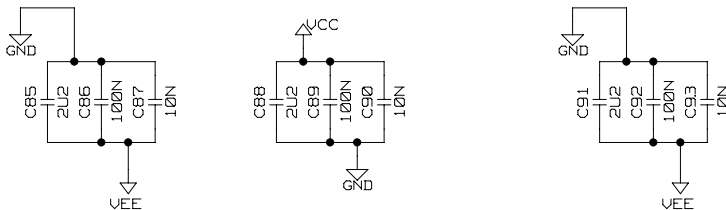
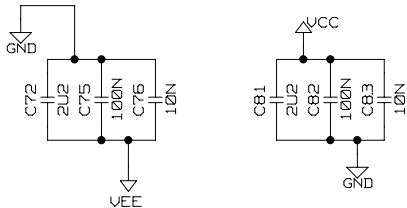
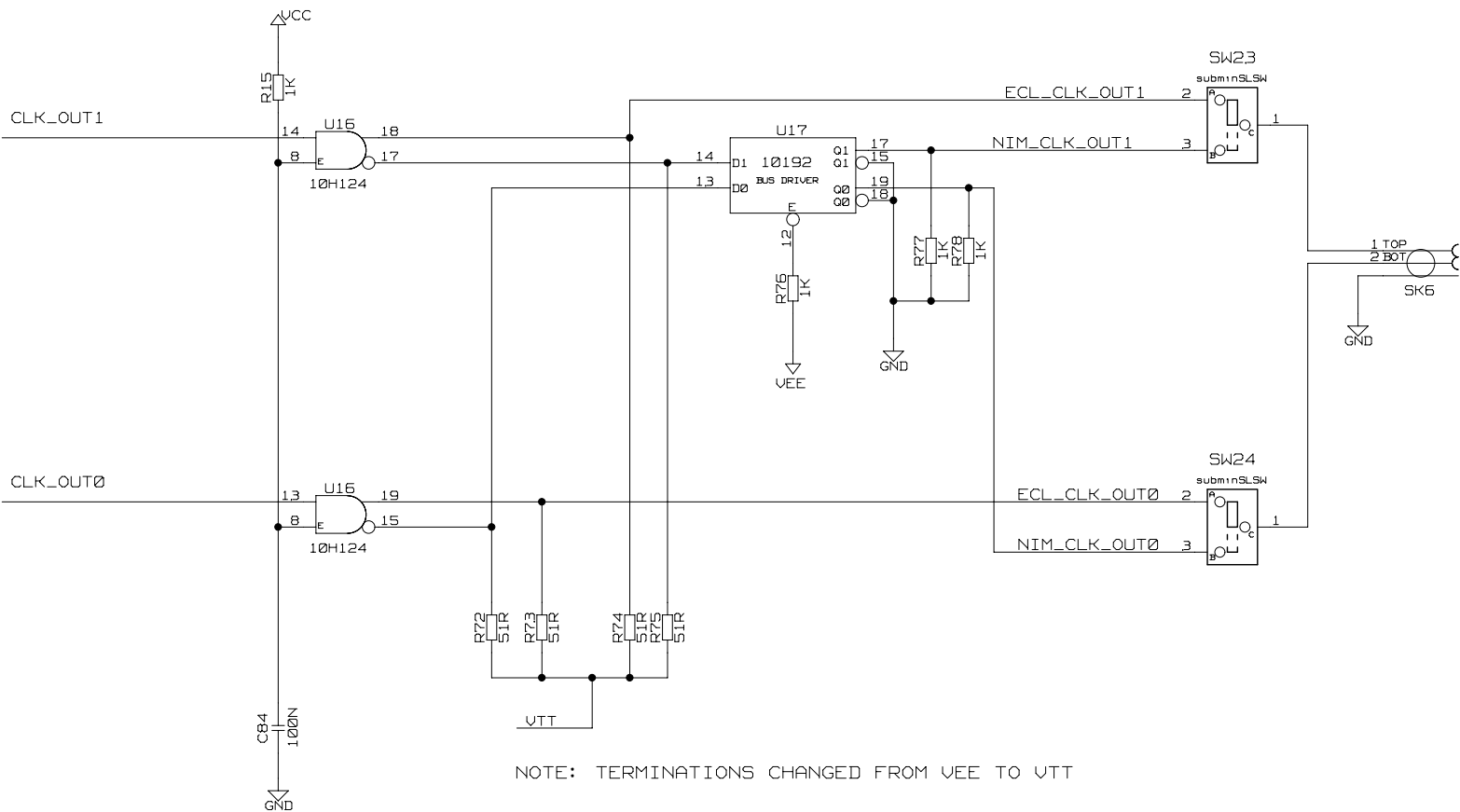
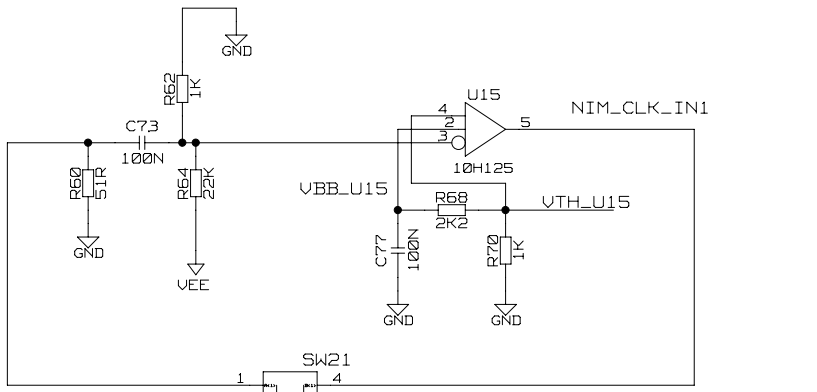
SWITCHES SW13 - SW20 SELECT  
1+2 = NIM OUT  
1+3 = TTL OUT

NOTE: TERMINATIONS CHANGED TO 51R TO -2V (VTT)  
REDUCES -5V LOAD BY 200MA IN TOTAL  
INCREASES -2V LOAD BY 200MA

COMPLETE		
Thu Sep 09 14:34:27 2010		
DRAWING TITLE		
NIM / TTL OUT		
SIZE	REV.	DRAWING NO.
A2		
SCALE	SHEET 4 OF 11	

NIM / ECL CLK IN SELECTION  
SW1,SW2 SELECT  
1+2 & 4+5 = NIM IN  
2+3 & 5+6 = ECL IN

NIM / ECL CLK OUT SELECTION  
SWITCHES SW19,SW20 SELECT  
1+2 = ECL OUT  
1+3 = NIM OUT

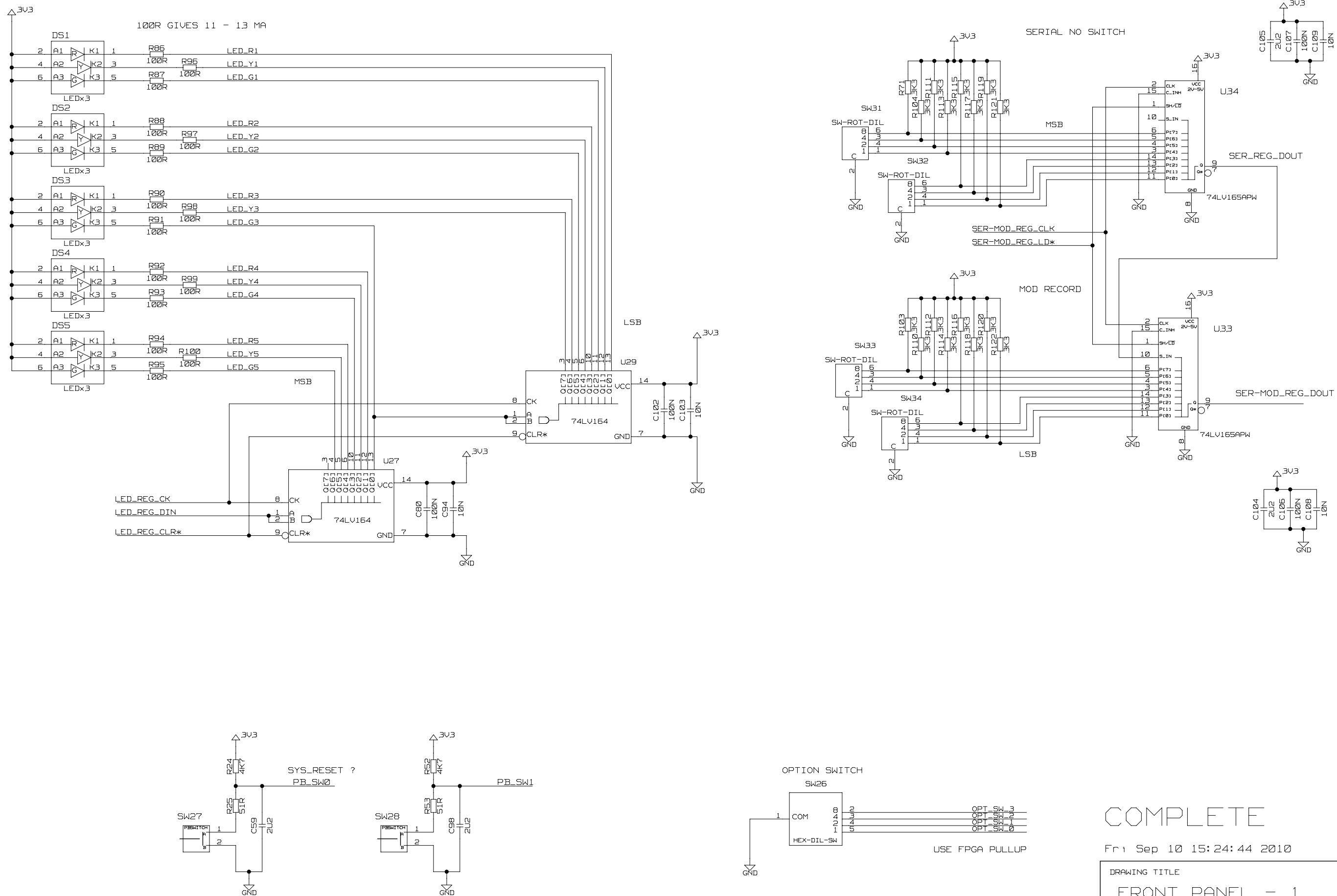


COMPLETE

Thu Sep 09 14:34:27 2010

DRAWING TITLE		
CLOCKS IN & OUT		
SIZE A2	REV.	DRAWING NO.
SCALE		SHEET 5 OF 11

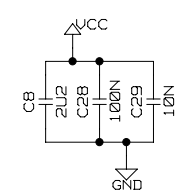
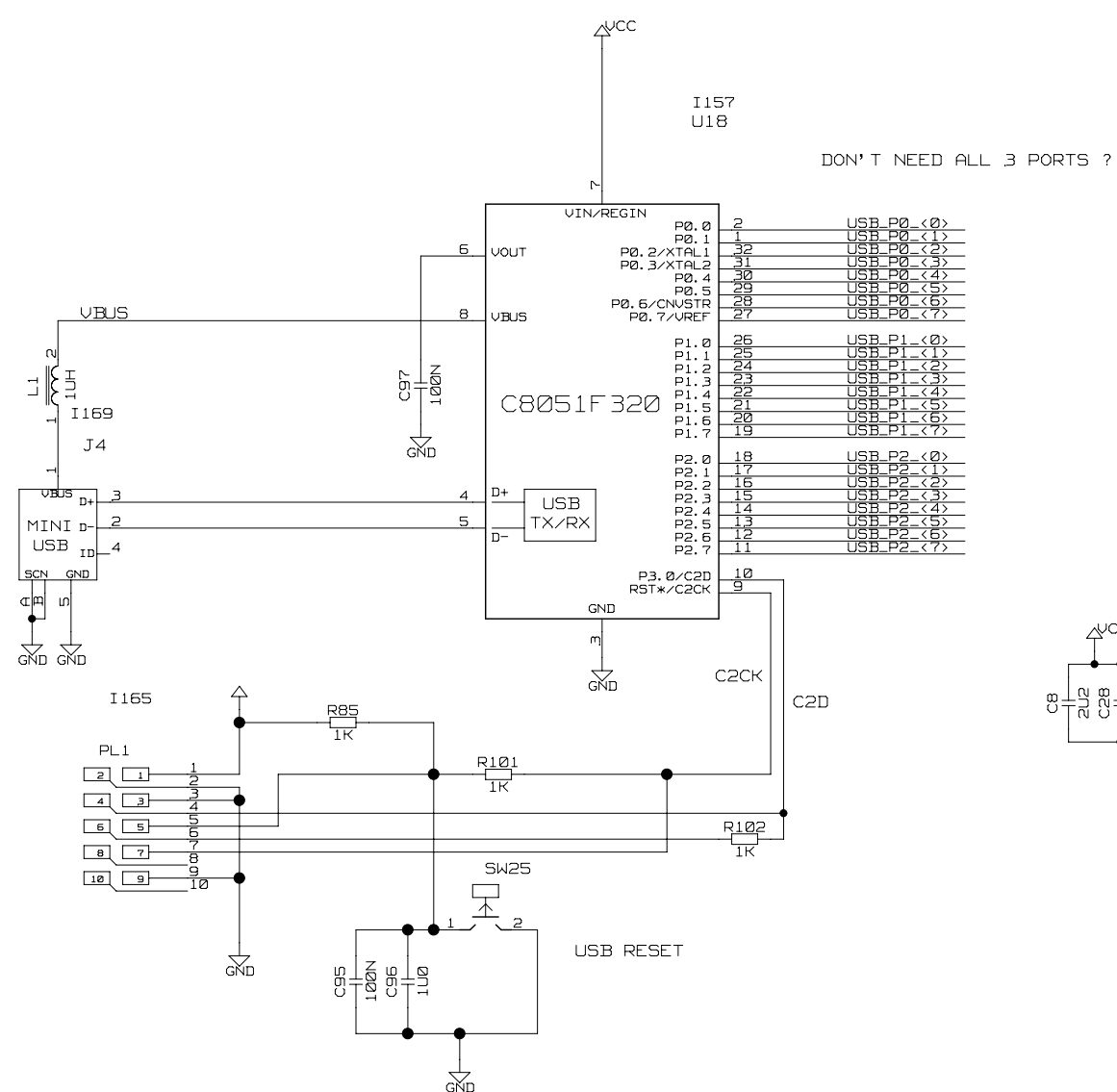
NOTE: THIS ARRANGEMENT EXPECTS LSB SHIFTED FIRST



COMPLETE

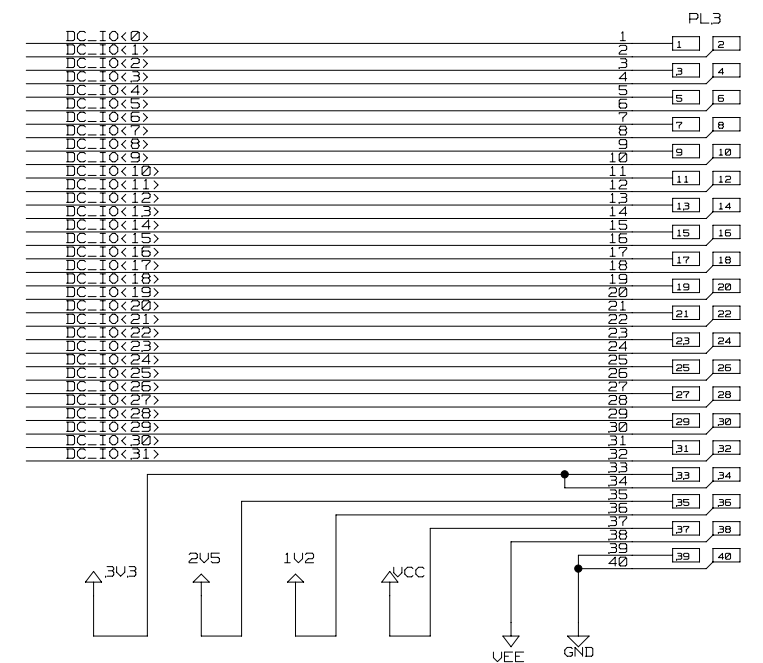
Fri Sep 10 15:24:44 2010

DRAWING TITLE		
FRONT PANEL - 1		
SIZE	REV.	DRAWING NO.
A2		
SCALE		SHEET 6 OF 11

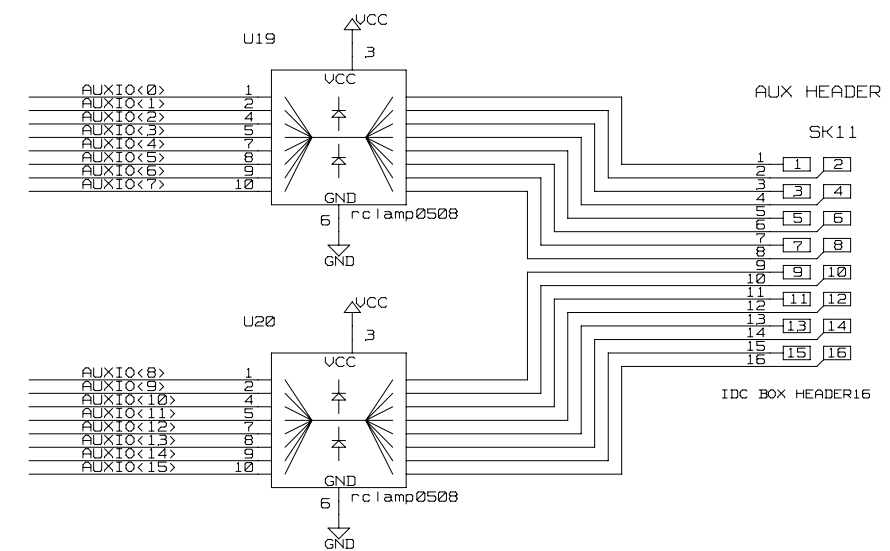


THIS IS A 40 PIN DIL HEADER  
SUITABLE FOR A RIBBON CABLE CONNECTOR  
OR STRIAIGHT TO A DAUGHTER CARD

DAUGHTER CARD I/O



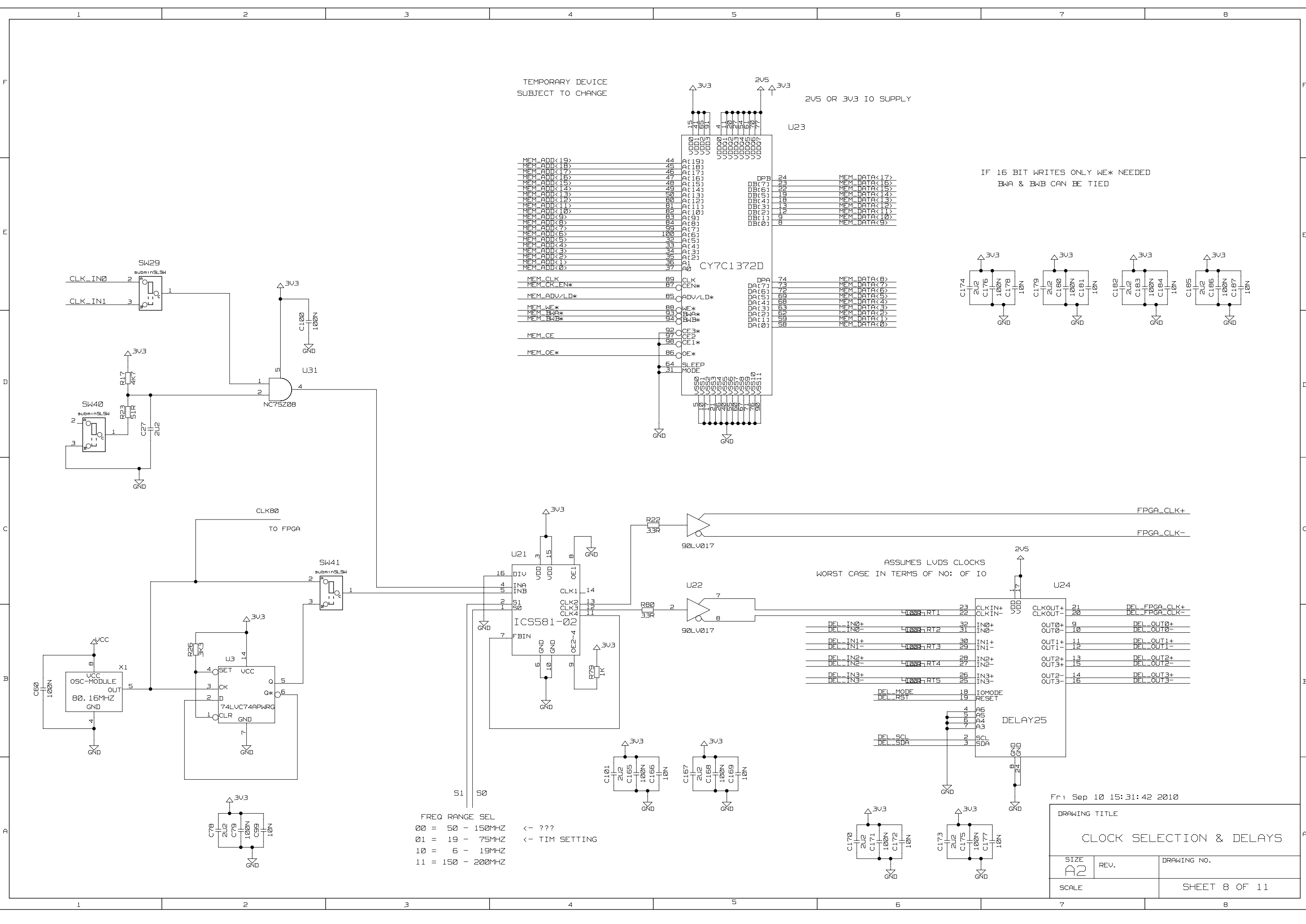
UNBUFFERED IO ?



COMPLETE

Thu Sep 09 14:34:28 2010

DRAWING TITLE		
FRONT PANEL - 2		
SIZE A2	REV.	DRAWING NO.
SCALE	SHEET 7 OF 11	



TEMPORARY DEVICE  
SUBJECT TO CHANGE

2V5 OR 3V3 IO SUPPLY

IF 16 BIT WRITES ONLY WE\* NEEDED  
BWA & BWB CAN BE TIED

ASSUMES LVDS CLOCKS  
WORST CASE IN TERMS OF NO: OF IO

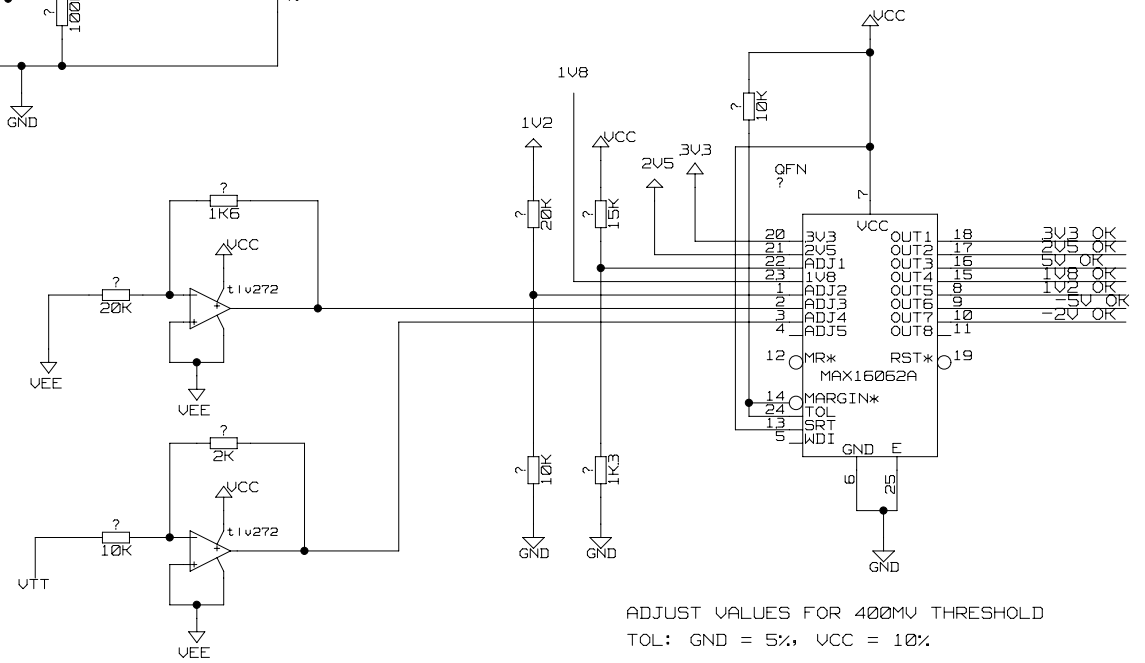
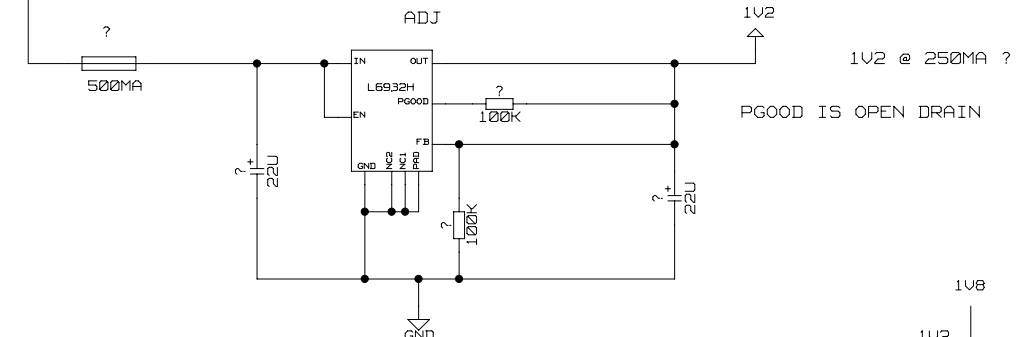
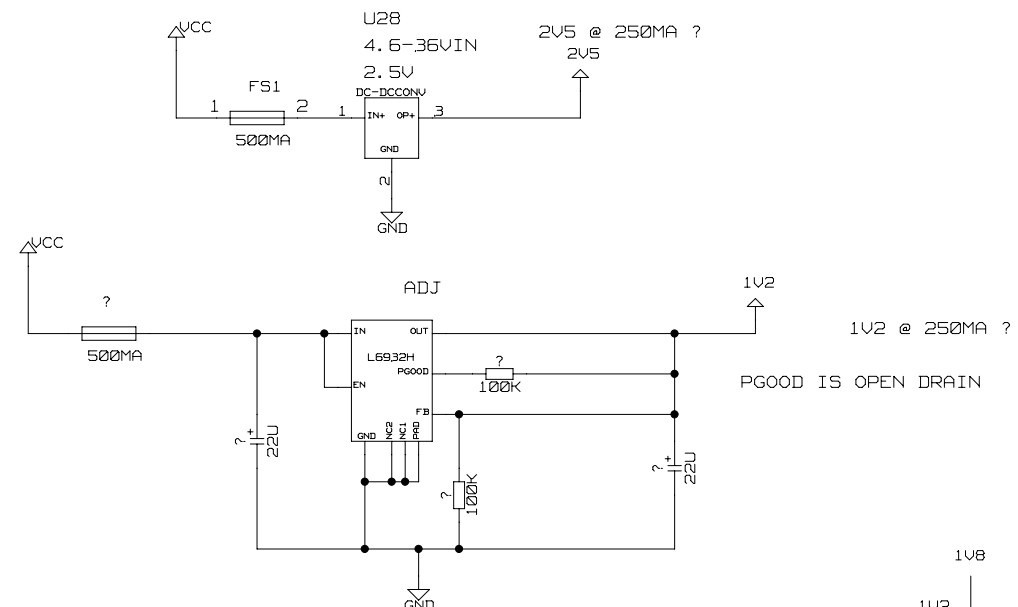
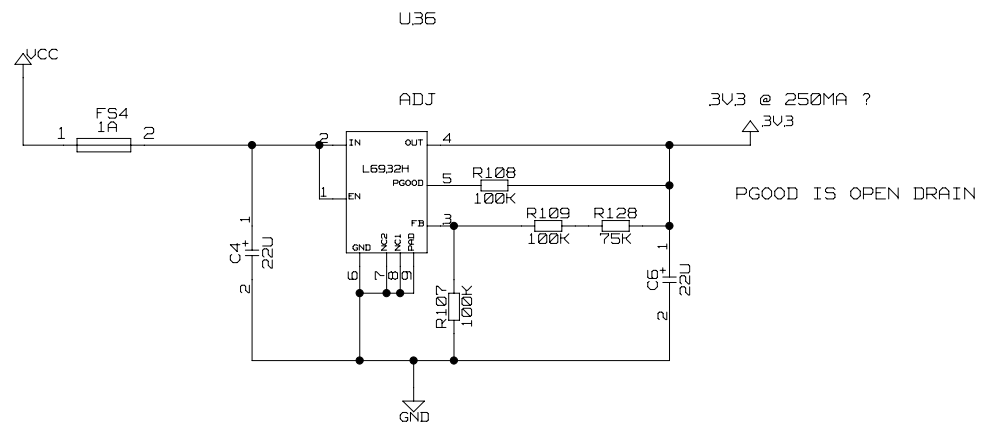
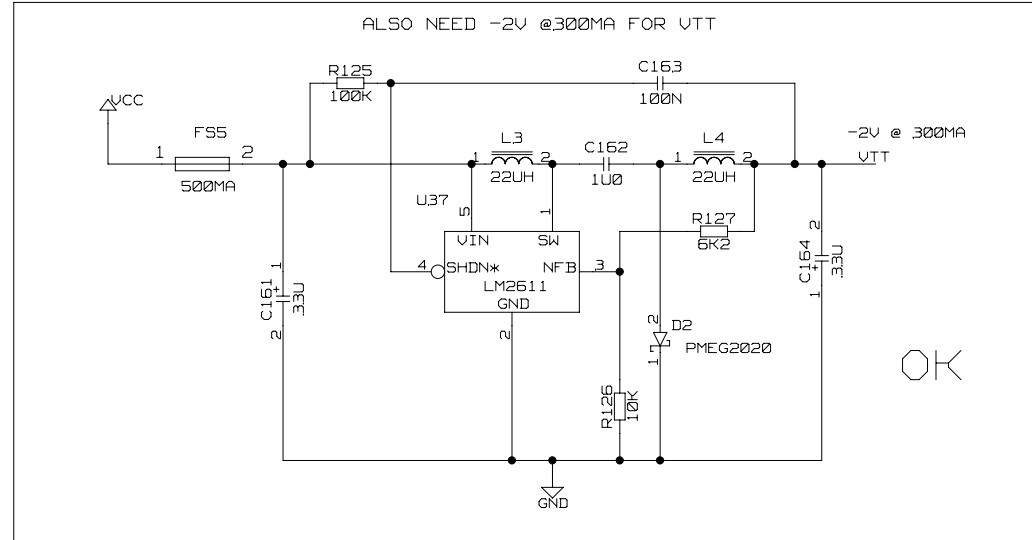
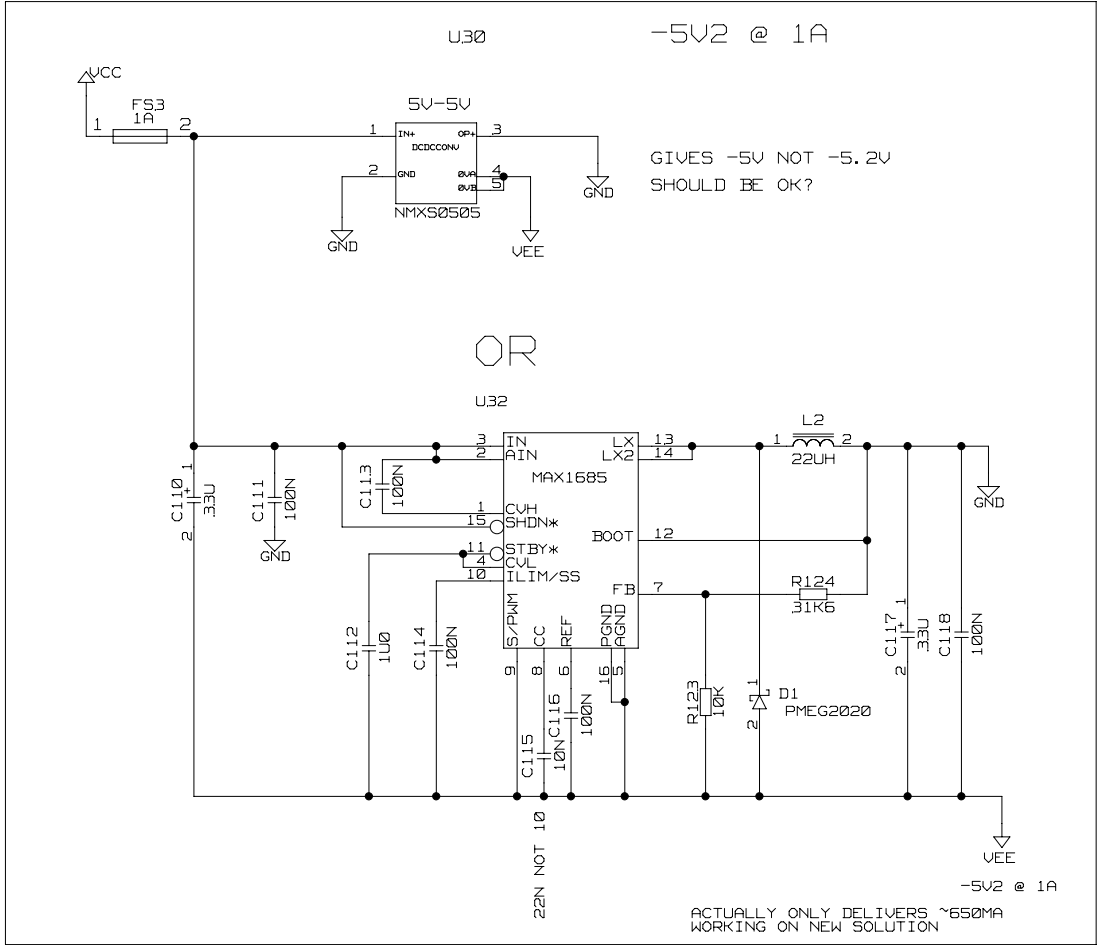
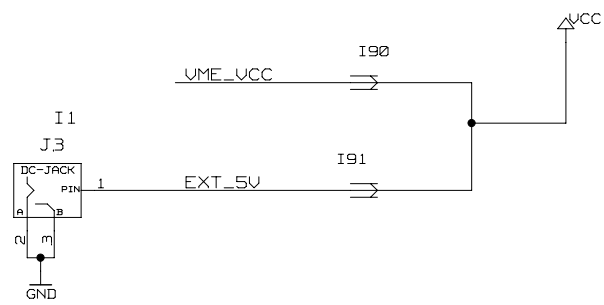
FREQ RANGE SEL  
00 = 50 - 150MHZ <- ???  
01 = 19 - 75MHZ <- TIM SETTING  
10 = 6 - 19MHZ  
11 = 150 - 200MHZ

Fri Sep 10 15:31:42 2010		
DRAWING TITLE		
CLOCK SELECTION & DELAYS		
SIZE A2	REV.	DRAWING NO.
SCALE		SHEET 8 OF 11









Fri Sep 10 14:37:21 2010		
DRAWING TITLE		
POWER		
SIZE	REV.	DRAWING NO.
A2		
SCALE	SHEET 11 OF 11	