

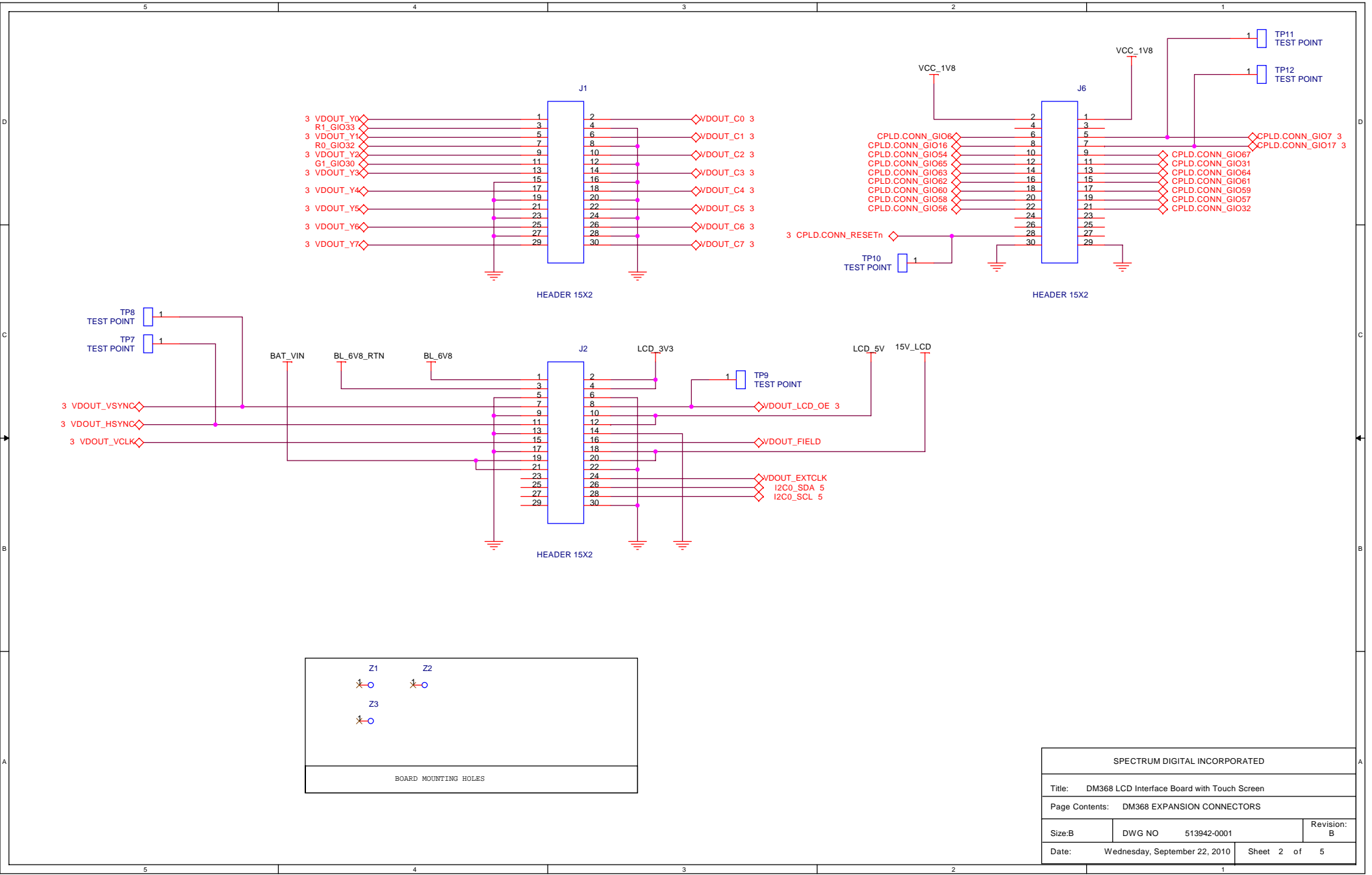
Schematic Contents

- 01 - TITLE PAGE
- 02- DM368 EXPANSION CONNECTORS
- 03 - LCD PIN MAPPING
- 04 - LCD INTERFACE
- 05 - TOUCH INTERFACE

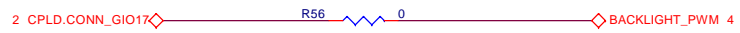
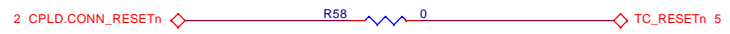
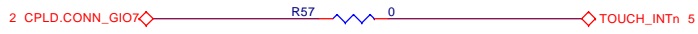
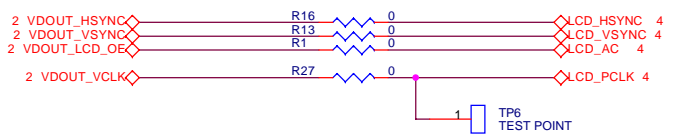
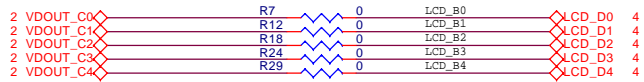
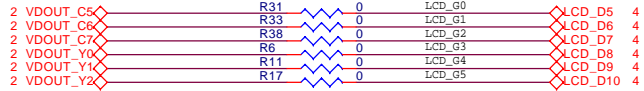
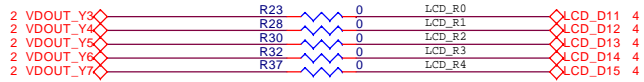
REVISION STATUS OF SHEETS

REV	5	4	3	2	1	DATE	DESCRIPTION
REV						DATE	
SH						DATE	
REV						DATE	
SH						DATE	
REV	A	A	A	A	A	DATE	
SH	1	2	3	4	5	DATE	

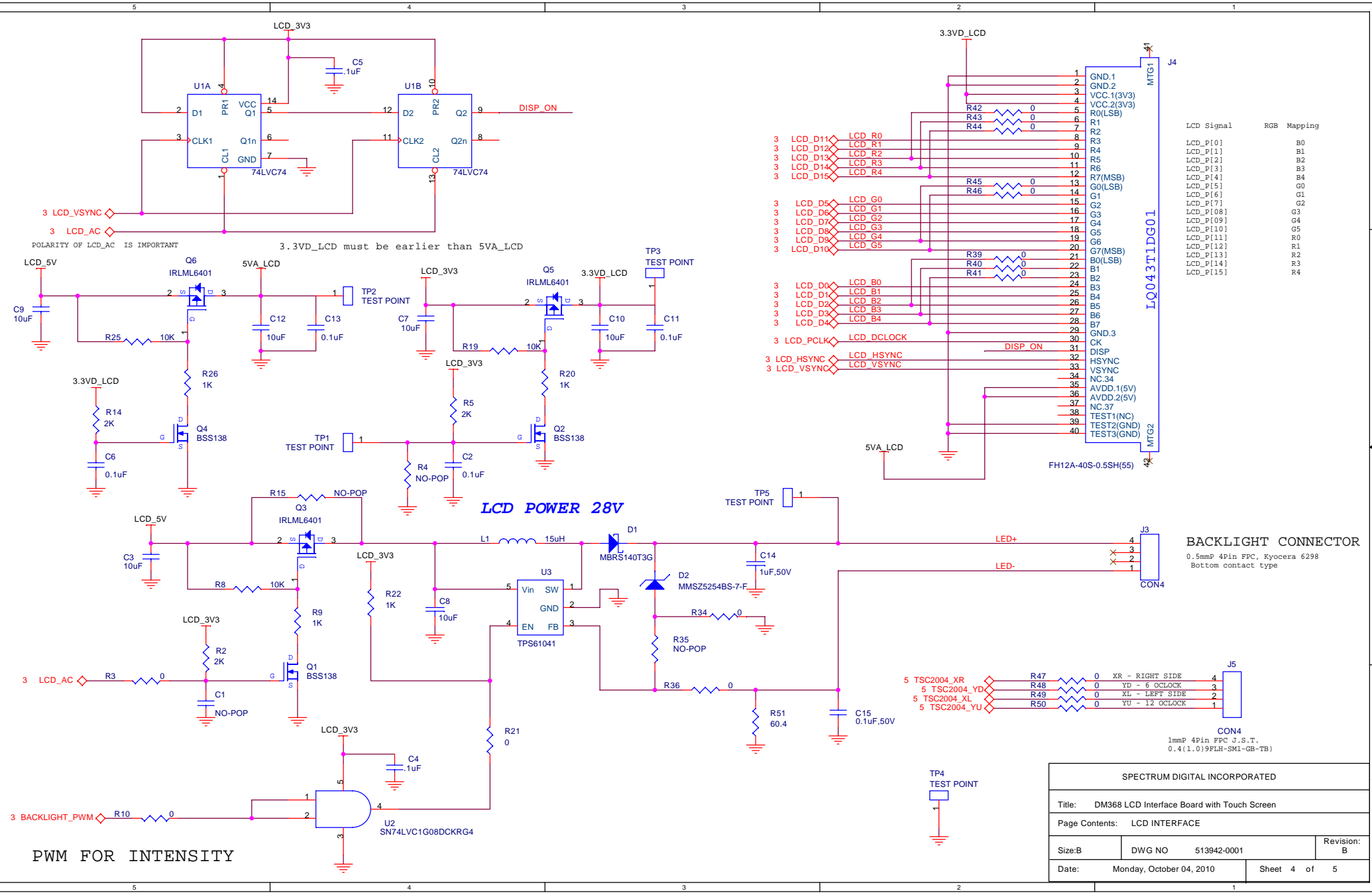
SPECTRUM DIGITAL INCORPORATED			
Title: DM368 LCD Interface Board with Touch Screen			
Page Contents: TITLE PAGE			
Size: B	DWG NO	513942-0001	Revision: B
Date:	Wednesday, September 22, 2010		Sheet 1 of 5



SPECTRUM DIGITAL INCORPORATED			
Title: DM368 LCD Interface Board with Touch Screen			
Page Contents: DM368 EXPANSION CONNECTORS			
Size: B	DWG NO: 513942-0001	Revision: B	
Date: Wednesday, September 22, 2010	Sheet 2 of 5		



SPECTRUM DIGITAL INCORPORATED			
Title: DM368 LCD Interface Board with Touch Screen			
Page Contents: PIN MAPPING			
Size: B	DWG NO	513942-0001	Revision: A
Date:	Thursday, September 23, 2010	Sheet 3 of	5



POLARITY OF LCD_AC IS IMPORTANT

3.3VD_LCD must be earlier than 5VA_LCD

LCD POWER 28V

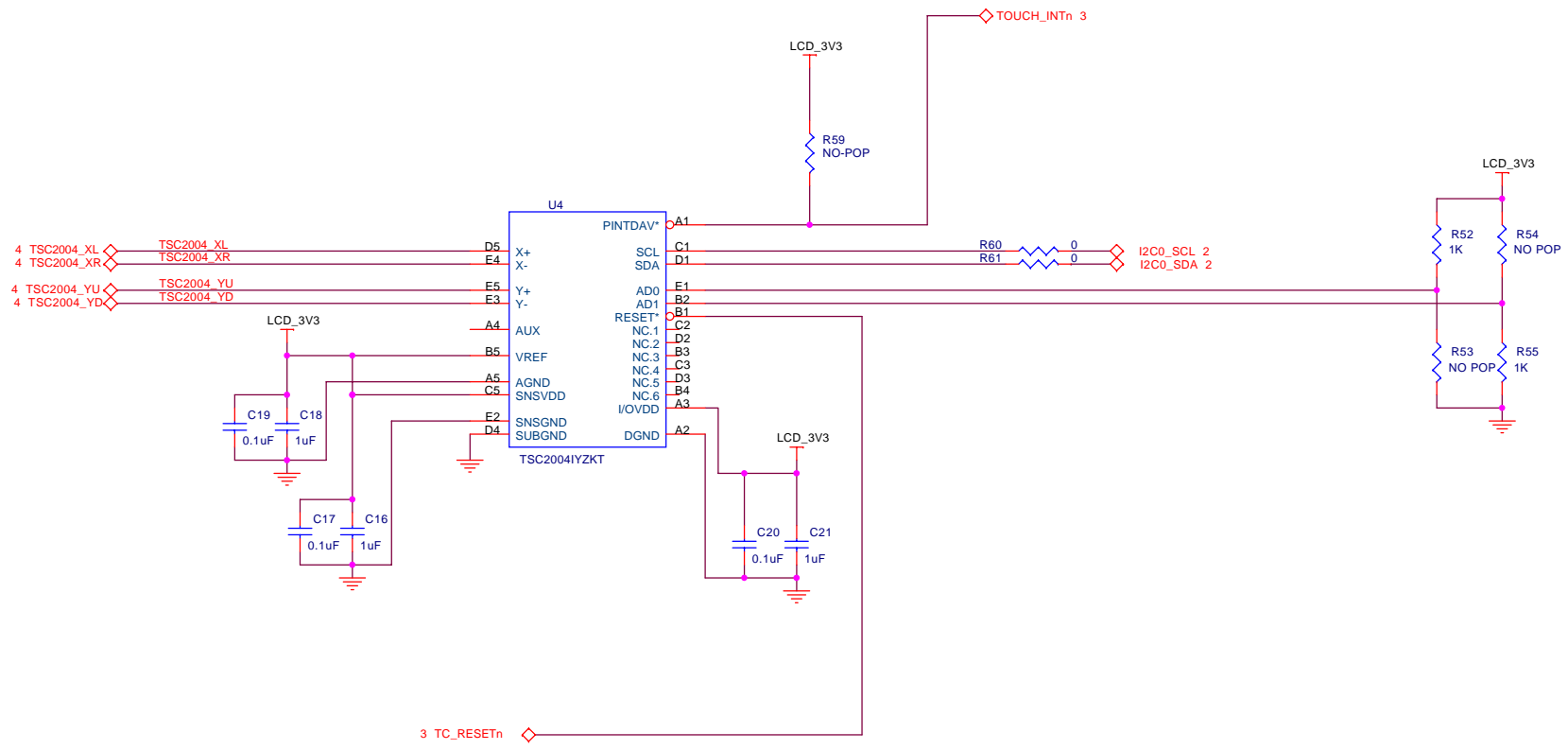
PWM FOR INTENSITY

LCD Signal	RGB Mapping
LCD_P[0]	B0
LCD_P[1]	B1
LCD_P[2]	B2
LCD_P[3]	B3
LCD_P[4]	B4
LCD_P[5]	G0
LCD_P[6]	G1
LCD_P[7]	G2
LCD_P[8]	G3
LCD_P[9]	G4
LCD_P[10]	G5
LCD_P[11]	R0
LCD_P[12]	R1
LCD_P[13]	R2
LCD_P[14]	R3
LCD_P[15]	R4

BACKLIGHT CONNECTOR
0.5mmP 4Pin FPC, Kyocera 6298
Bottom contact type

CON4
1mmP 4Pin FPC J.S.T.
0.4(1.0)9FLH-SM1-GB-TB

SPECTRUM DIGITAL INCORPORATED			
Title: DM368 LCD Interface Board with Touch Screen			
Page Contents: LCD INTERFACE			
Size: B	DWG NO: 513942-0001	Revision: B	
Date: Monday, October 04, 2010	Sheet 4 of 5		



SPECTRUM DIGITAL INCORPORATED			
Title: DM368 LCD Interface Board with Touch Screen			
Page Contents: TOUCH INTERFACE			
Size: B	DWG NO	513942-0001	Revision: A
Date:	Wednesday, September 22, 2010		Sheet 5 of 5