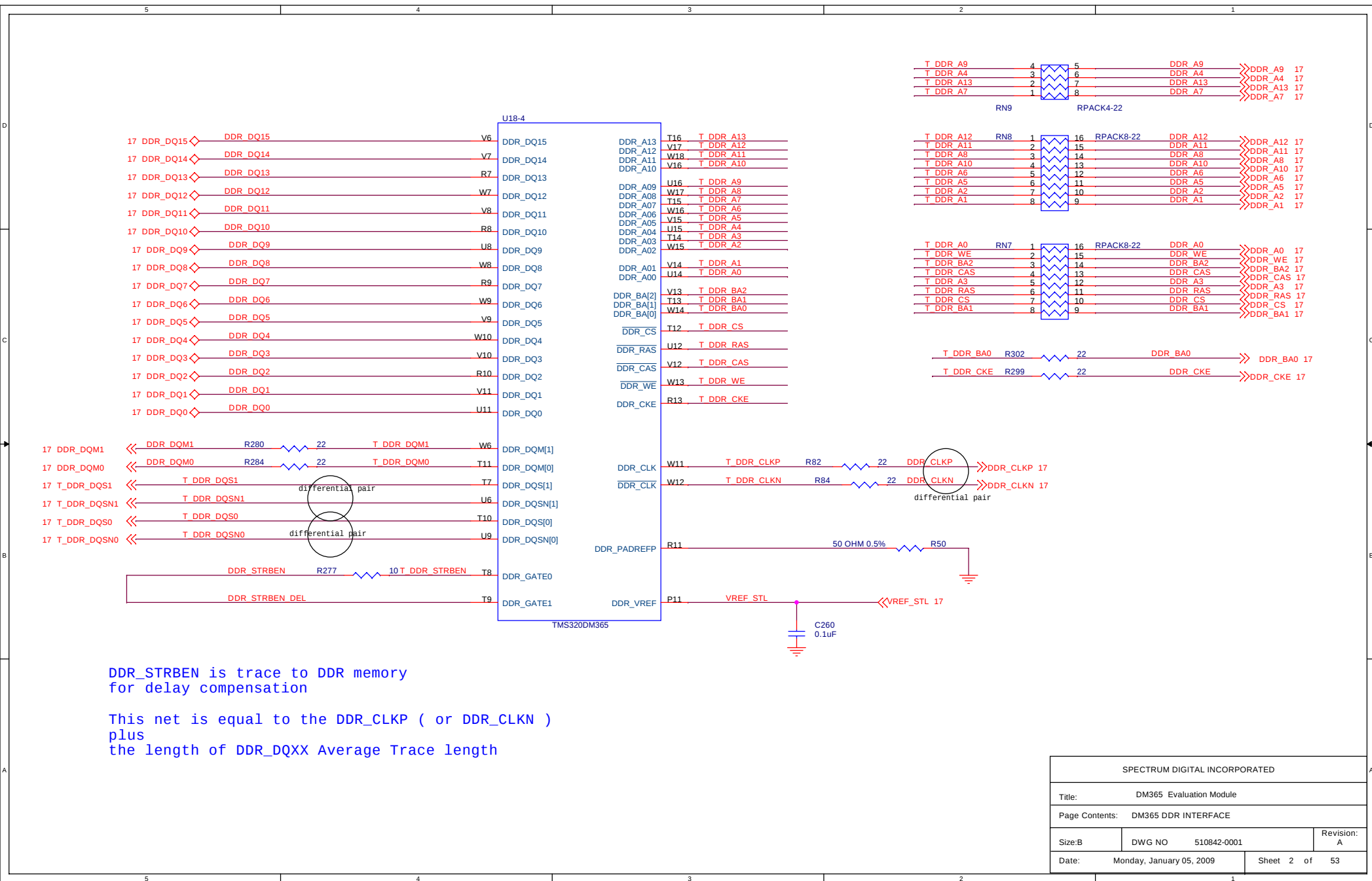
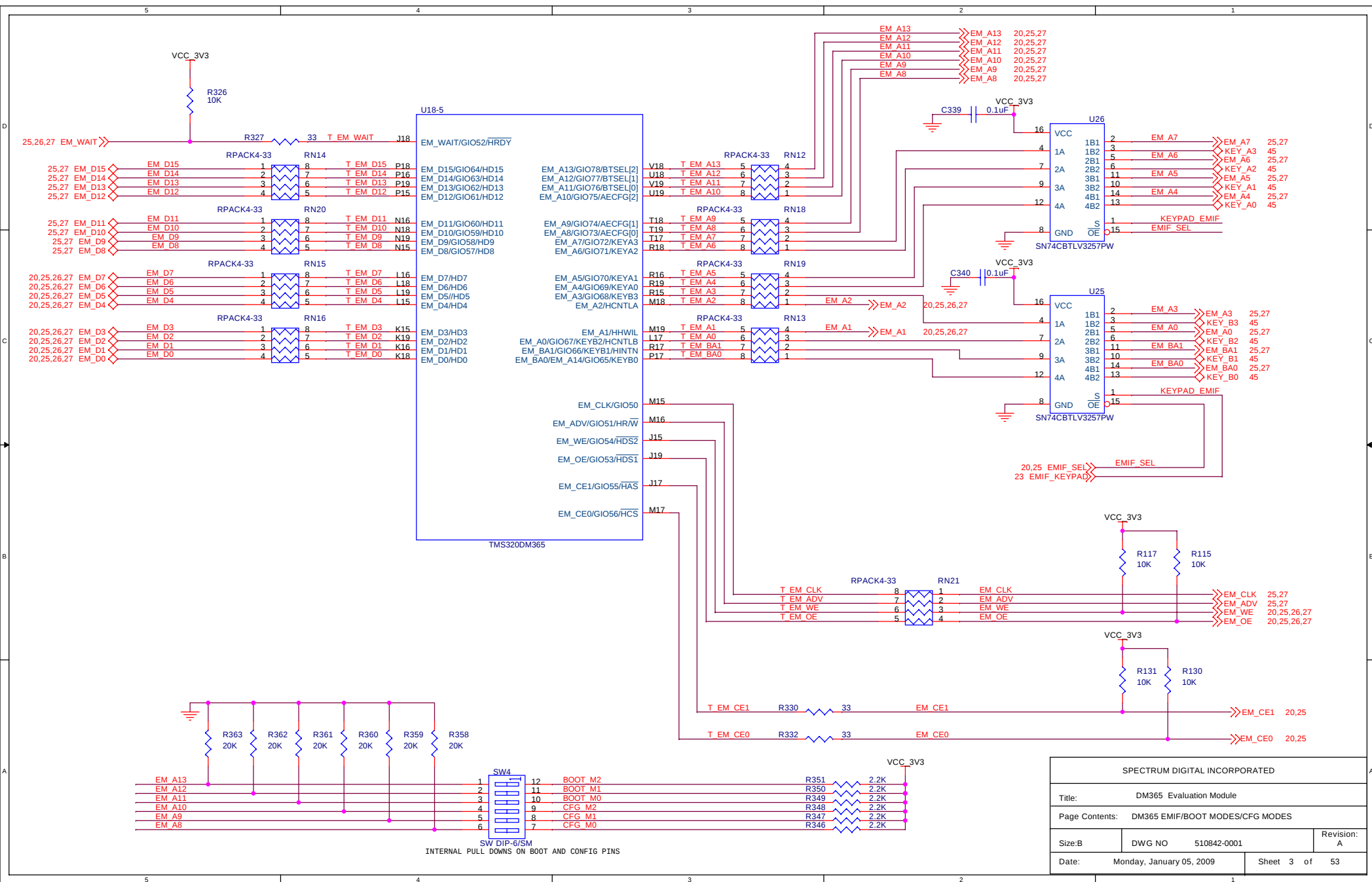
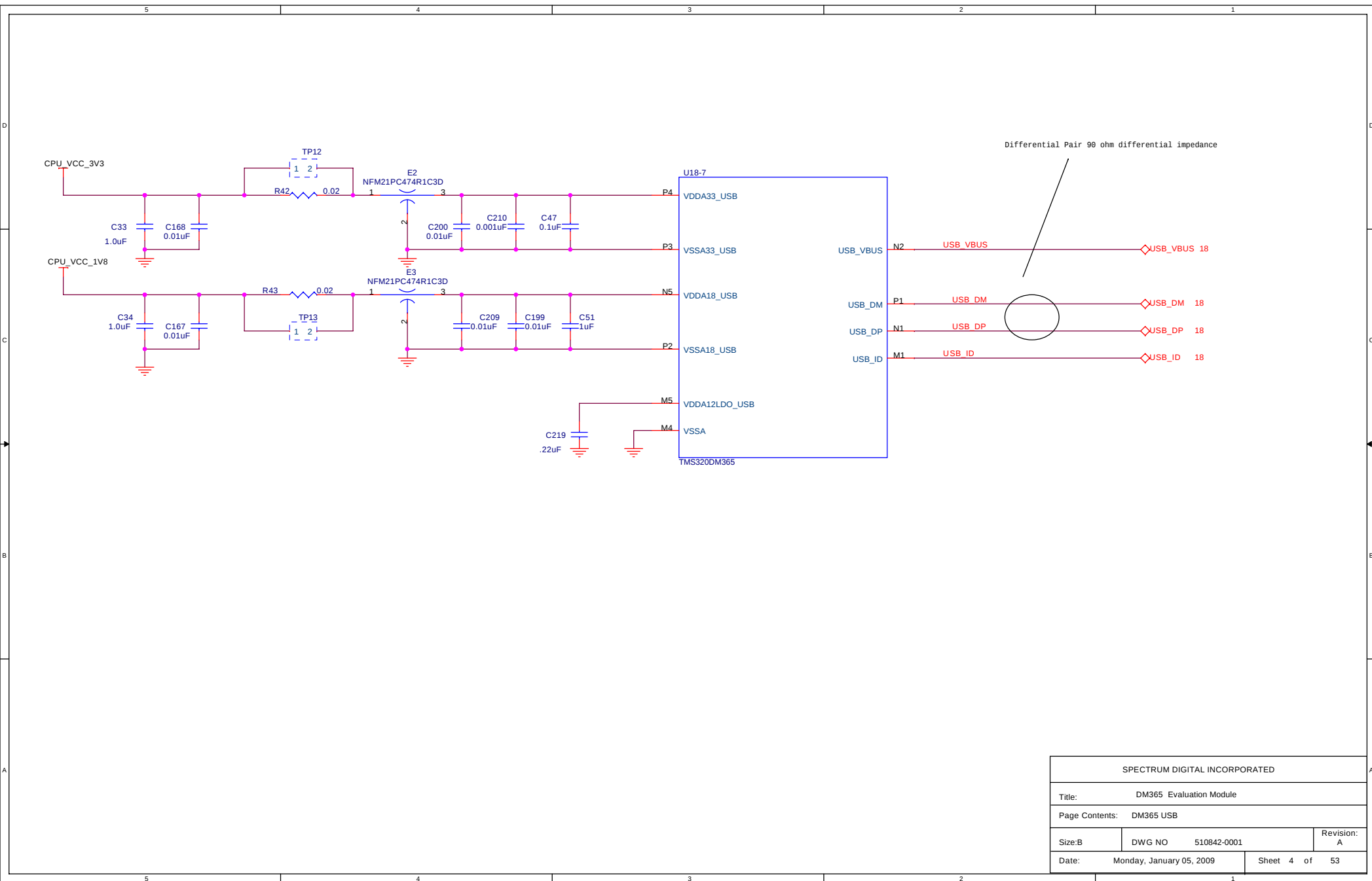
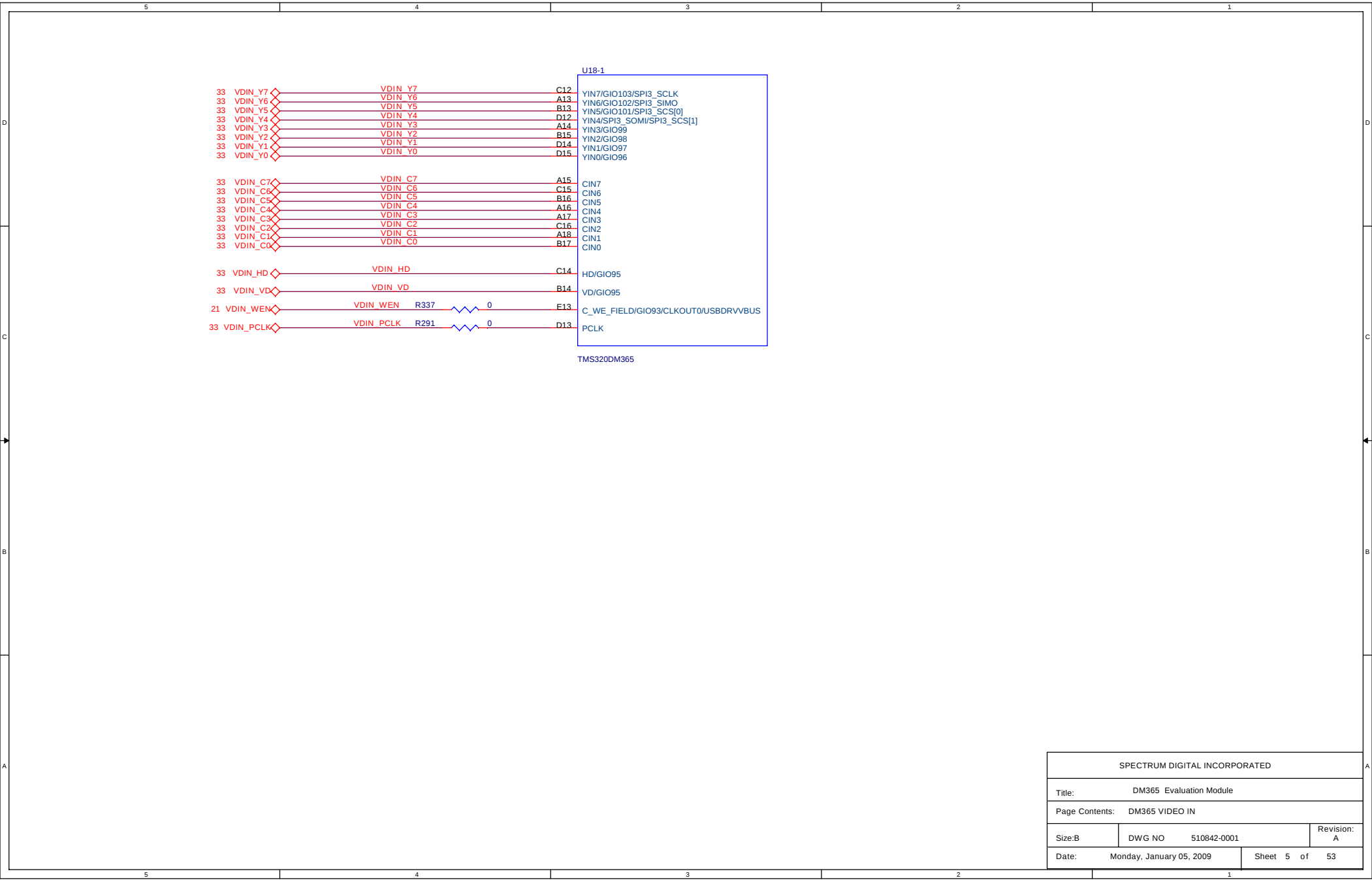


[illegible]

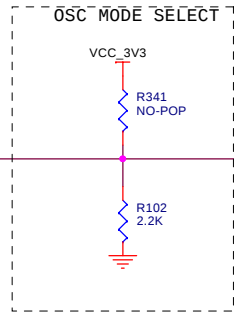
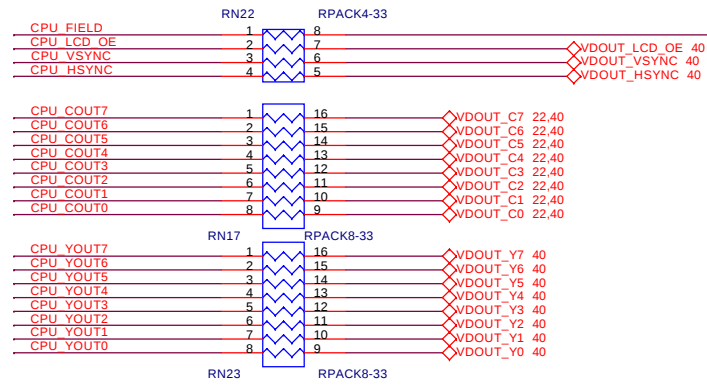
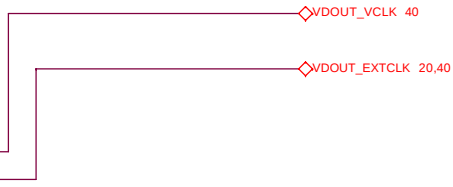
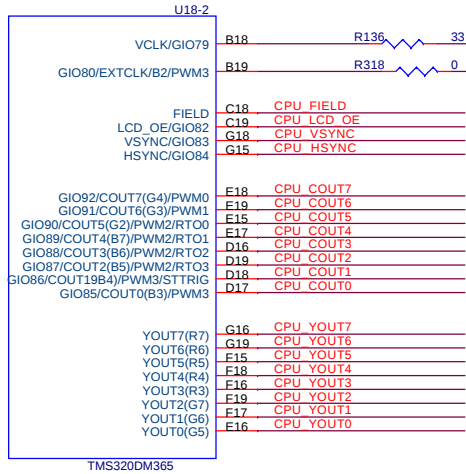




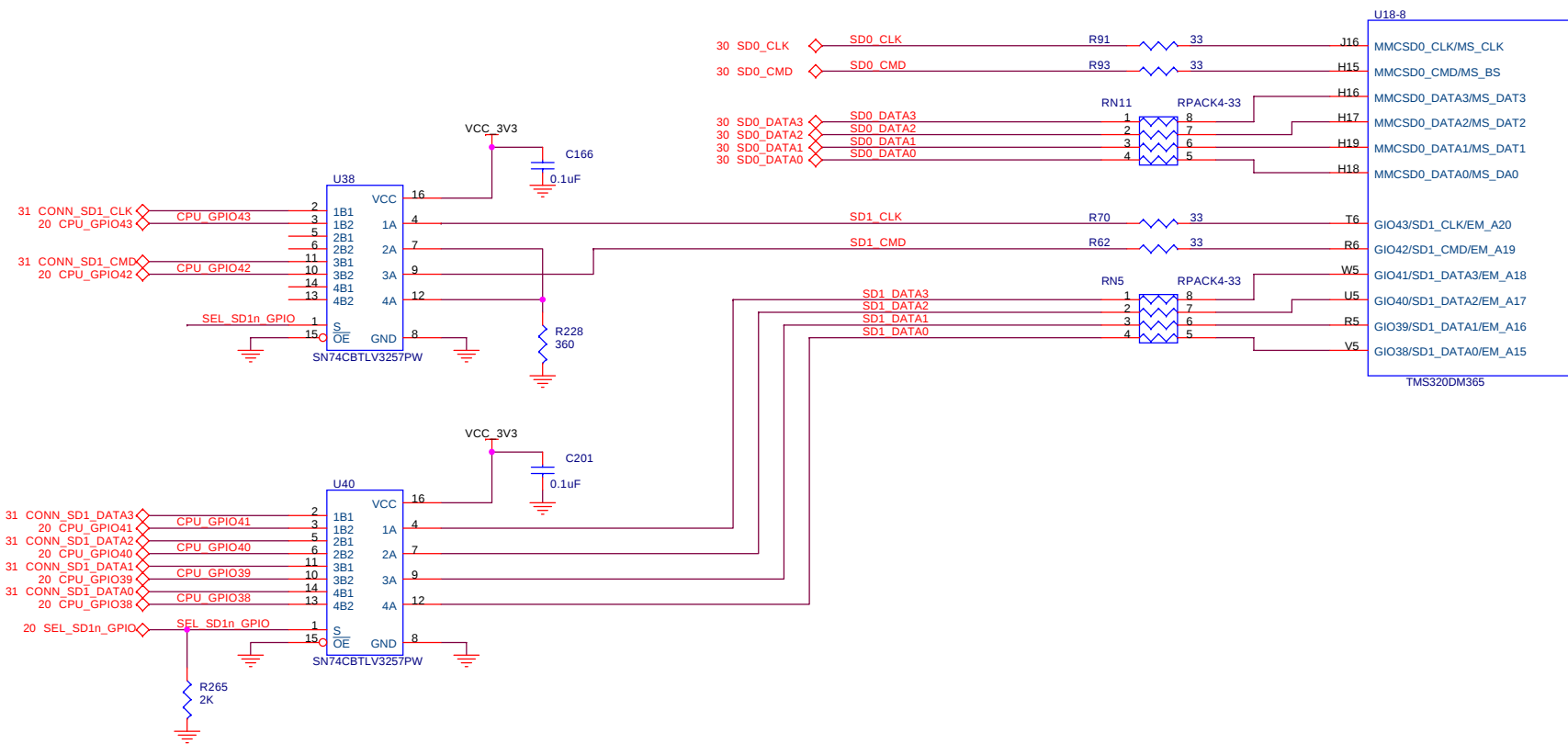




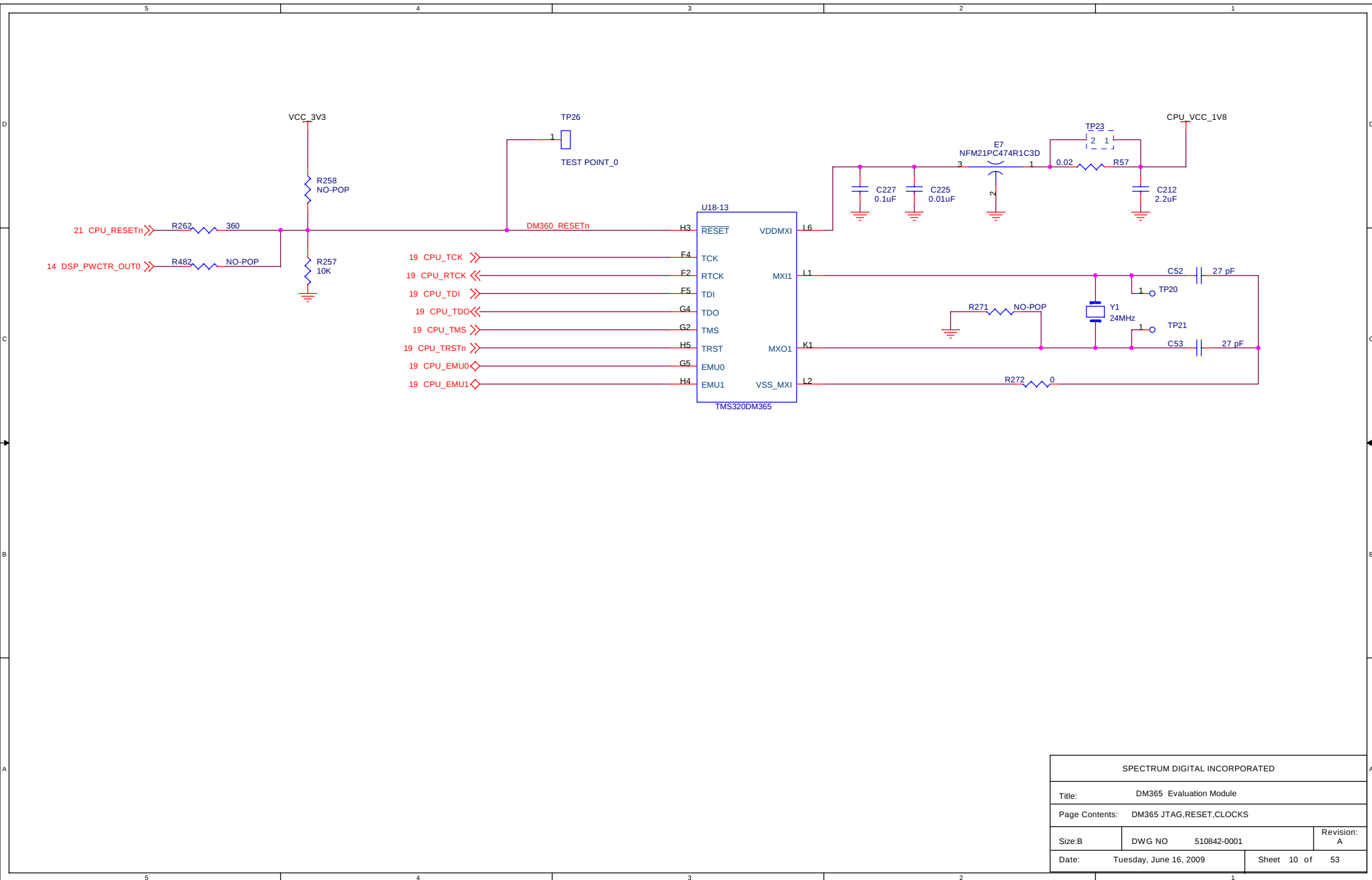
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: DM365 VIDEO IN			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 5 of	53



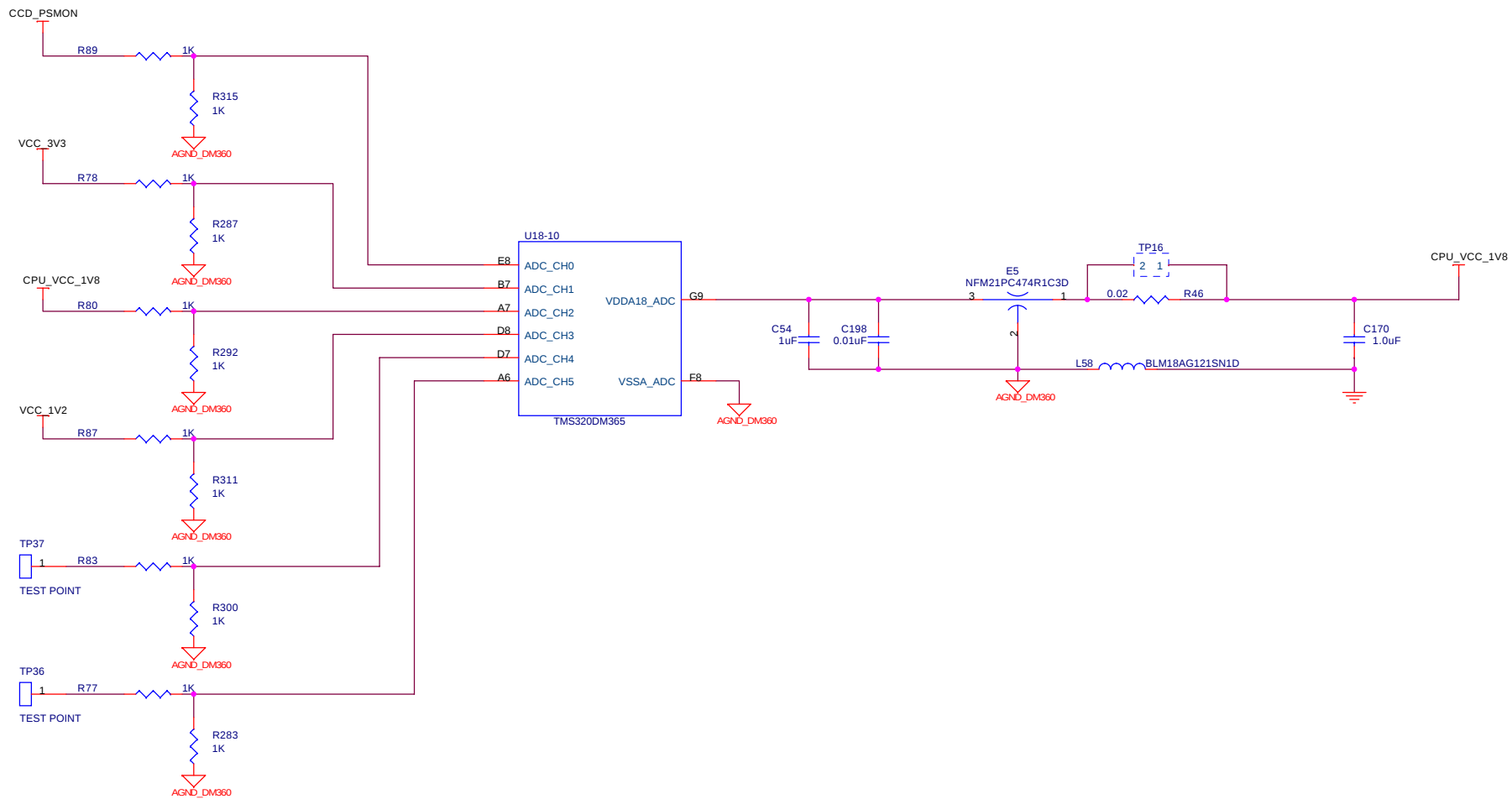
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: DM365 VIDEO PORT OUT			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 6 of	53



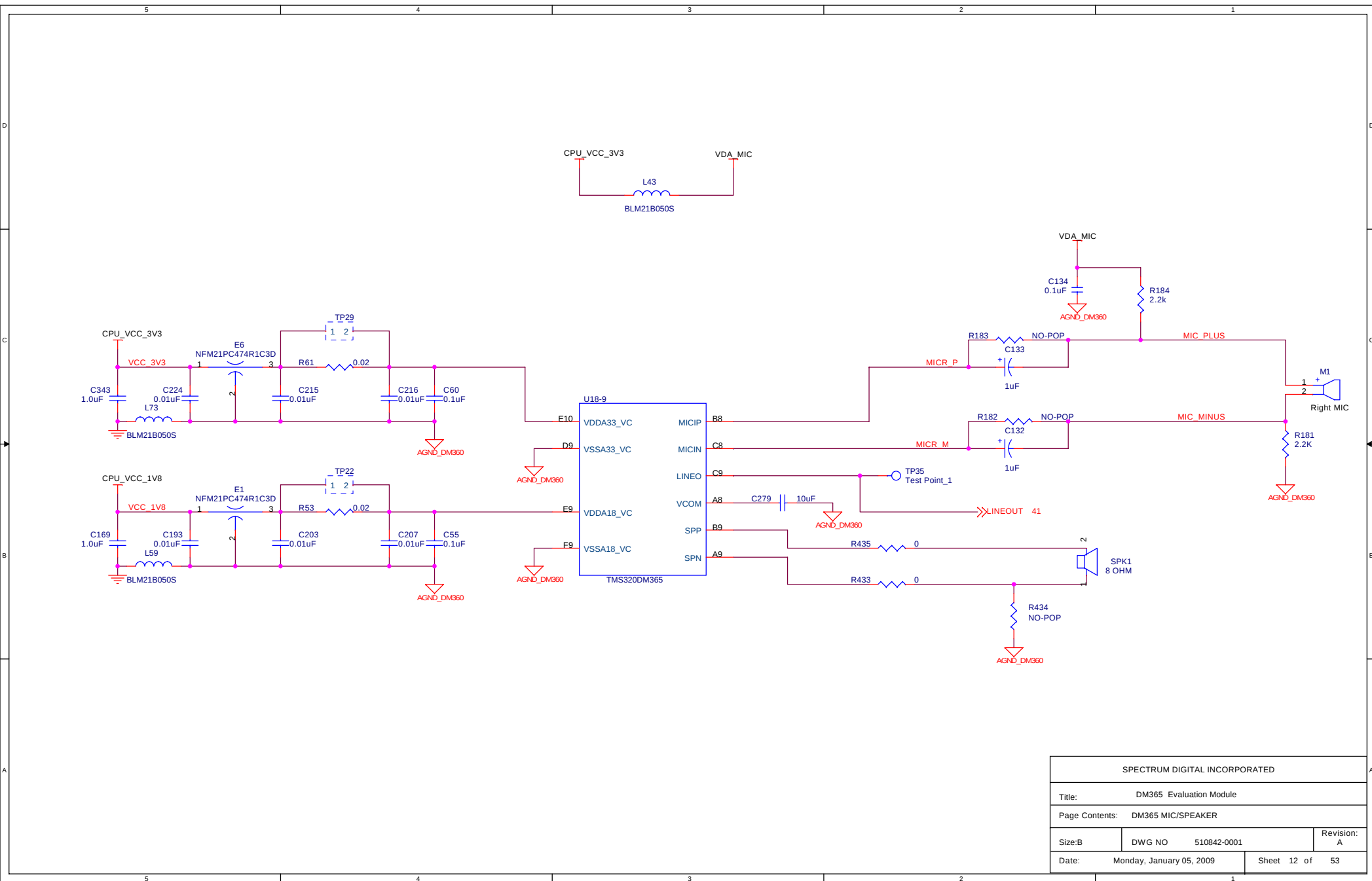
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: DM365 SD/MMC/MS INTERFACE			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 8 of	53



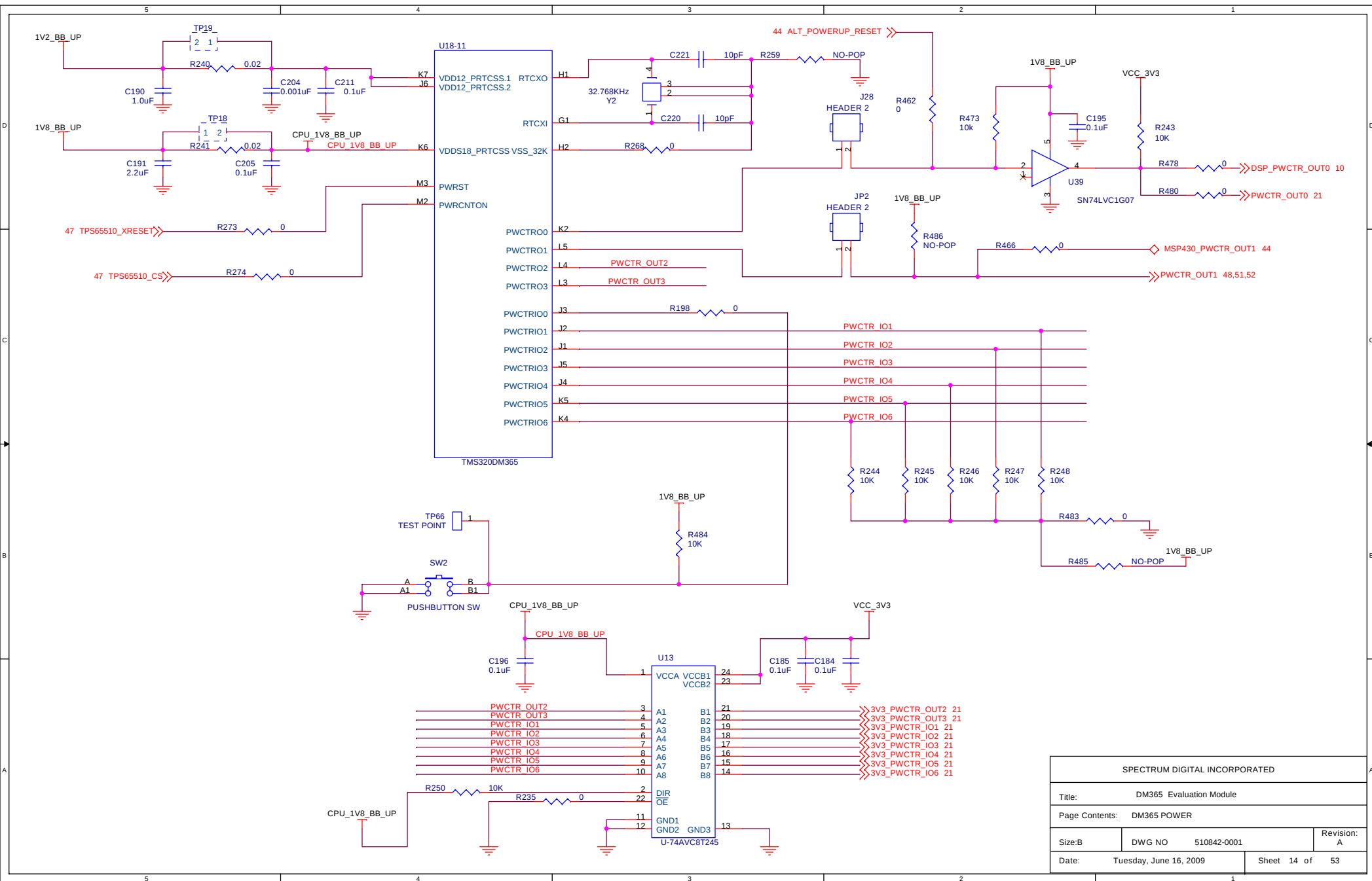
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: DM365 JTAG, RESET, CLOCKS			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Tuesday, June 16, 2009	Sheet 10 of	53



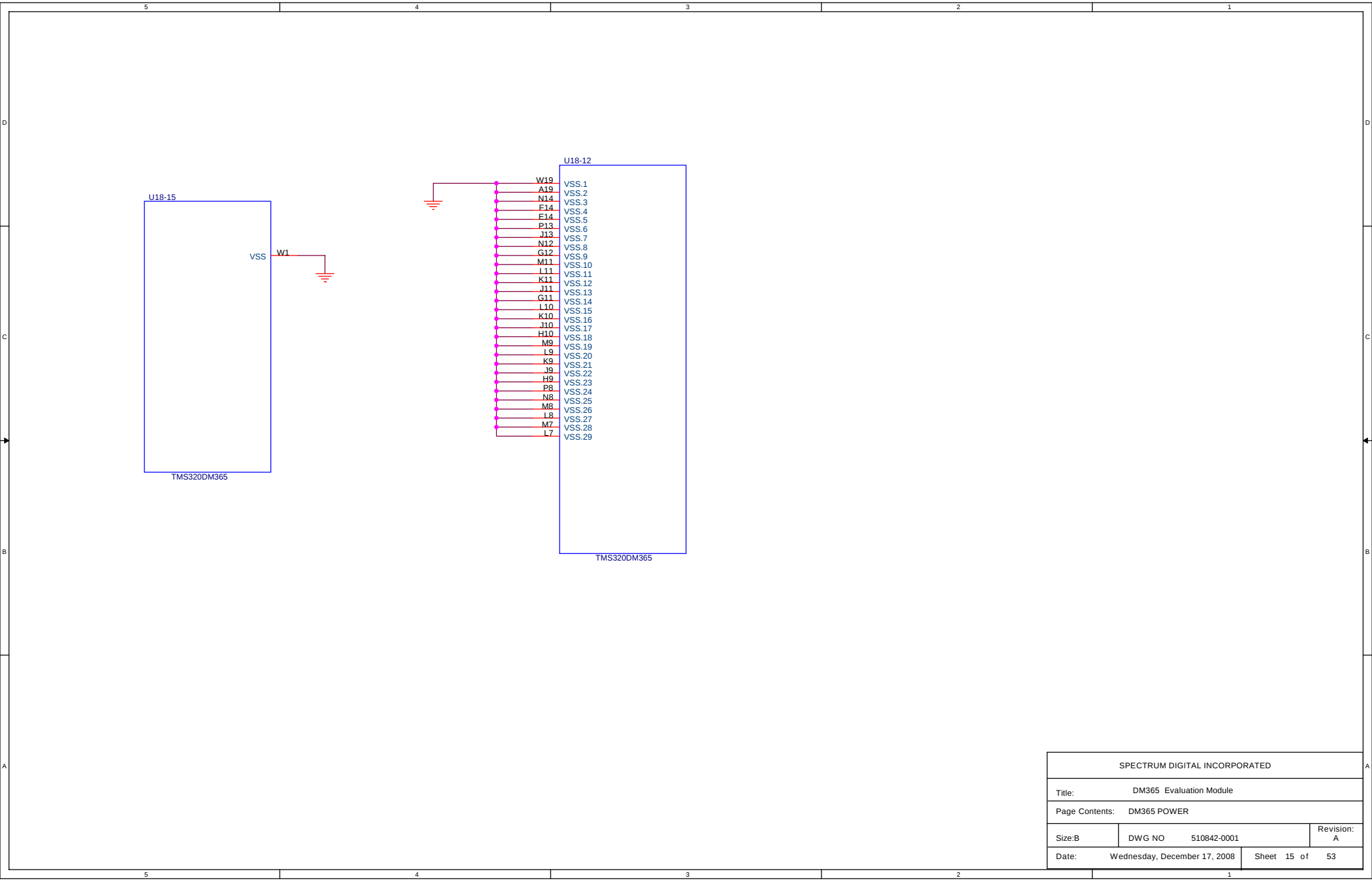
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: DM365 ADC			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Wednesday, December 17, 2008	Sheet 11 of	53



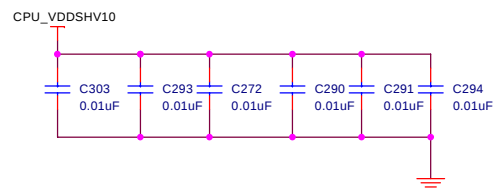
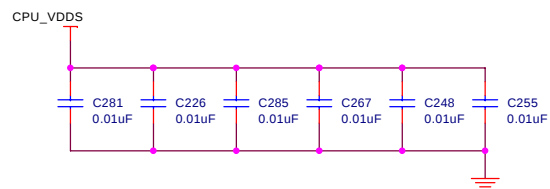
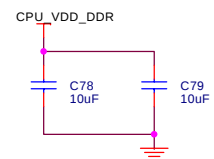
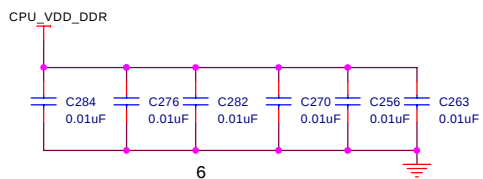
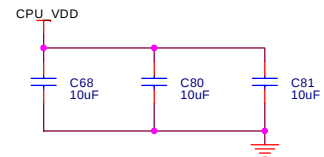
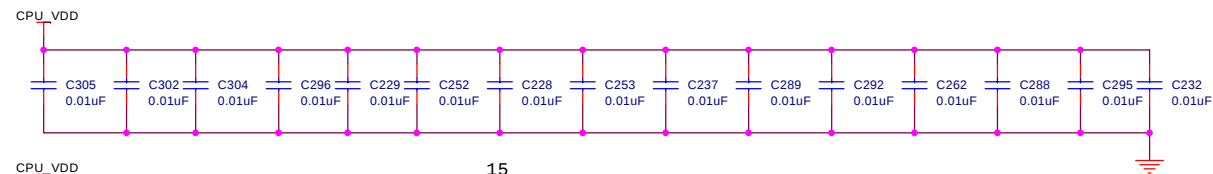
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: DM365 MIC/SPEAKER			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 12 of	53



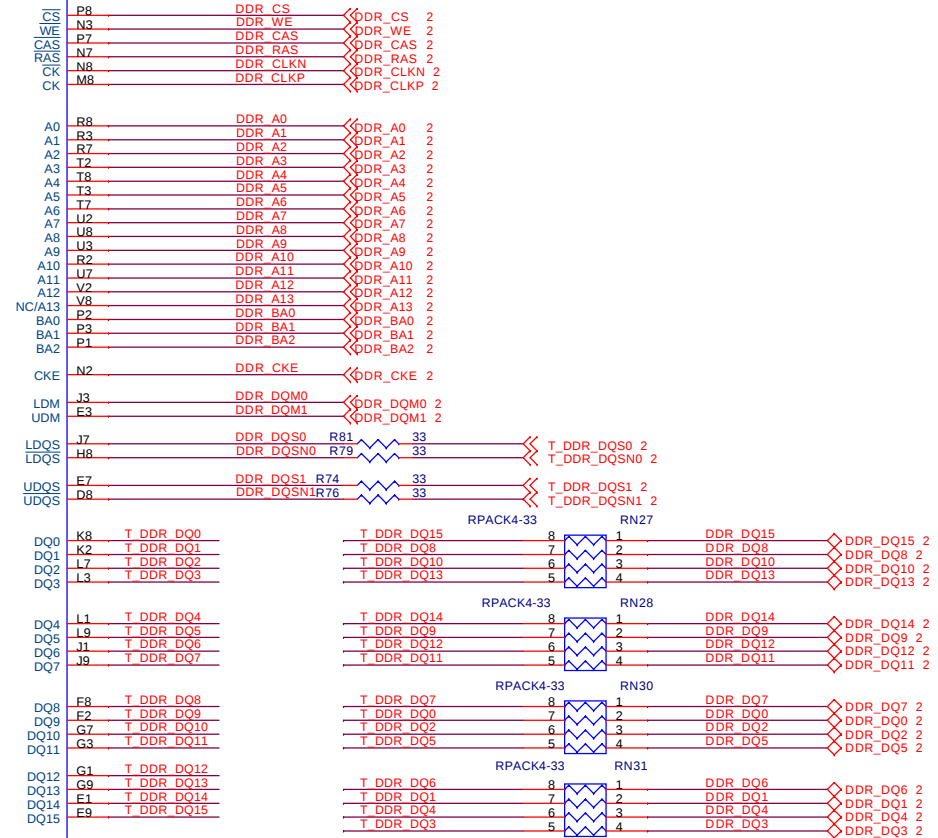
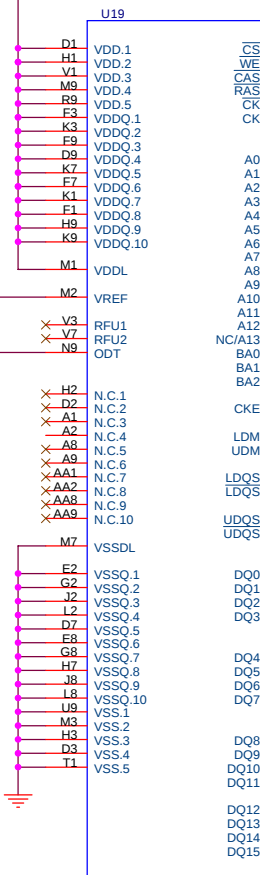
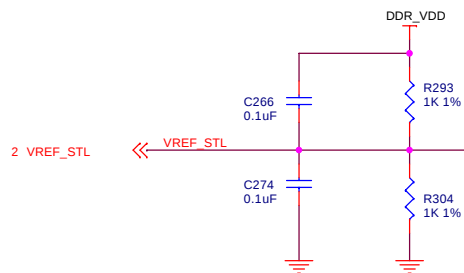
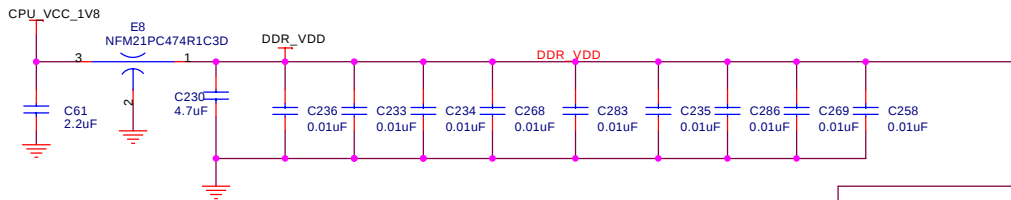
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: DM365 POWER			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Tuesday, June 16, 2009	Sheet	14 of 53



SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: DM365 POWER			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Wednesday, December 17, 2008	Sheet 15 of	53



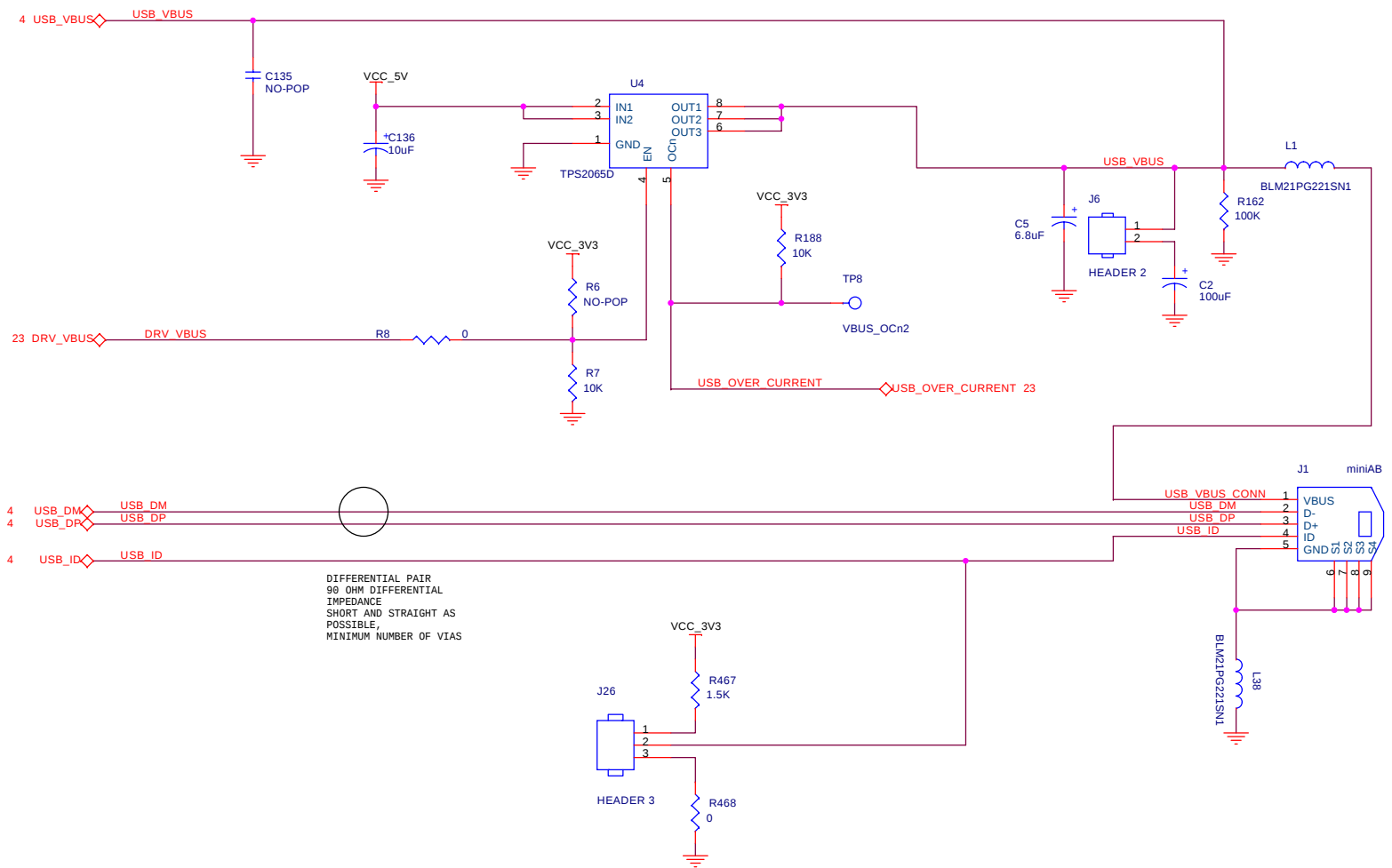
SPECTRUM DIGITAL INCORPORATED			
Title:		DM365 Evaluation Module	
Page Contents:		DM365 DECOUPLING CAPACITORS	
Size:B	DWG NO	510842-0001	Revision: A
Date:	Wednesday, December 17, 2008	Sheet 16 of	53



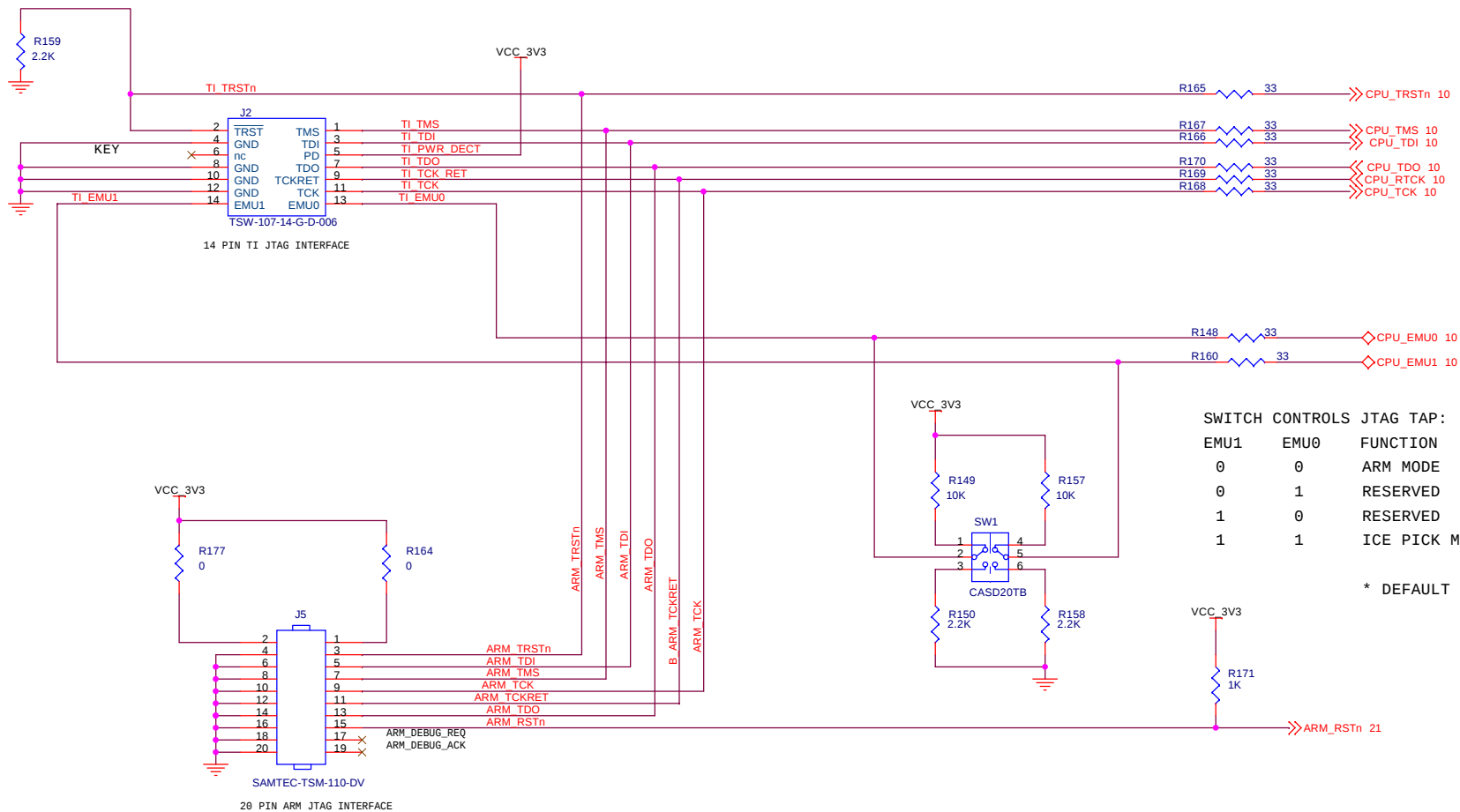
MT47H64M16HR-3:E

Layout for the 92-ball DDR Package but populate the 84-ball MT47H64M16HR-3:E. 84 Ball memories reside in the center section of the 92 Ball Package

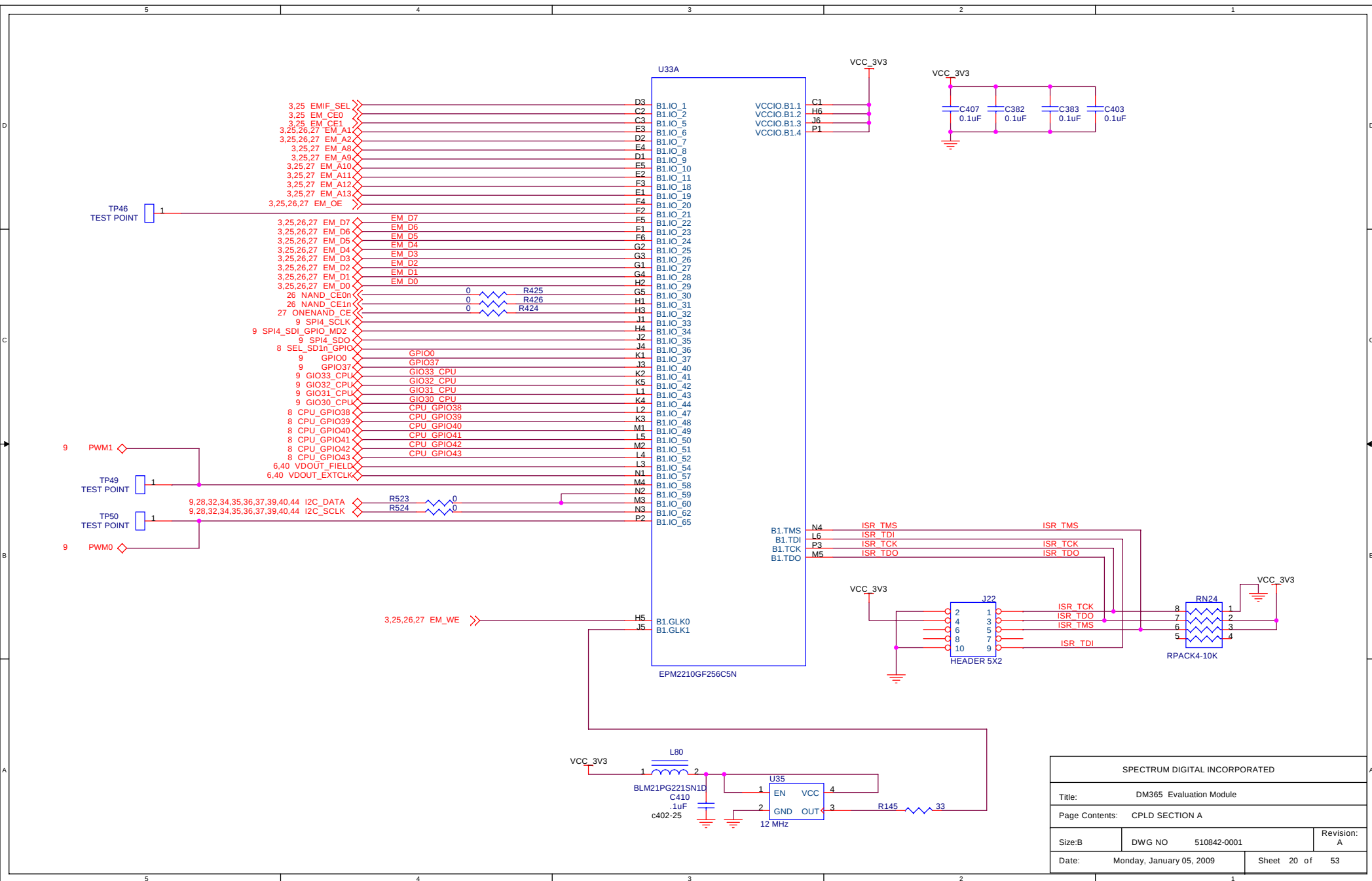
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: DDR2 MEMORY			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 17 of	53



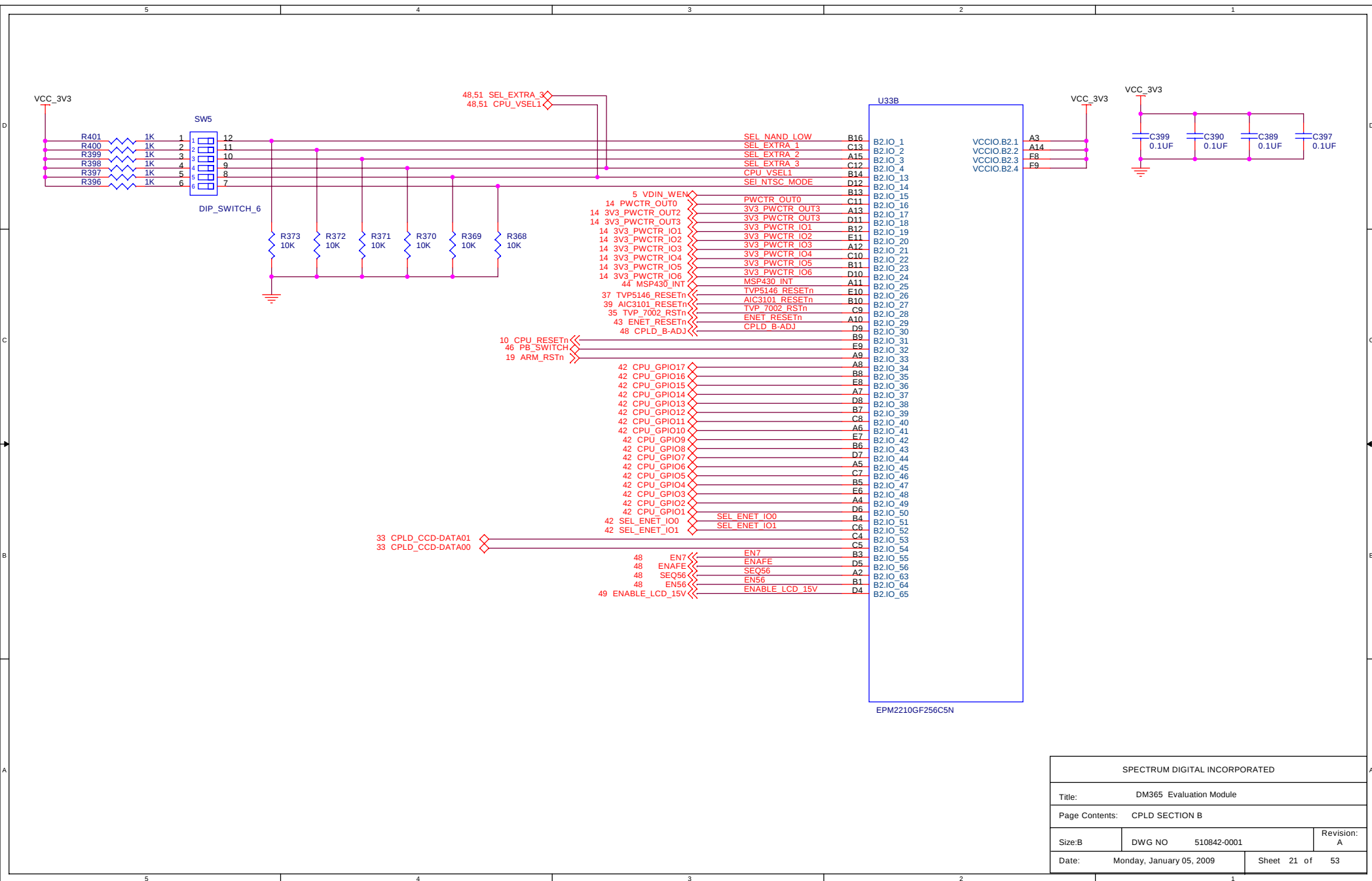
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: DM365 USB			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 18 of	53



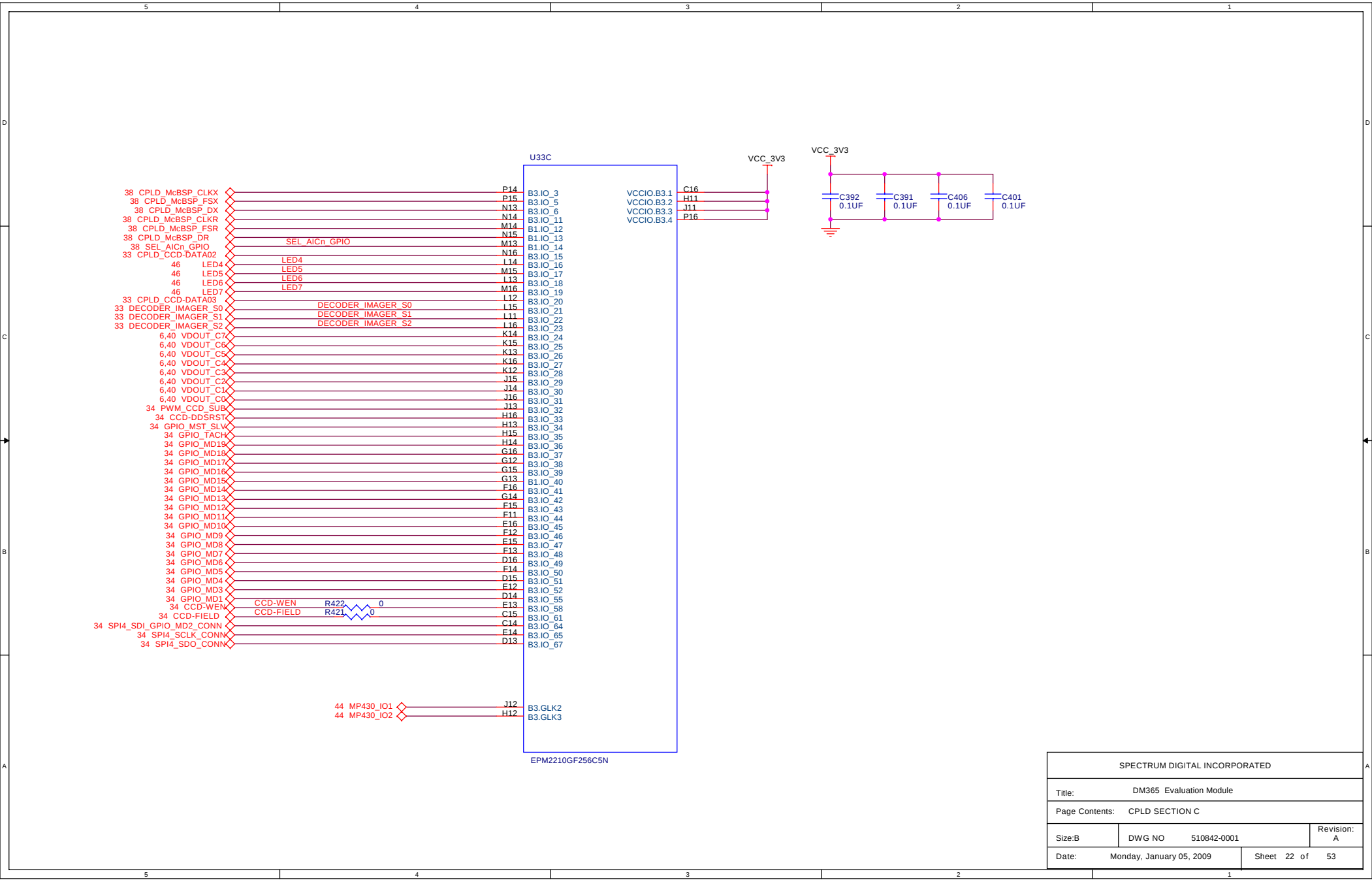
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: JTAG INTERFACE			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Tuesday, June 16, 2009	Sheet 19 of	53



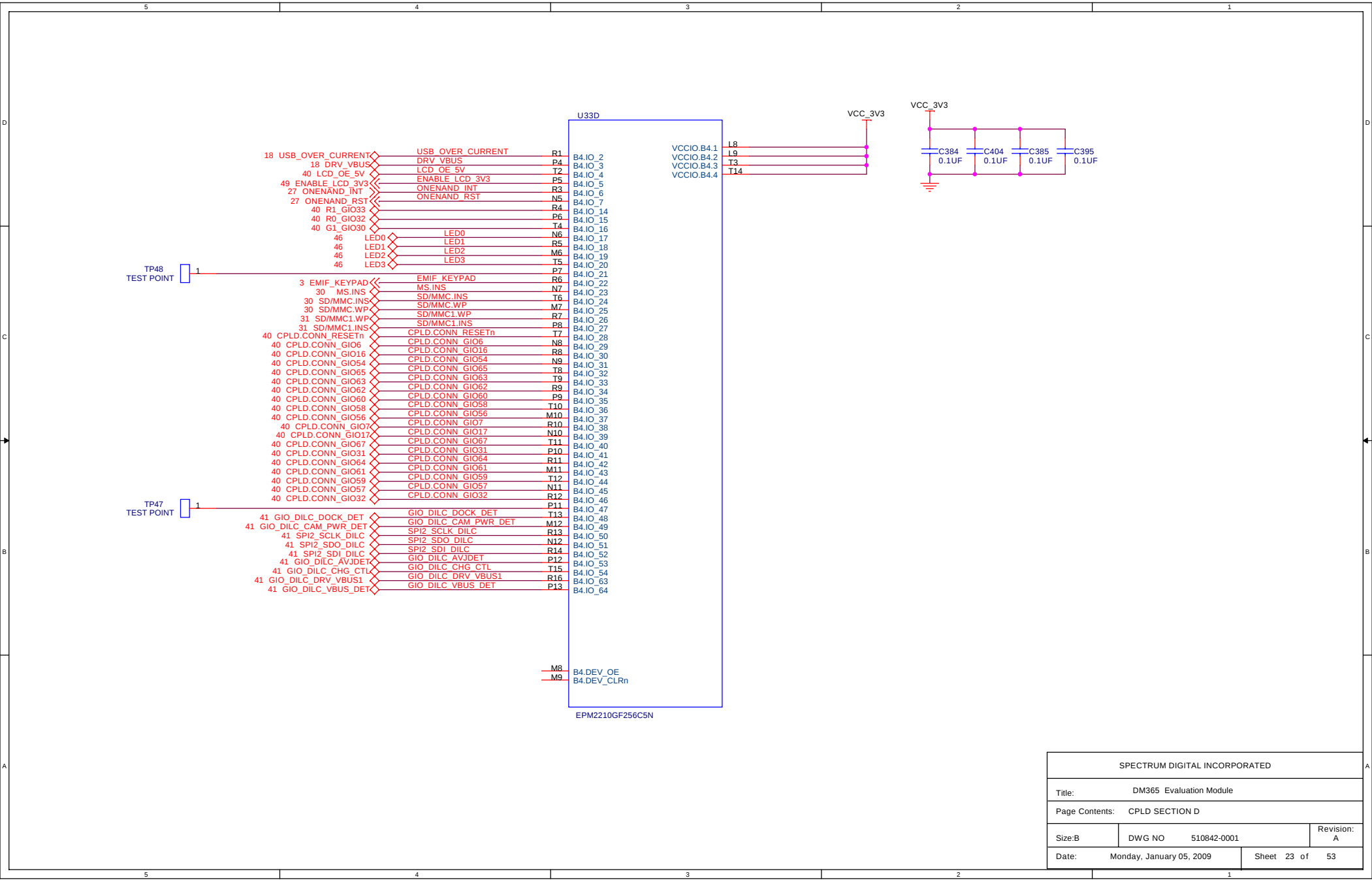
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: CPLD SECTION A			
Size: B	DWG NO	510842-0001	Revision: A
Date: Monday, January 05, 2009	Sheet 20 of 53		



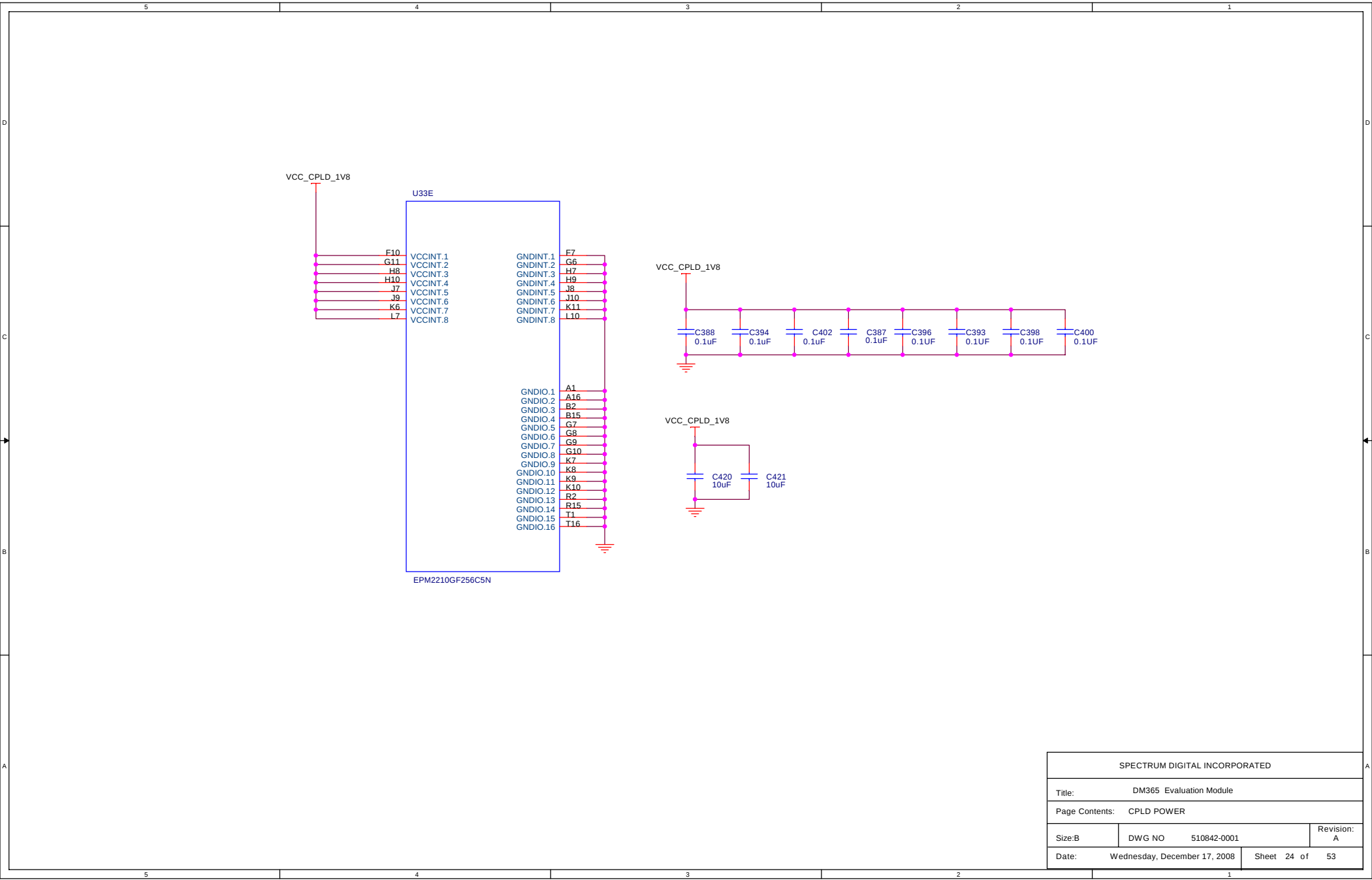
SPECTRUM DIGITAL INCORPORATED				
Title: DM365 Evaluation Module				
Page Contents: CPLD SECTION B				
Size: B	DWG NO	510842-0001	Revision: A	
Date:	Monday, January 05, 2009		Sheet	21 of 53



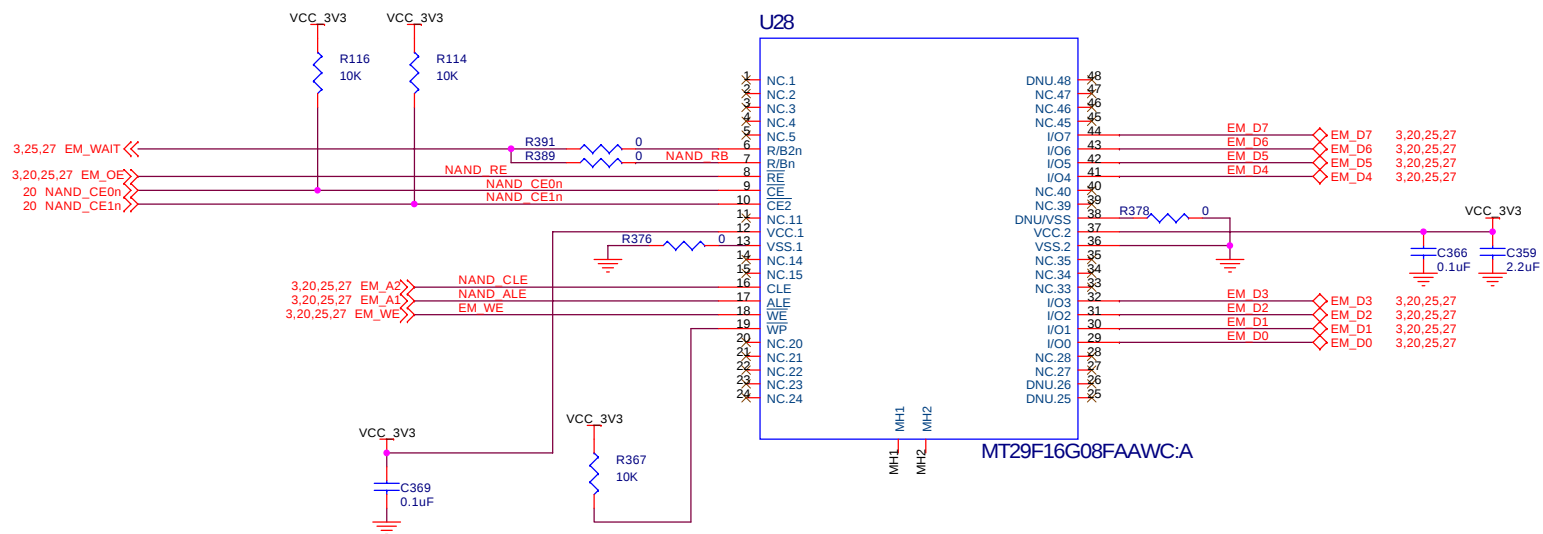
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: CPLD SECTION C			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 22 of	53



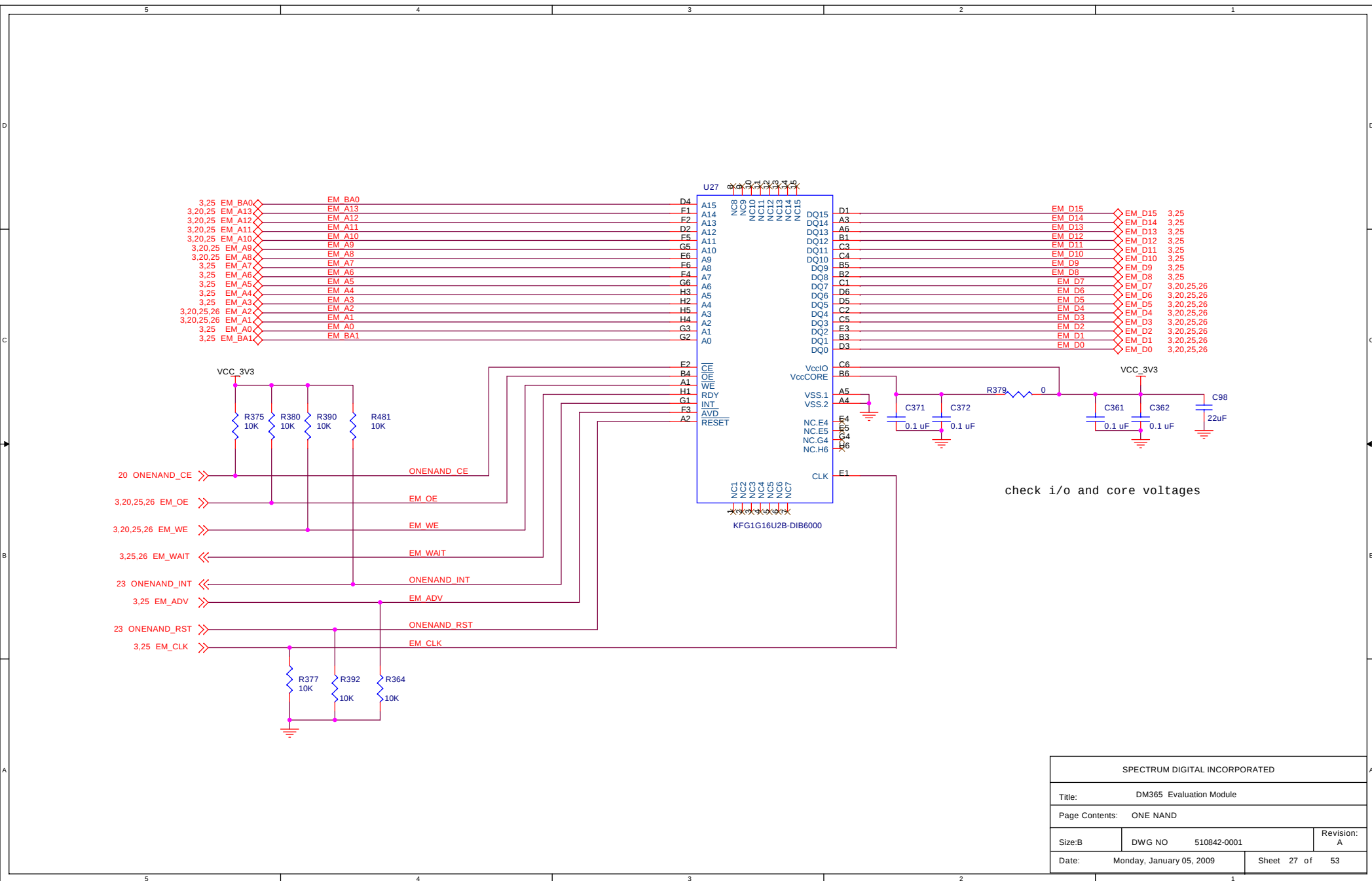
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: CPLD SECTION D			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 23 of	53



SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: CPLD POWER			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Wednesday, December 17, 2008	Sheet 24 of	53



SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: NAND FLASH			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 26 of	53



SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: ONE NAND			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 27 of	53

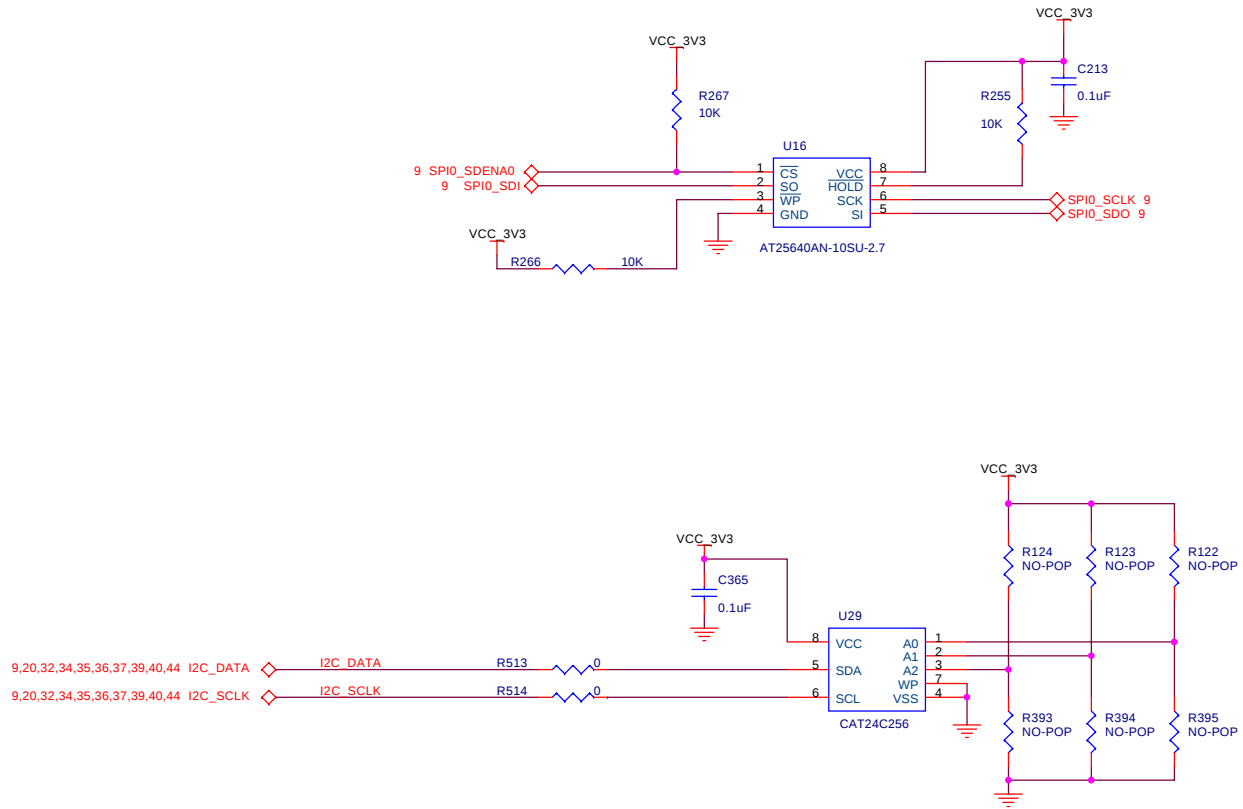
5

4

3

2

1



5

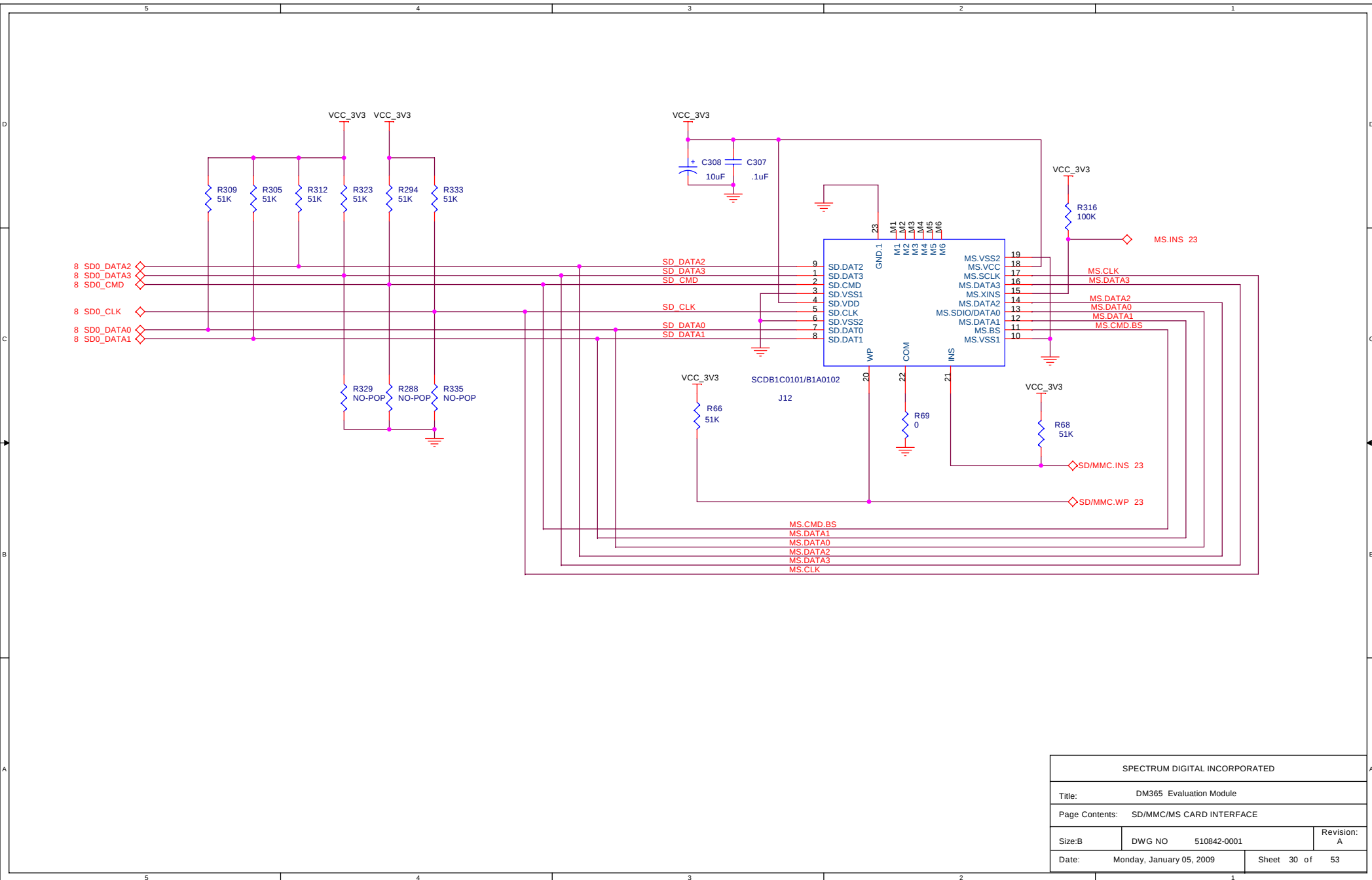
4

3

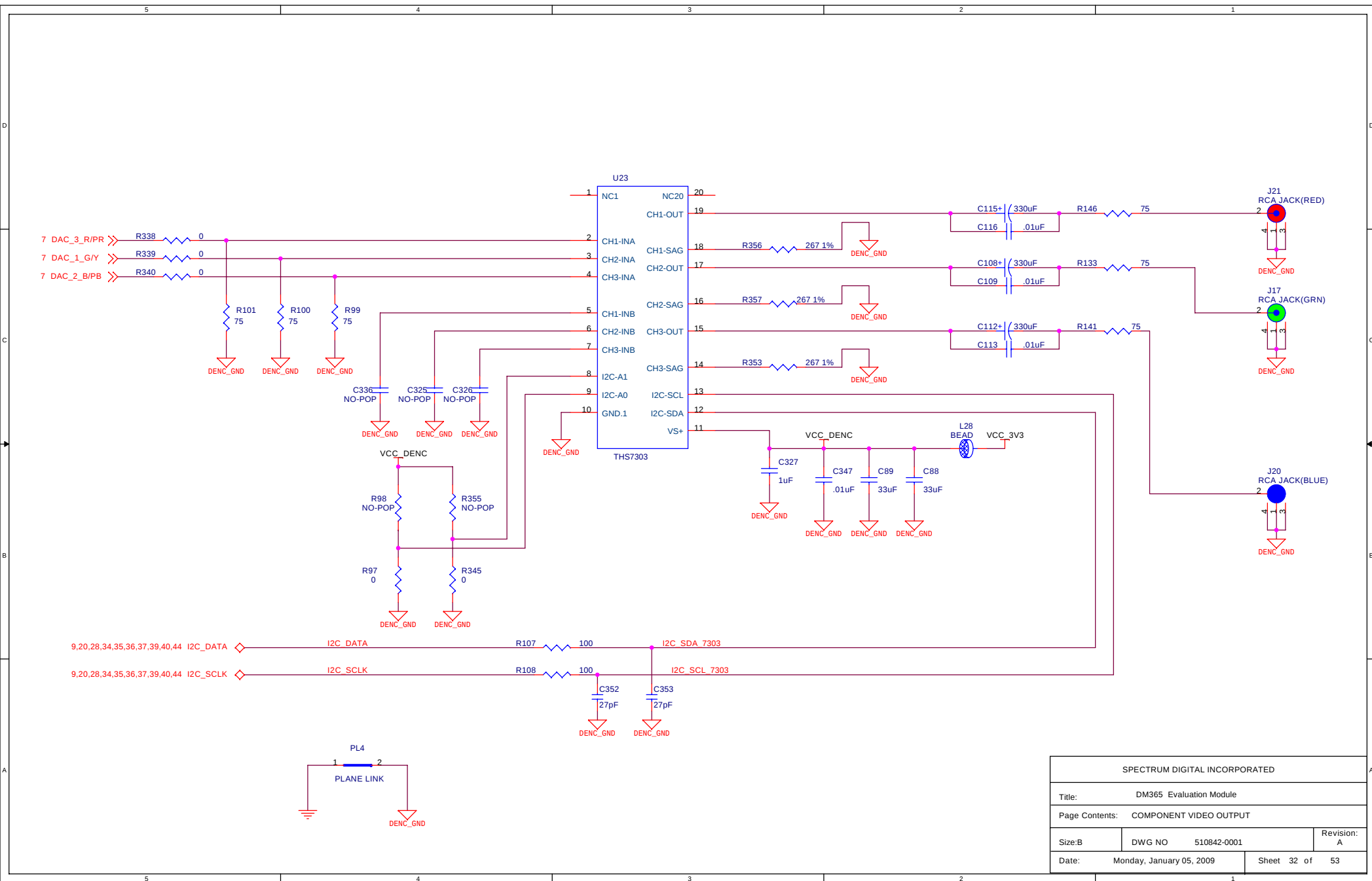
2

1

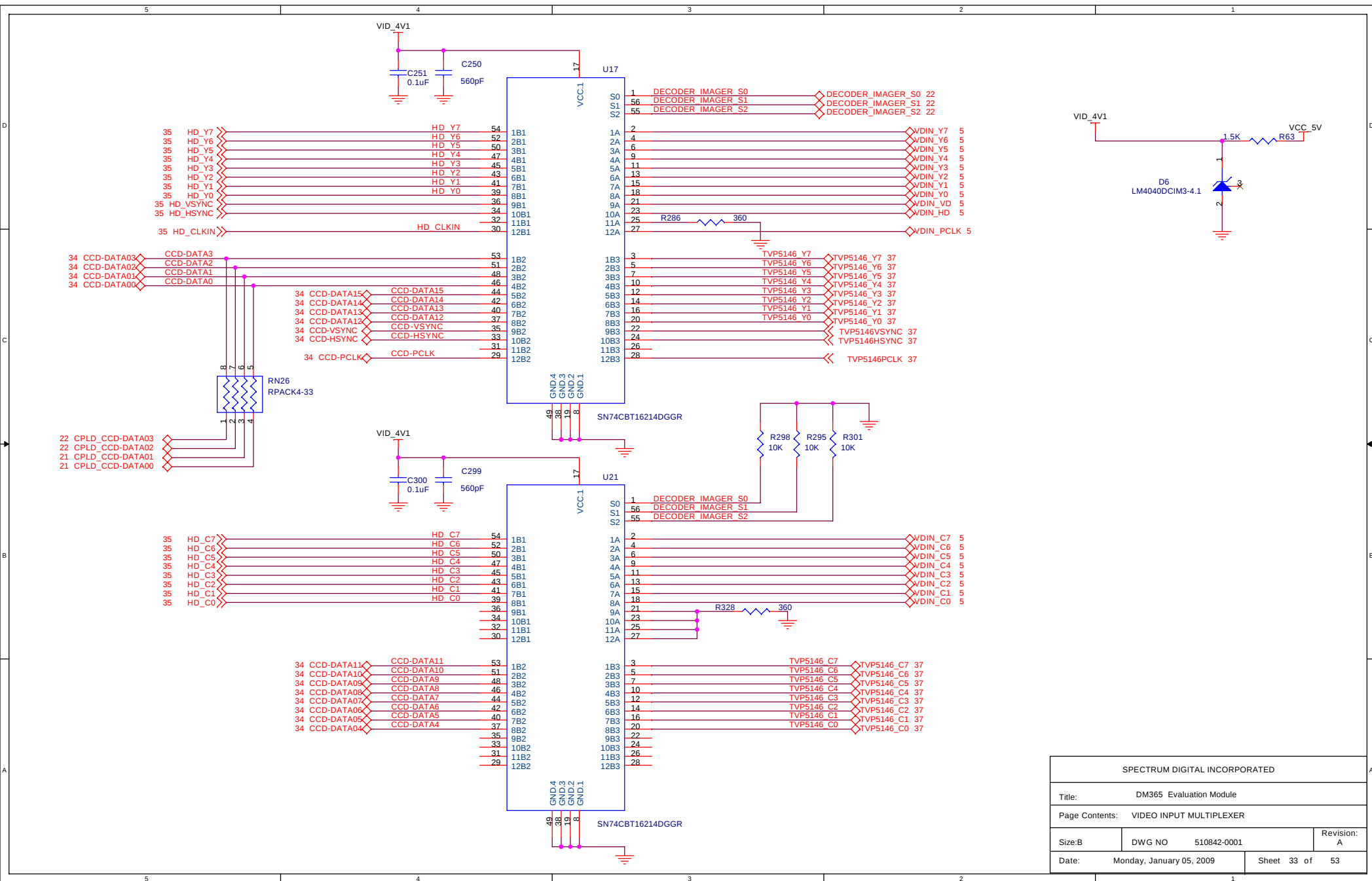
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: SPI EEPROM			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 28 of	53



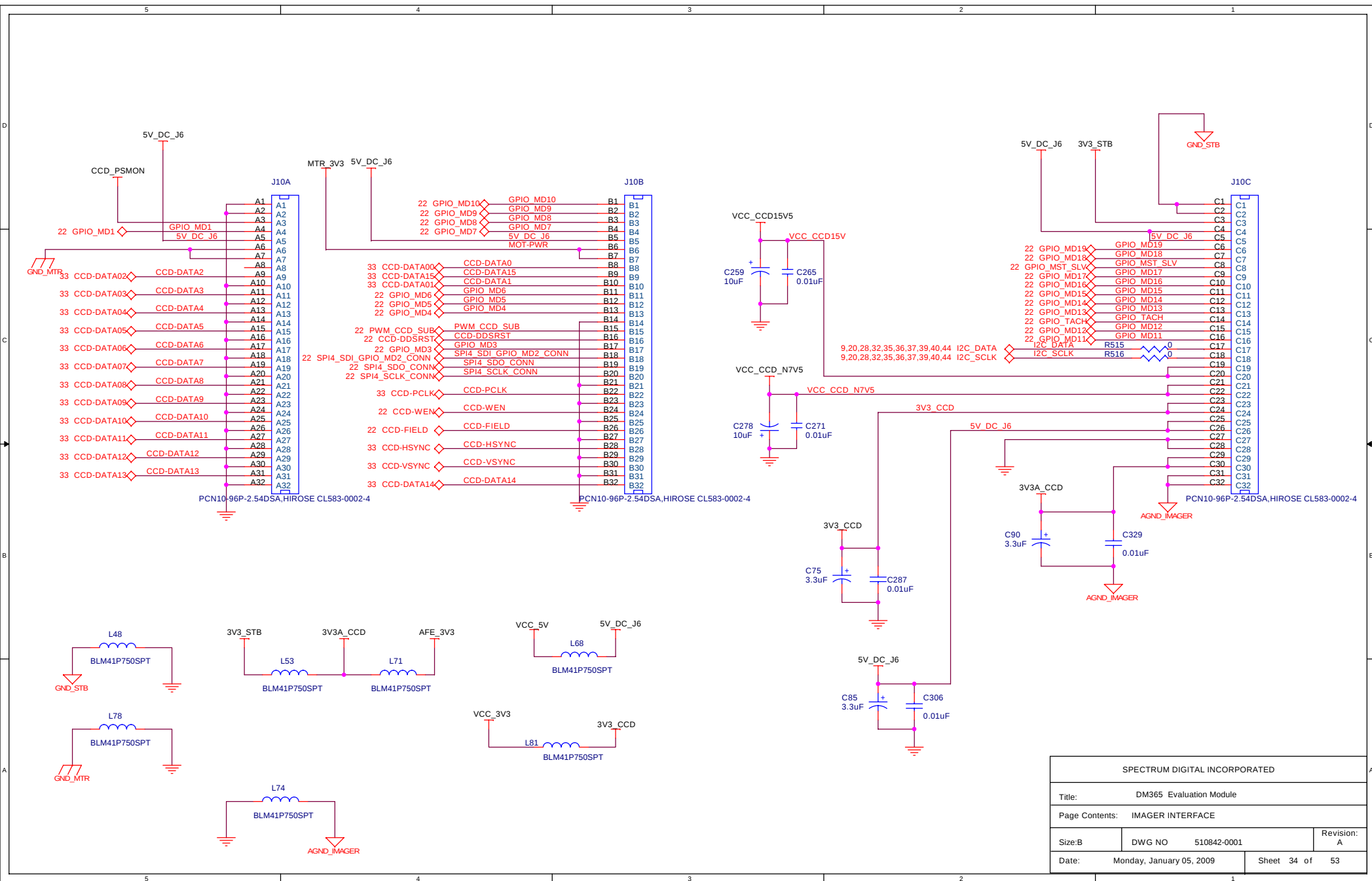
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: SD/MMC/MS CARD INTERFACE			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet	30 of 53



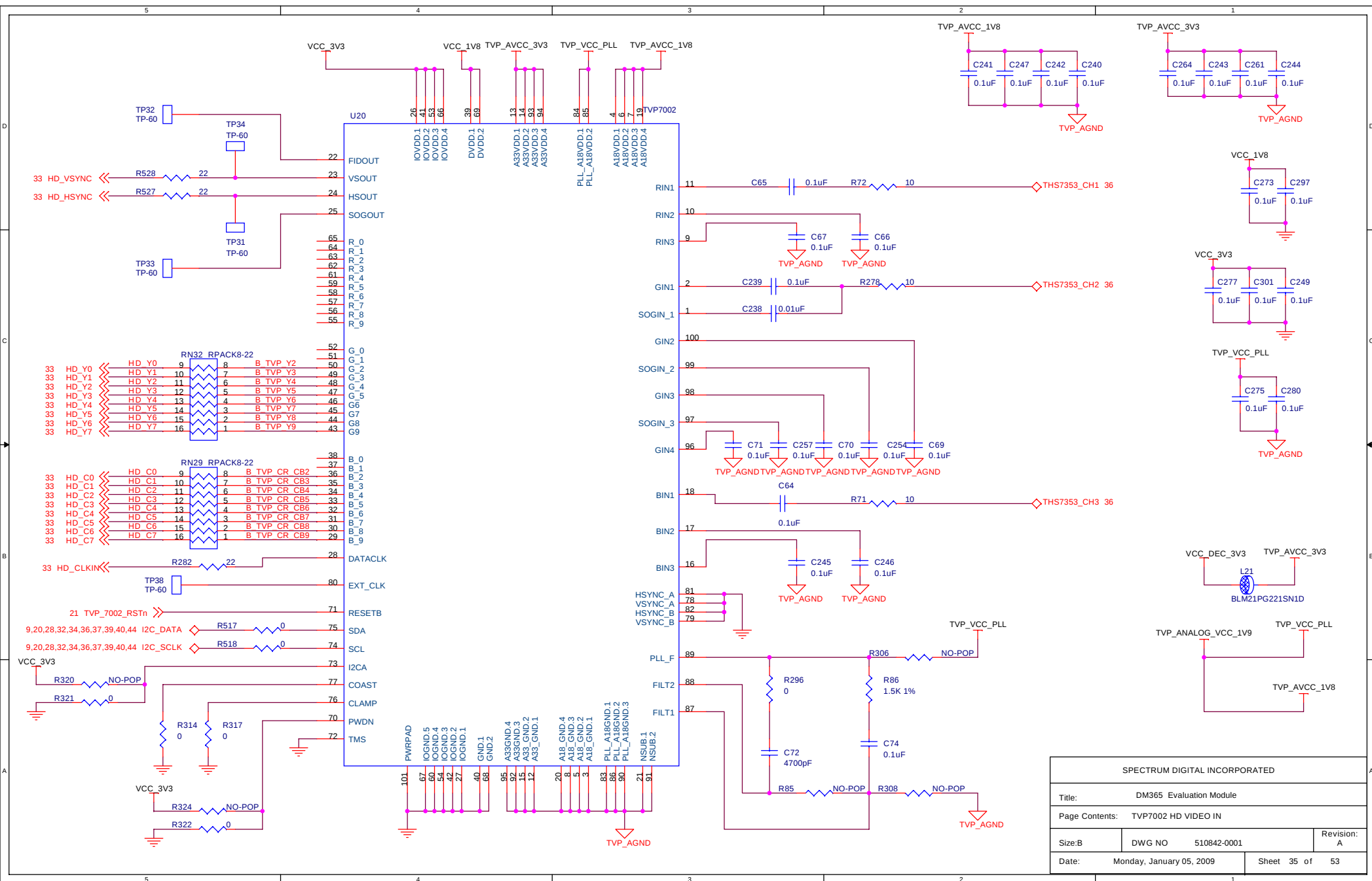
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: COMPONENT VIDEO OUTPUT			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 32 of	53

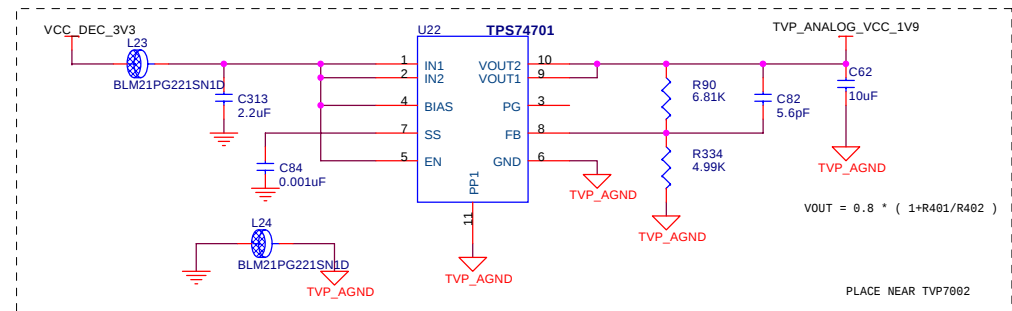
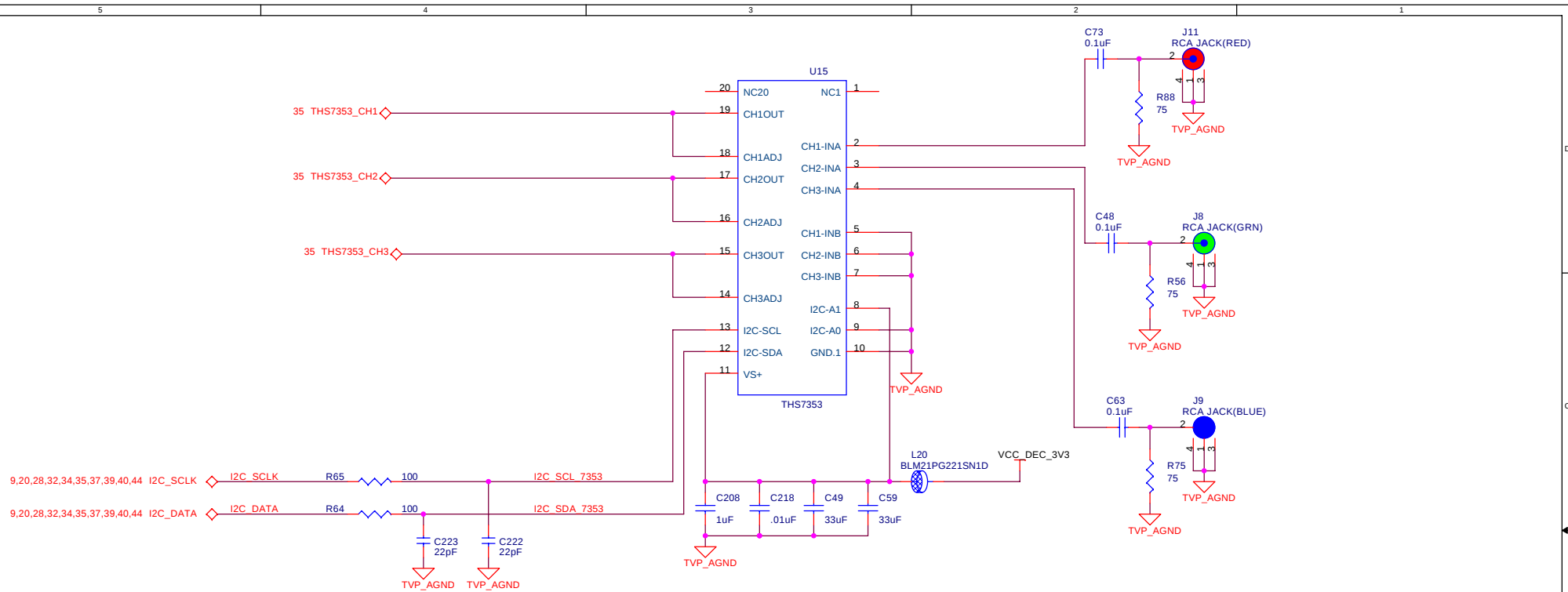


SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: VIDEO INPUT MULTIPLEXER			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009		Sheet 33 of 53

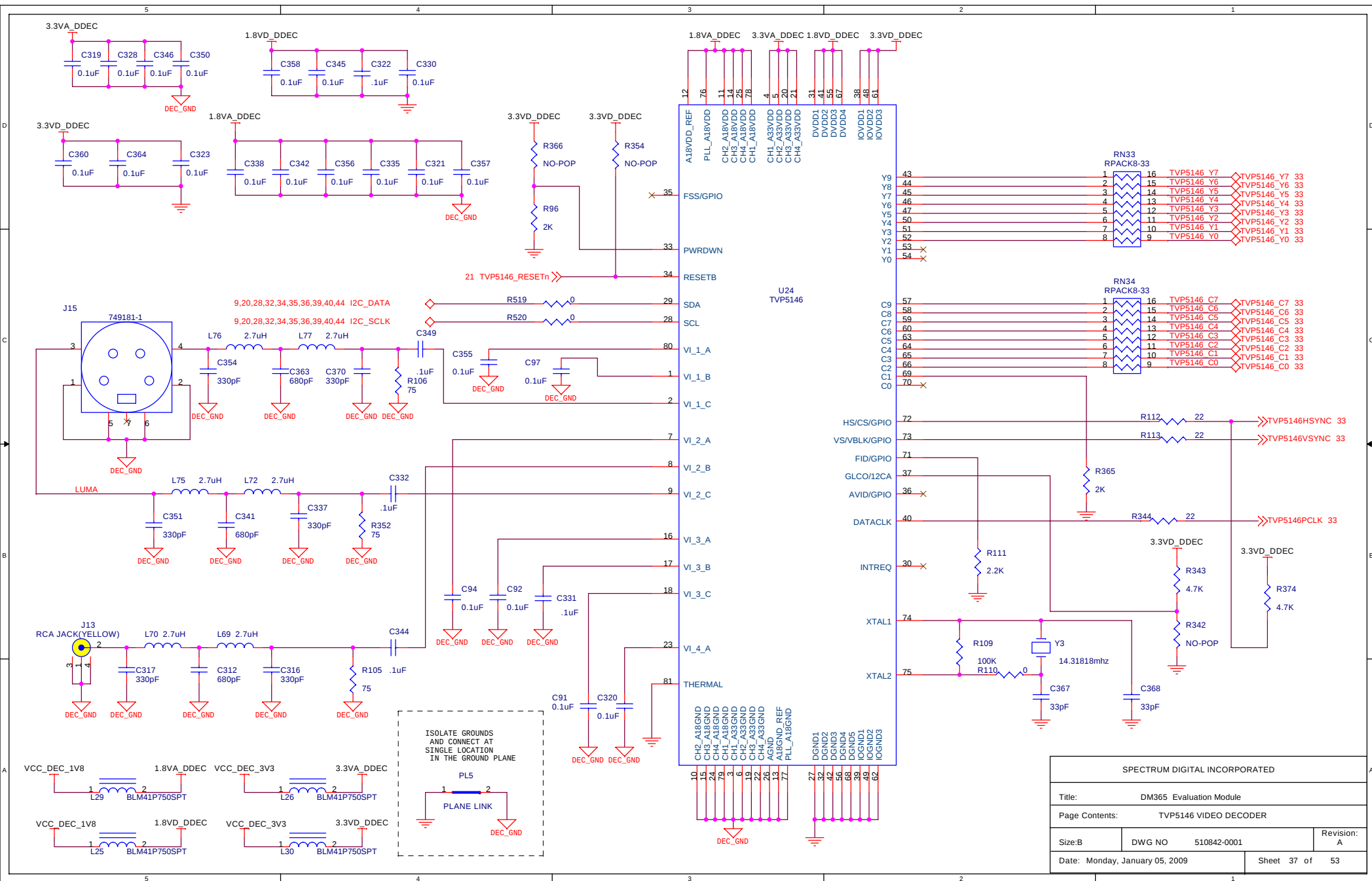


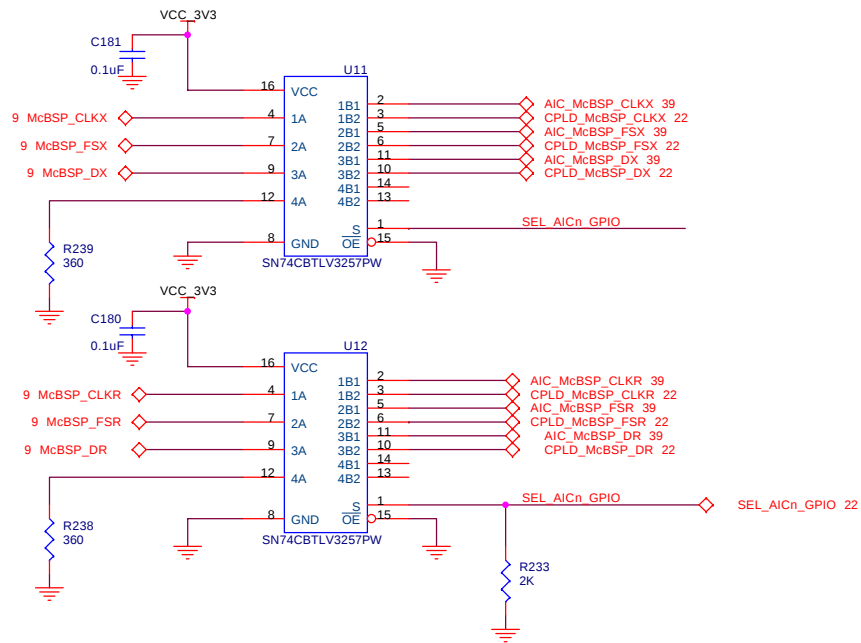
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: IMAGER INTERFACE			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet	34 of 53



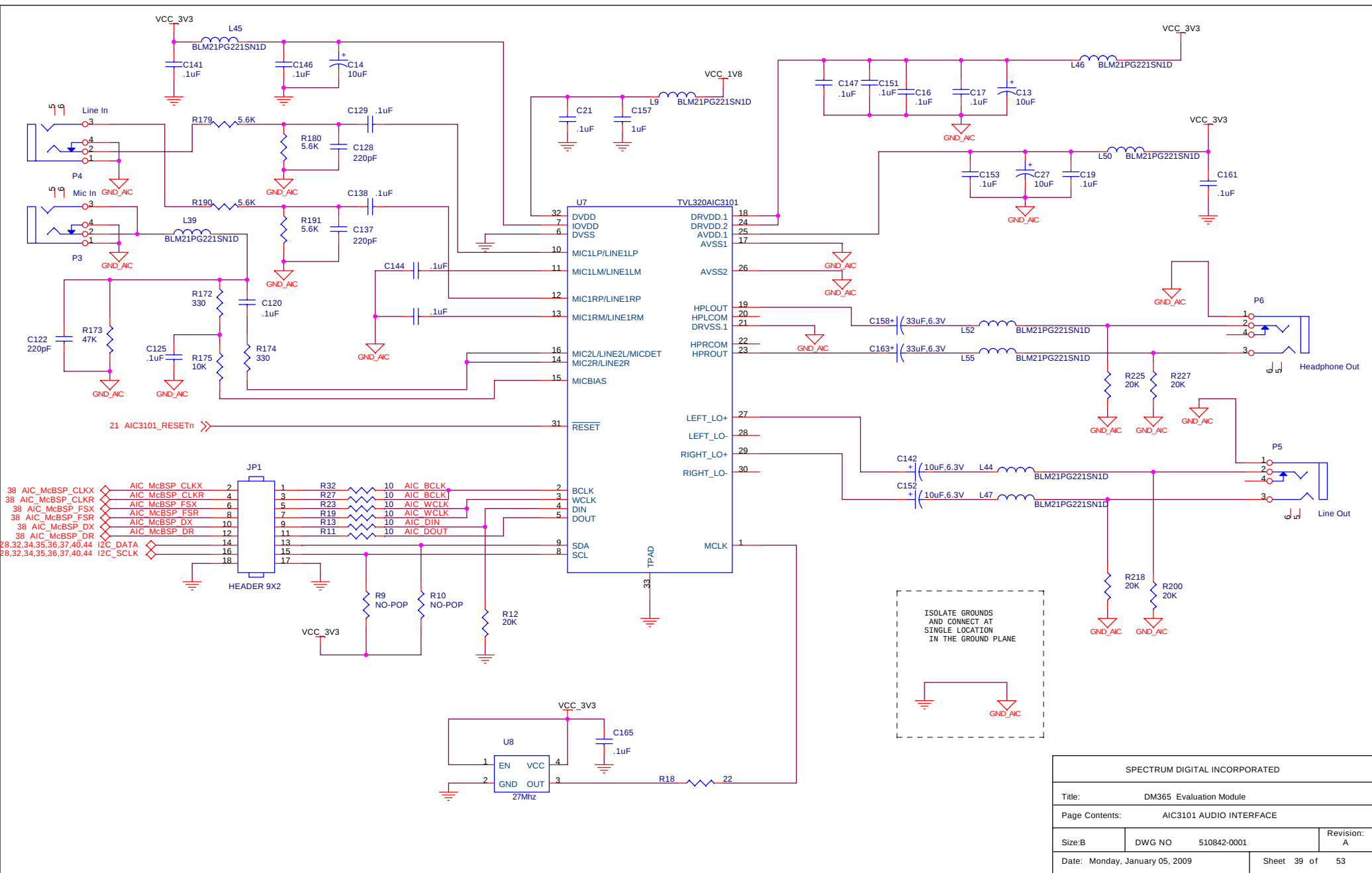


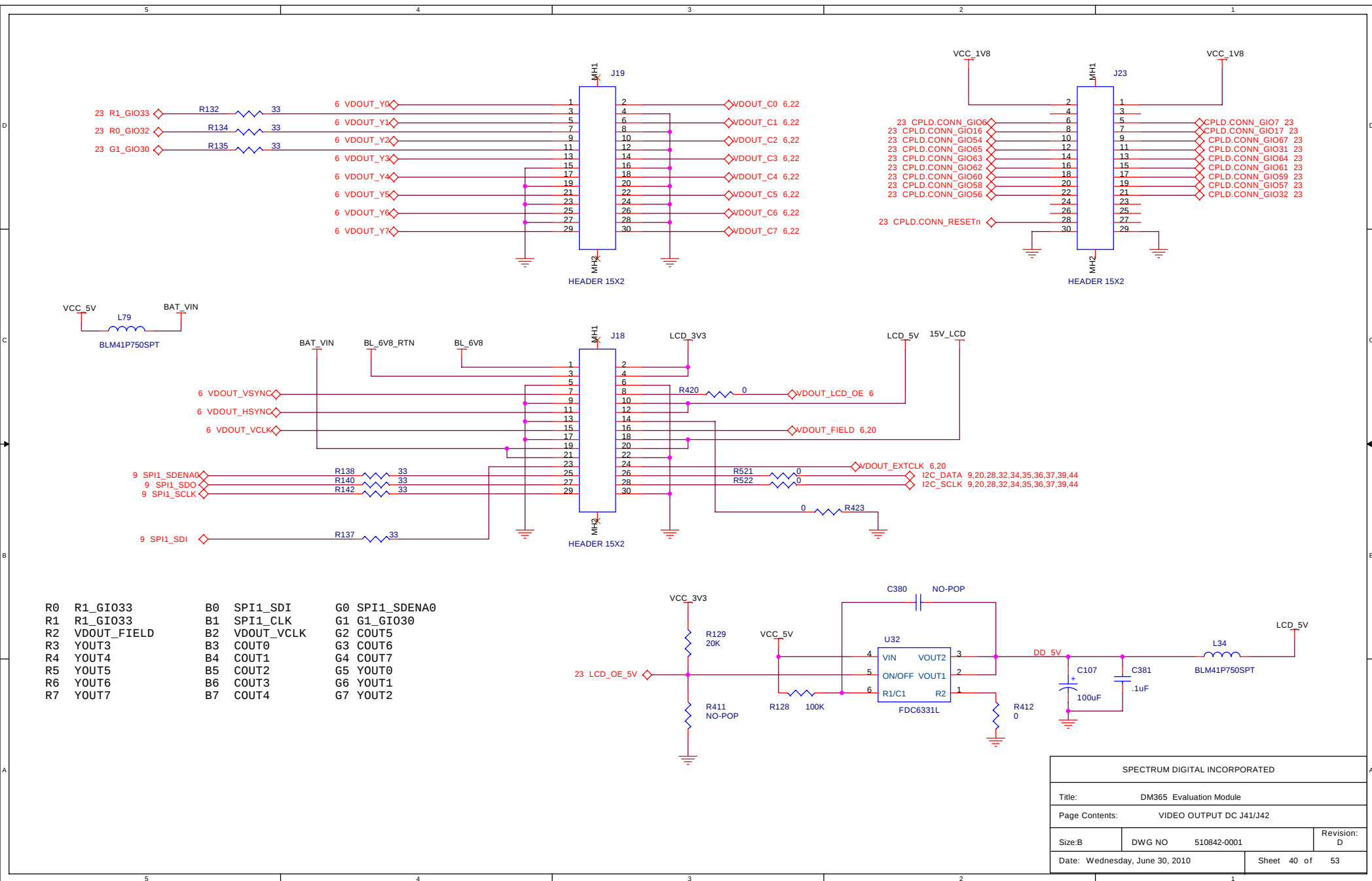
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: TVP7002 HD VIDEO IN			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 36 of	53

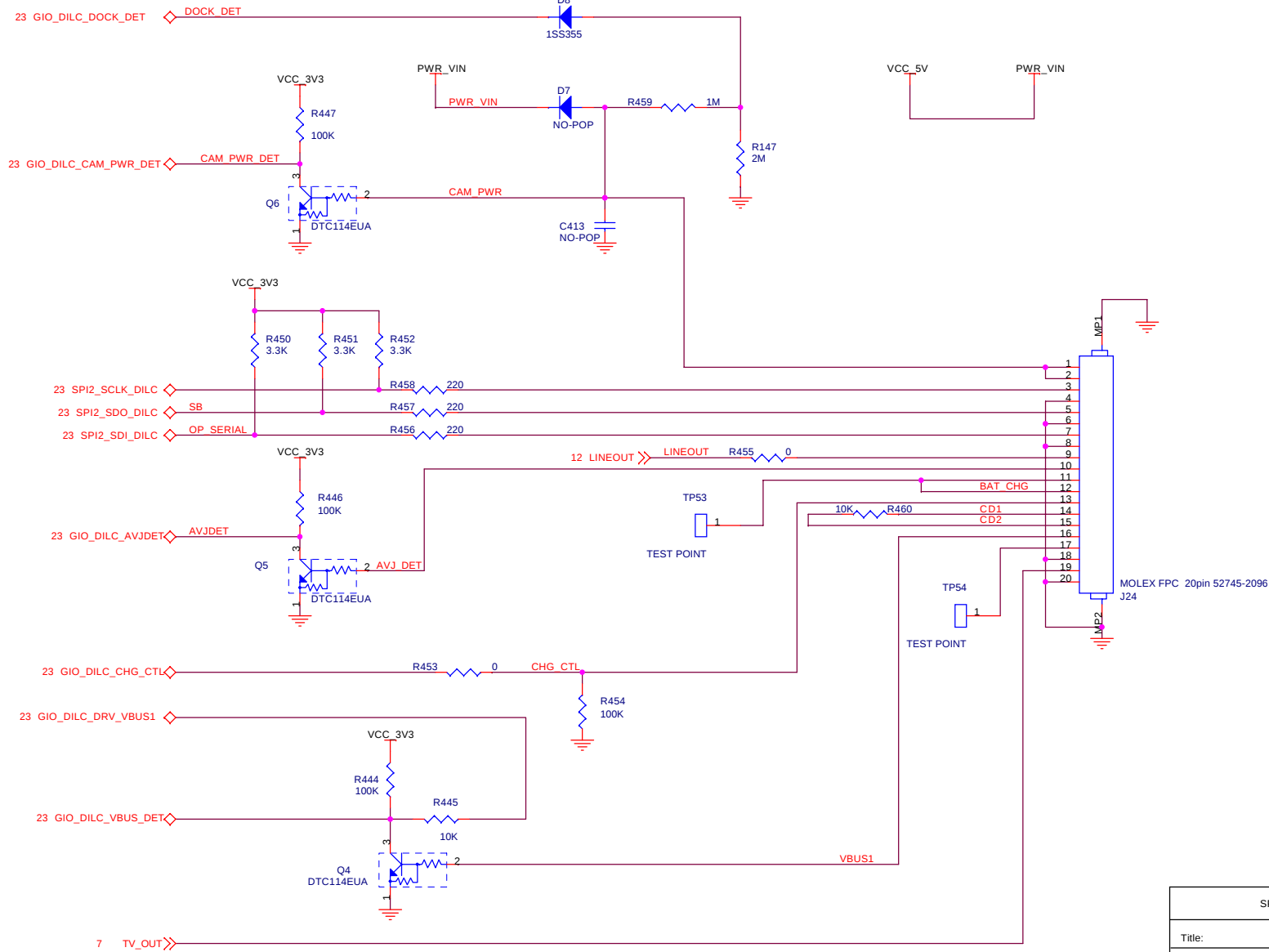




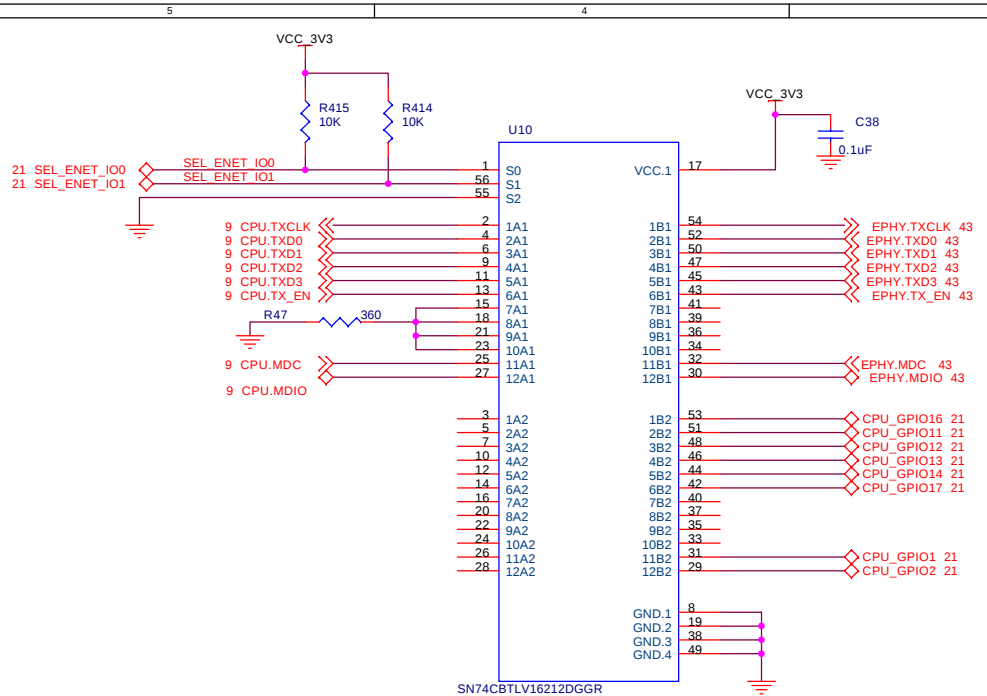
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: McBSP Muxes			
Size: B	DWG NO	510842-0001	Revision: A
Date: Monday, January 05, 2009			Sheet 38 of 53



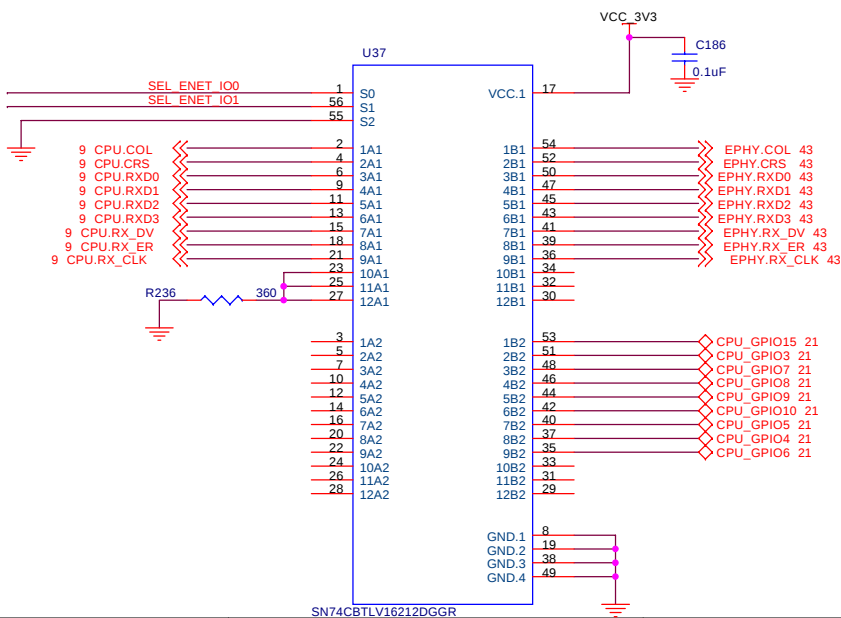




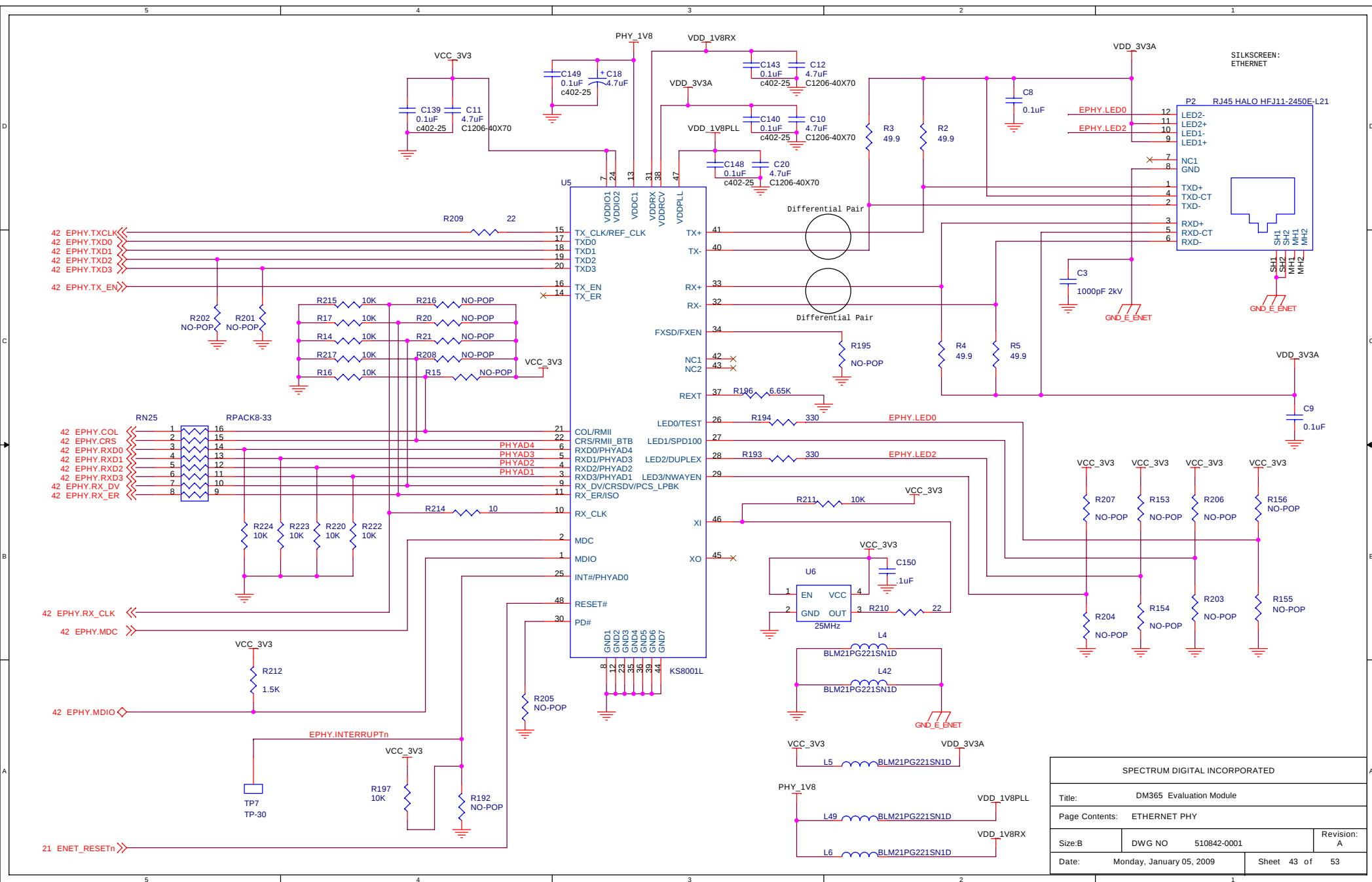
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: DILC HOST CONNECTOR			
Size: B	DWG NO	510842-0001	Revision: A
Date: Monday, January 05, 2009			Sheet 41 of 53

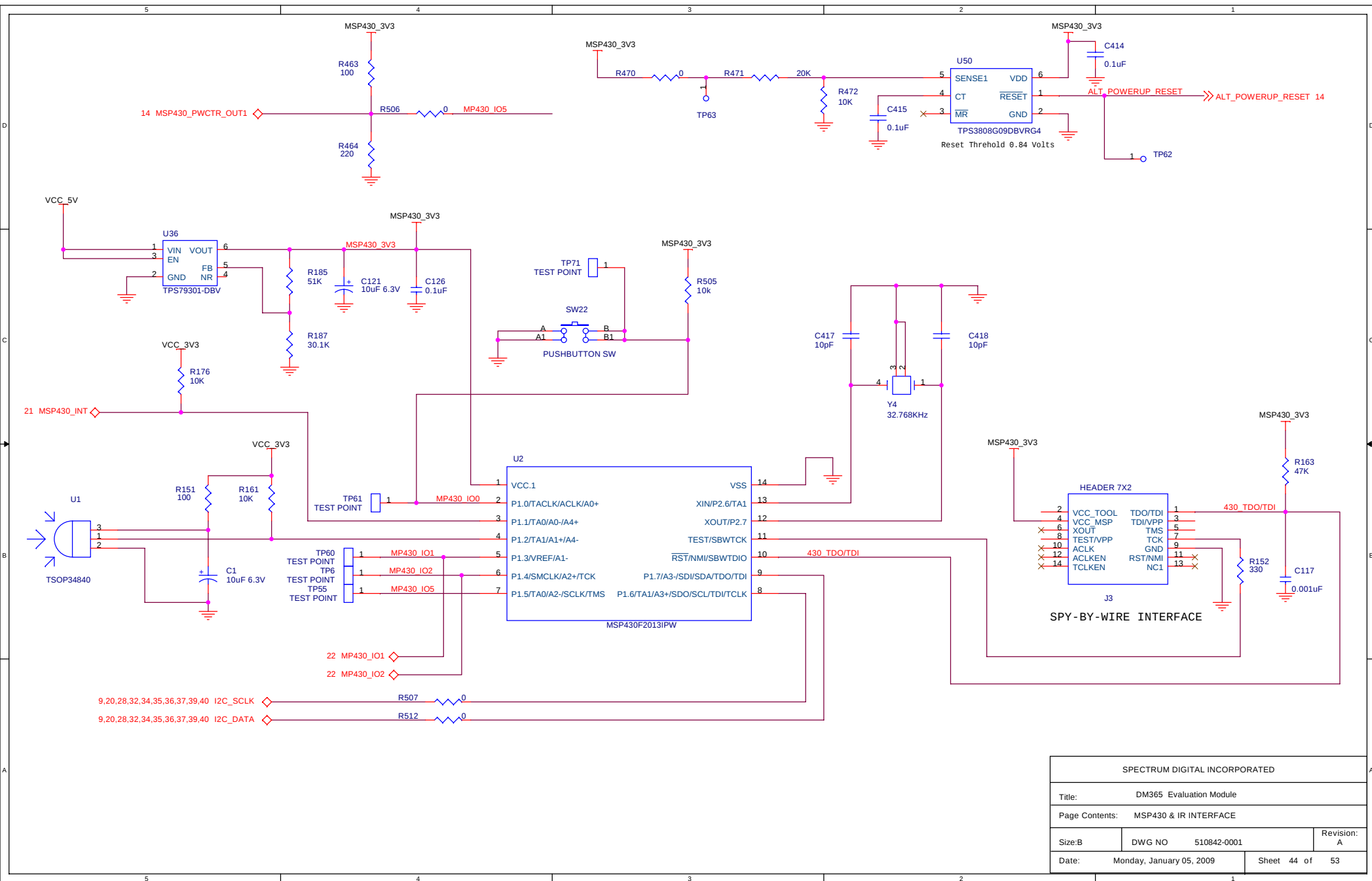


S2	S1	S0	A1	A2	FUNCTION
0	0	0	Z	Z	DISCONNECT
0	0	1	B1	Z	A1 TO B1
0	1	0	B2	Z	A1 TO B2
0	1	1	Z	B1	A2 TO B1
1	0	0	Z	B2	A2 TO B2
1	0	1	Z	Z	DISCONNECT
1	1	0	B1	B2	A1 TO B1 A2 TO B2
1	1	1	B2	B1	A1 TO B2 A2 TO B1

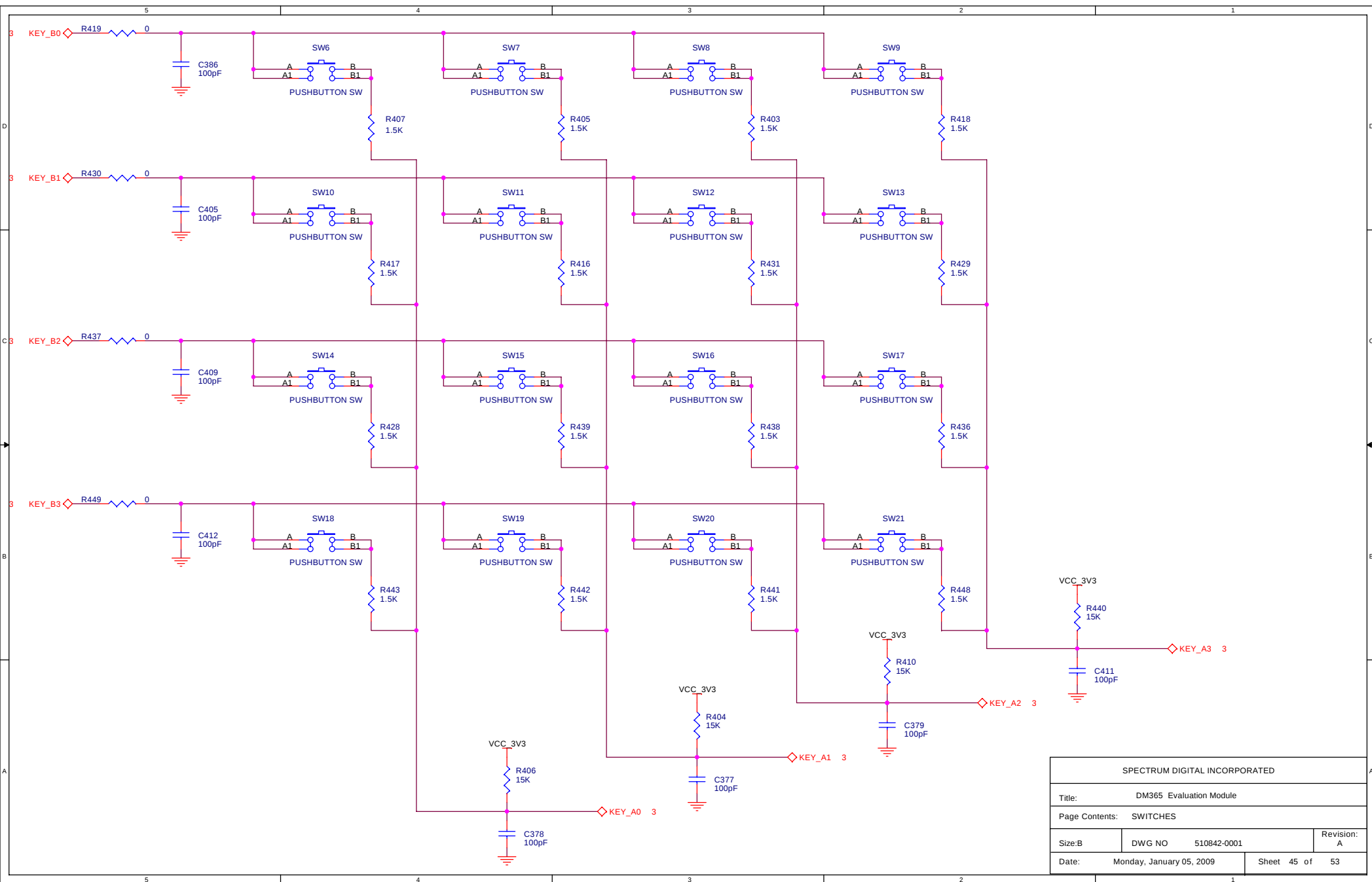


SPECTRUM DIGITAL INCORPORATED			
Title:		DM365 Evaluation Module	
Page Contents:		ETHERNET MUXES	
Size:B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009		Sheet 42 of 53

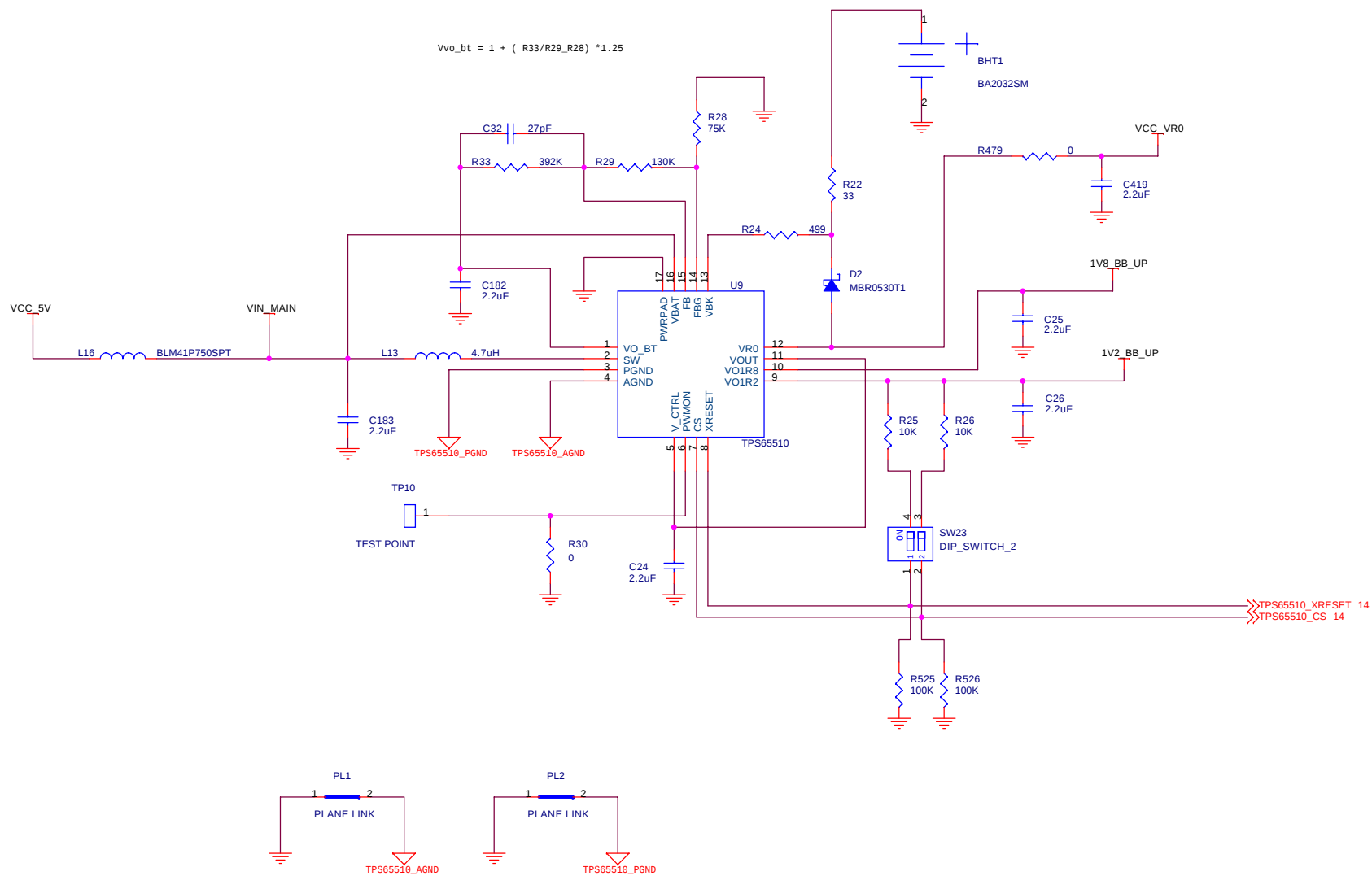




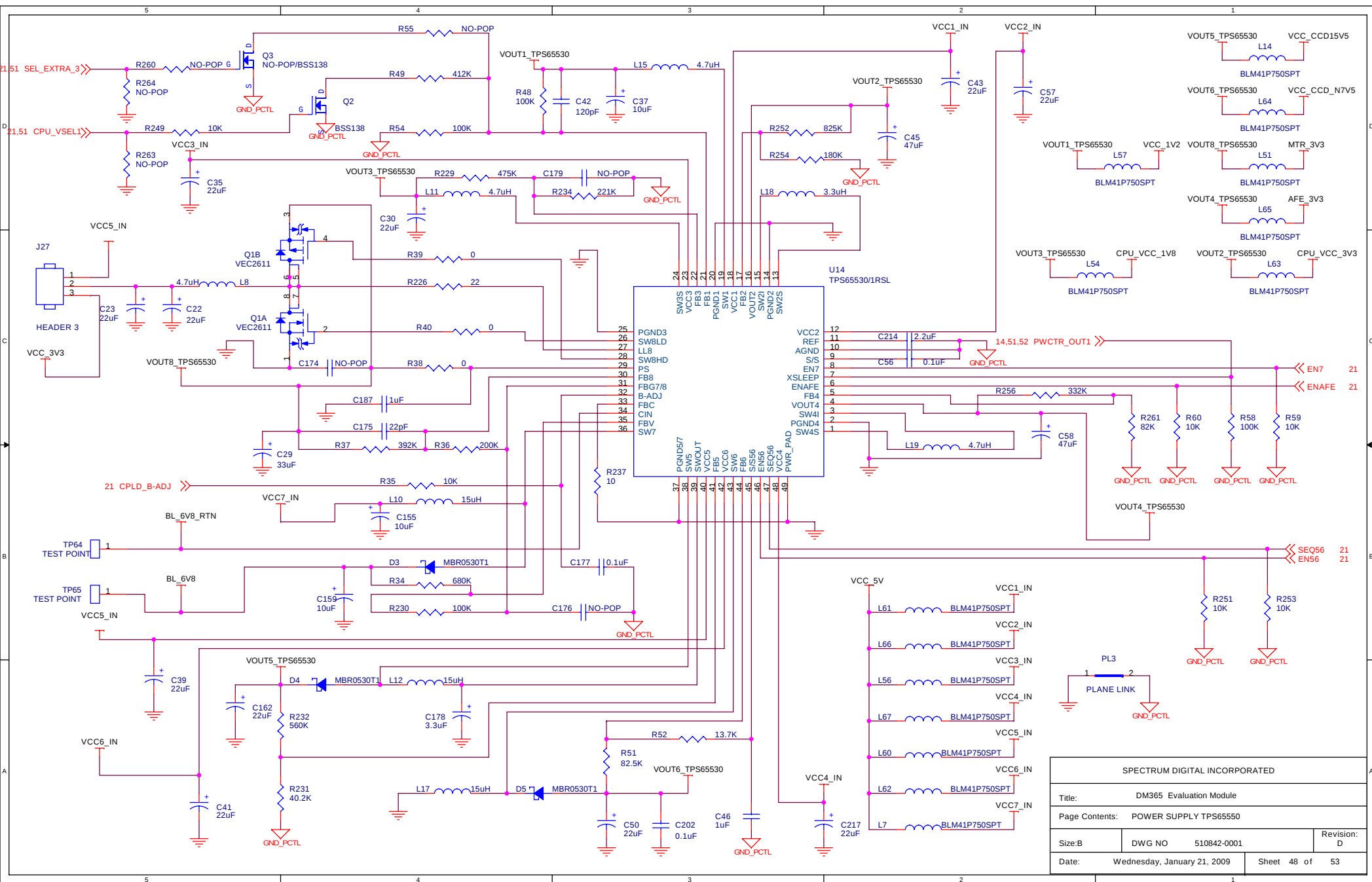
SPECTRUM DIGITAL INCORPORATED			
Title:		DM365 Evaluation Module	
Page Contents:		MSP430 & IR INTERFACE	
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 44 of	53

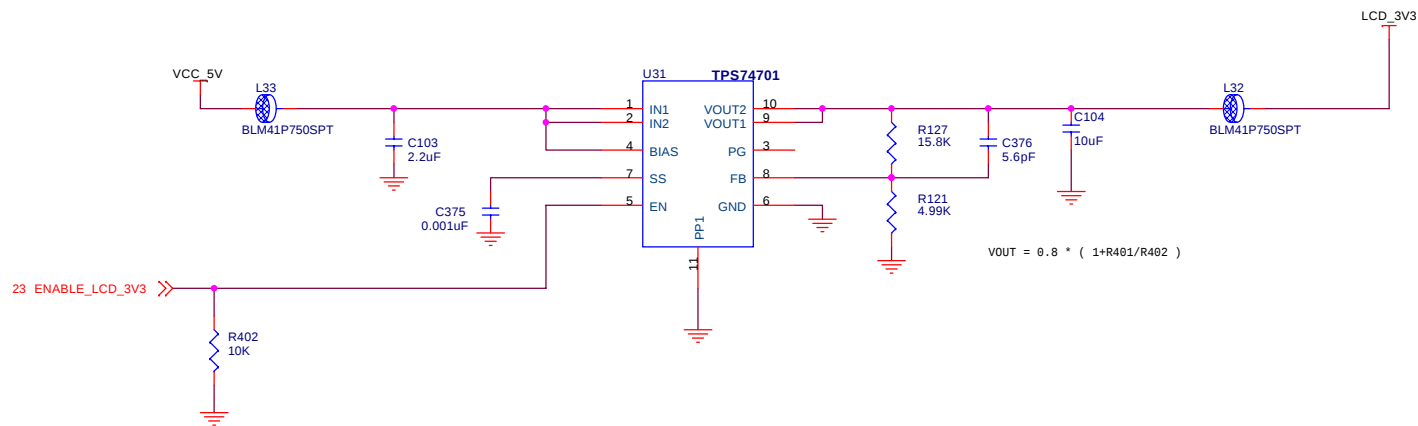
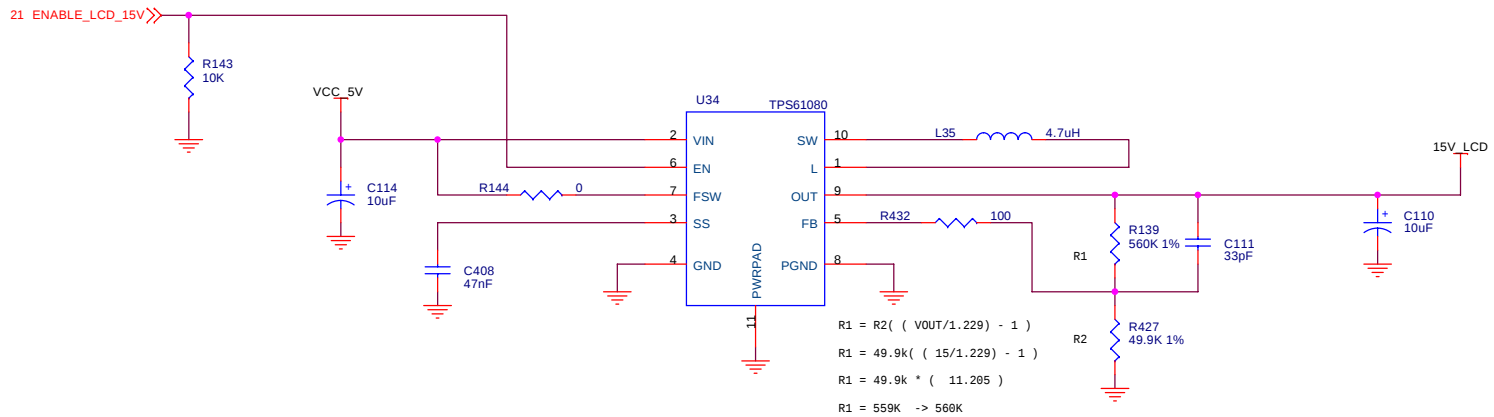


SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: SWITCHES			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 45 of	53



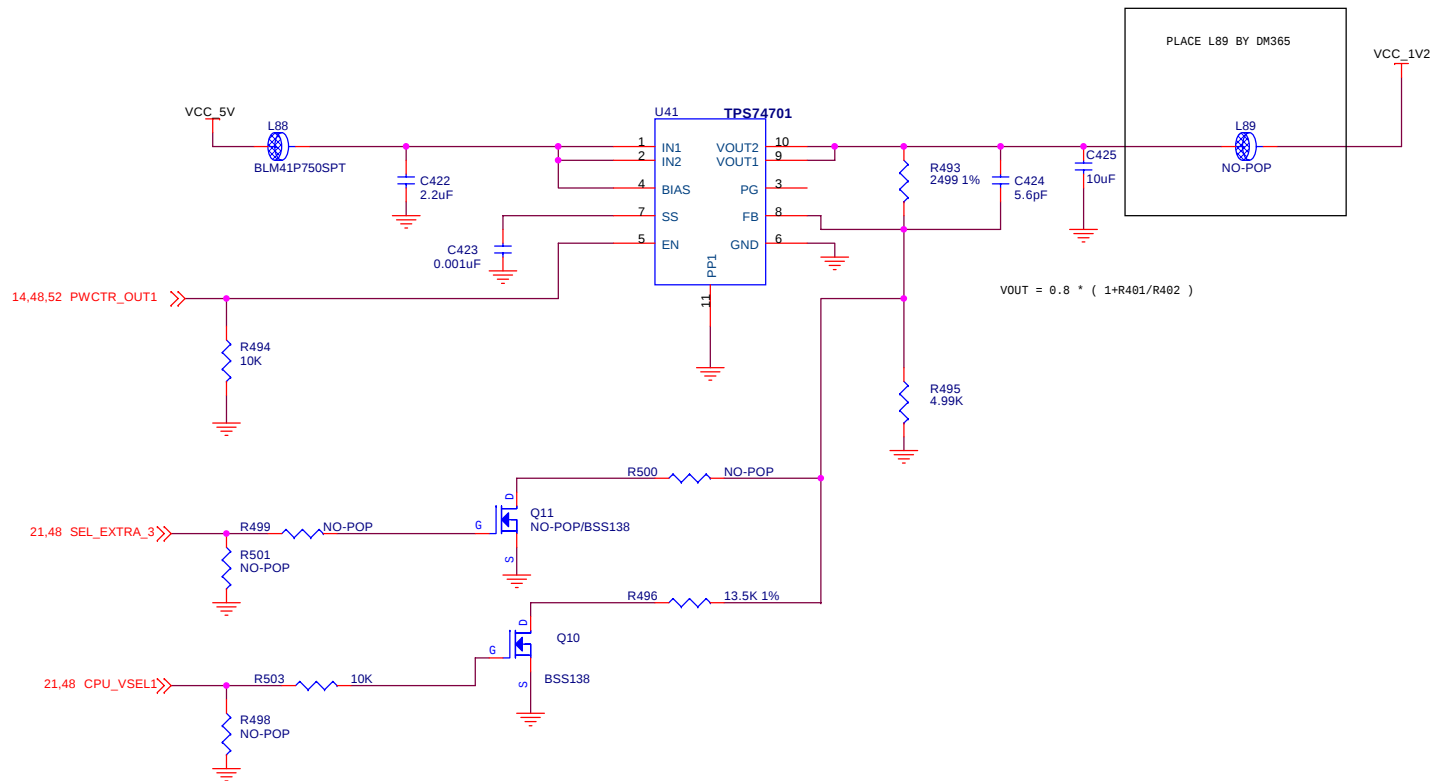
SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: POWER SUPPLY TPS65510			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009		Sheet 47 of 53





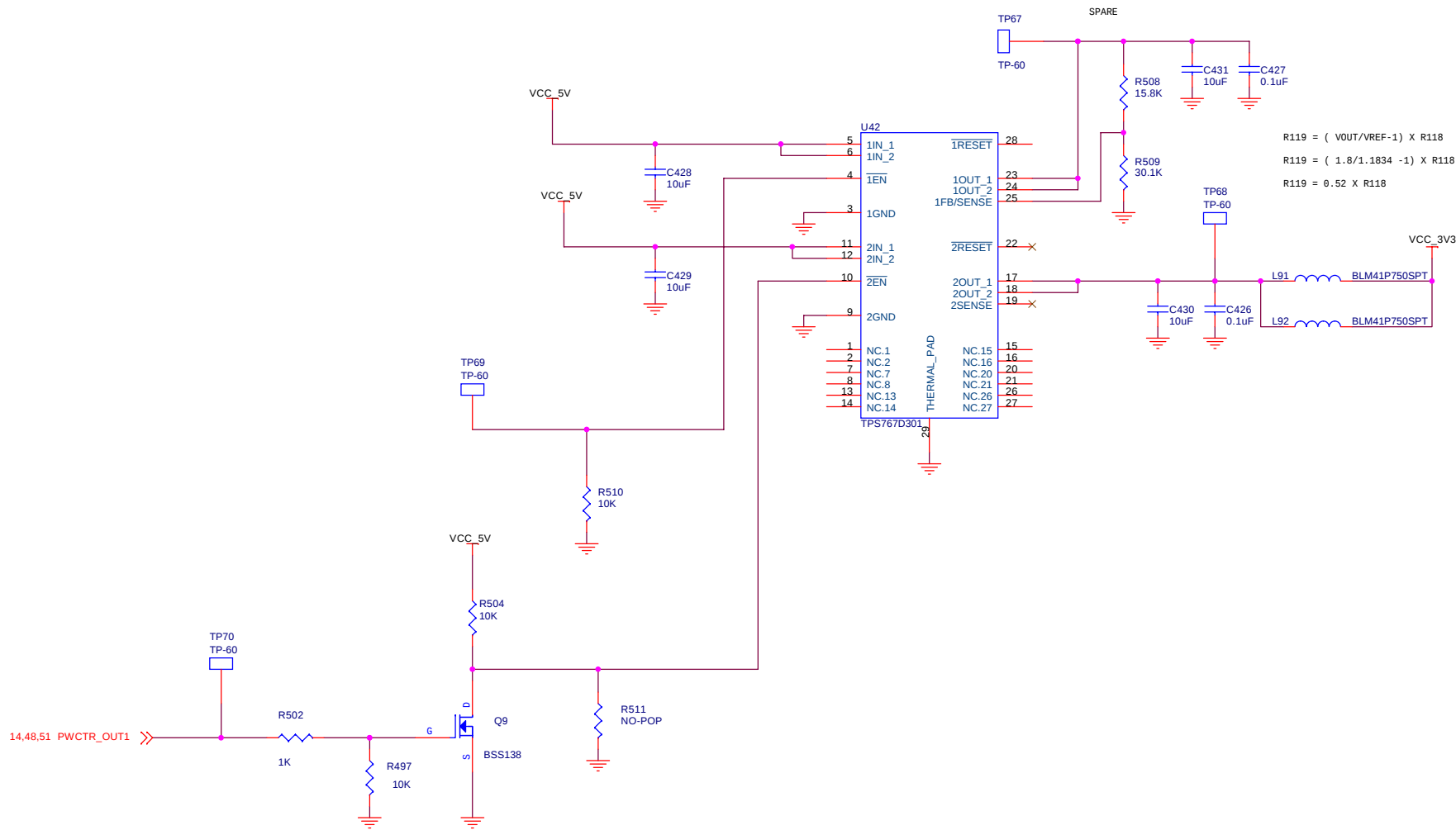
SPECTRUM DIGITAL INCORPORATED			
Title:		DM365 Evaluation Module	
Page Contents:		POWER SUPPLY	
Size:B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009		Sheet 49 of 53

5 4 3 2 1

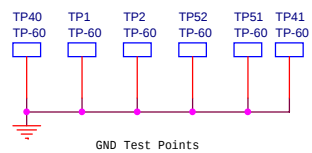
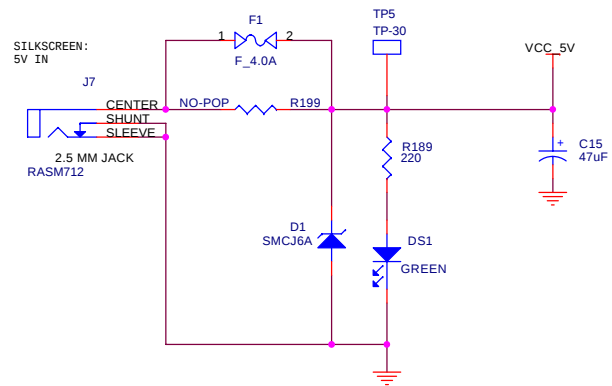


SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: ALTERNATE CPU POWER			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009	Sheet 51 of	53

5 4 3 2 1



SPECTRUM DIGITAL INCORPORATED			
Title:		DM365 Evaluation Module	
Page Contents:		POWER INPUT	
Size:B	DWG NO	510842-0001	Revision: A
Date:	Monday, January 05, 2009		Sheet 52 of 53



SPECTRUM DIGITAL INCORPORATED			
Title: DM365 Evaluation Module			
Page Contents: POWER INPUT			
Size: B	DWG NO	510842-0001	Revision: A
Date:	Wednesday, December 17, 2008	Sheet 53 of	53