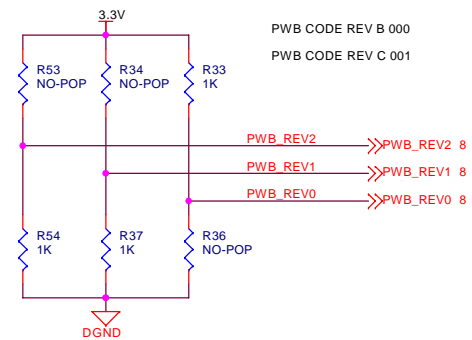
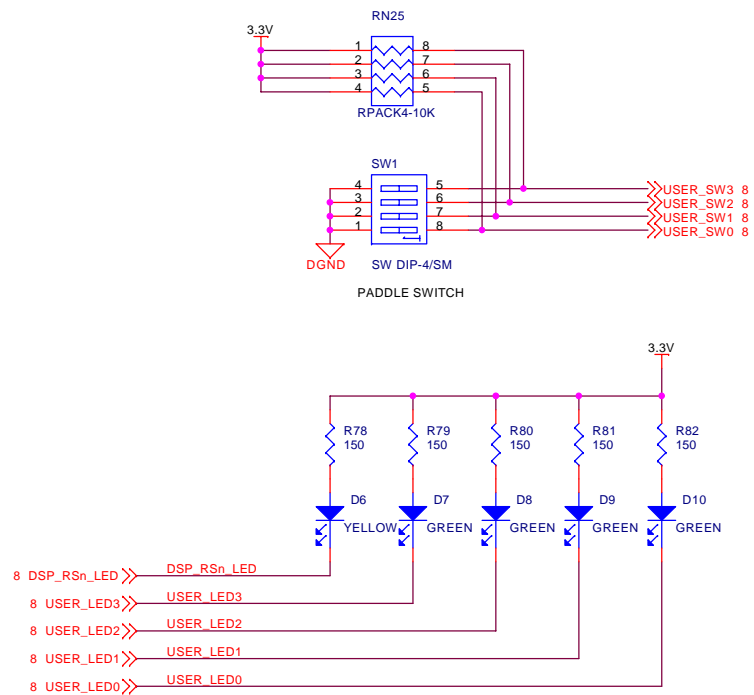


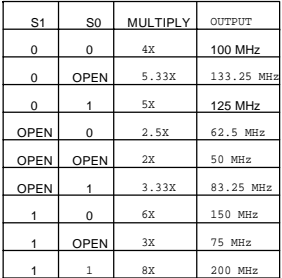
- 1 COVER SHEET
- 2 USER OPTIONS
- 3 Clock Inputs
- 4 645X DDR2 Interface
- 5 DDR2 Memories
- 6 645X EMIF A
- 7 BOOT Options
- 8 CPLD
- 9 FLASH MEMORY
- 10 645X MII INTERFACE

20 EMULATION INTERFACE
21 HIERARCHICAL BLOCKS
22 645X RGMII INTERFACE
23 645X DECOUPLING CAPS I
24 645X DECOUPLING CAPS II
25 POWER INPUT
26 AIC23 CODEC
27 ETHERNET PHY
28 DSK POWER SUPPLIES I
29 DSK POWER SUPPLIES II

SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: Title Block			
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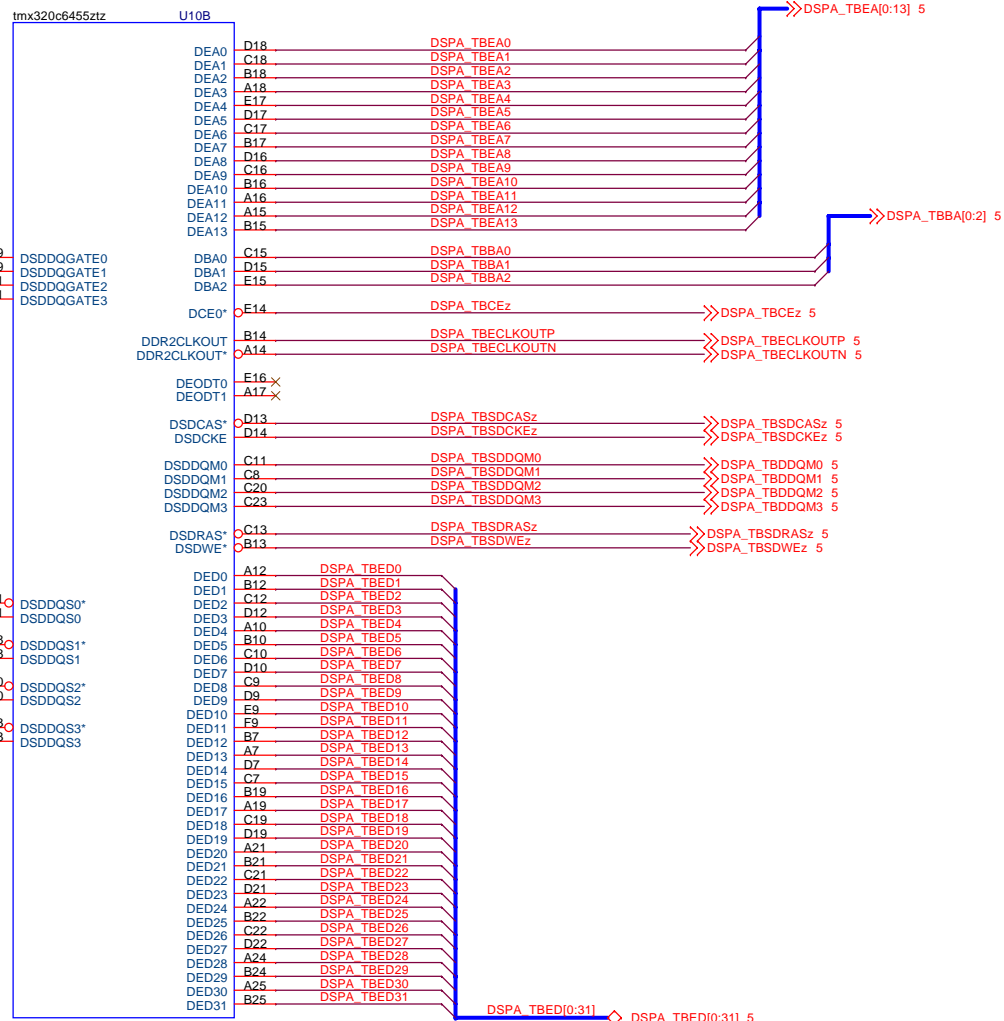
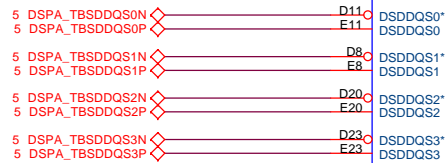
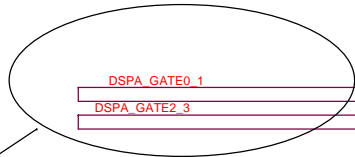
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Title:		TMS320C6455 DSK	
Page Contents:		Options	
Size: B	DWG NO	508552-0001	Revision: C
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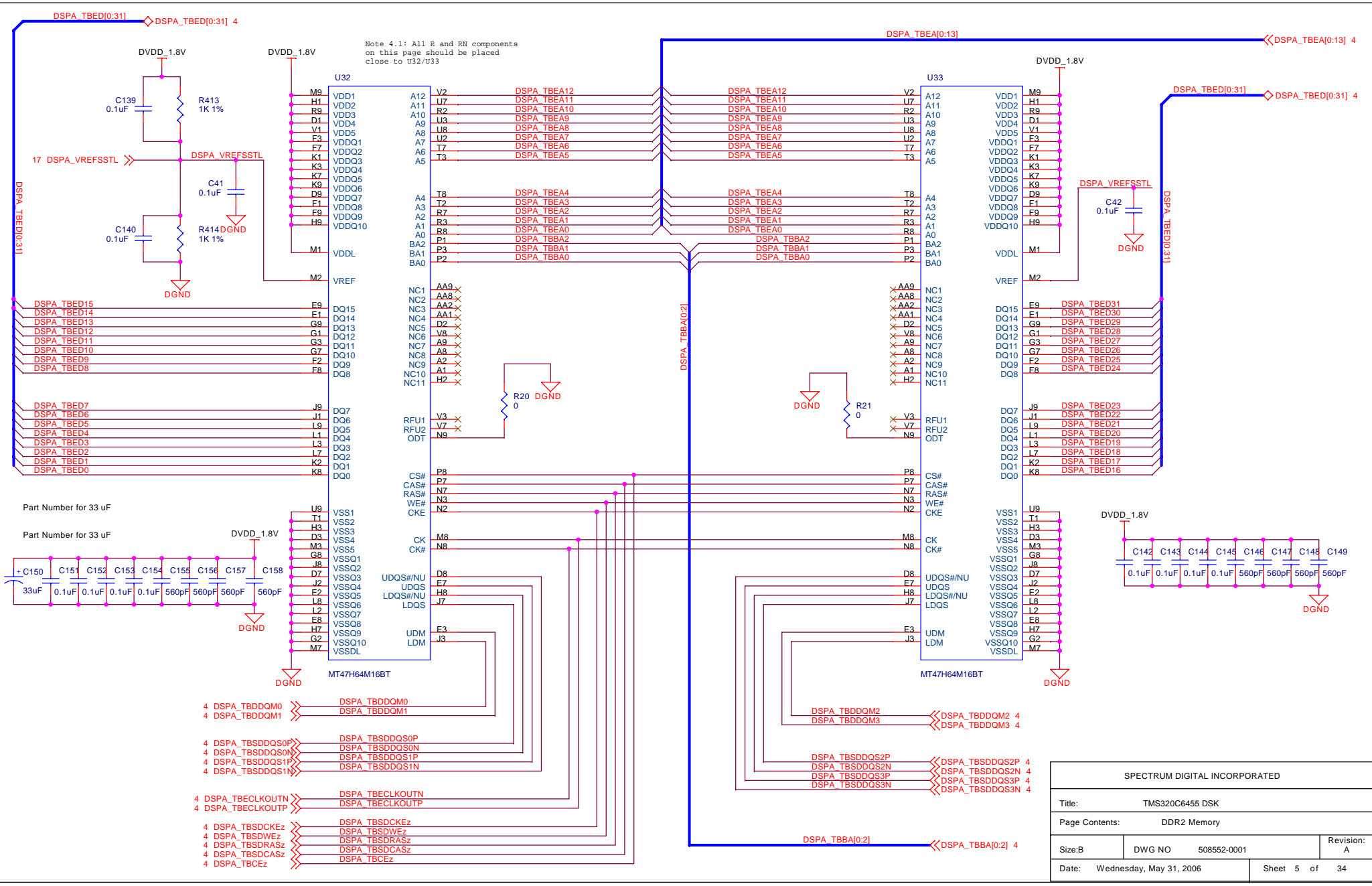
SPECTRUM DIGITAL INCORPORATED			
Title:		TMS320C6455 DSK	
Page Contents:		6455 CLOCK INPUTS	
Size:B	DWG NO	508552-0001	Revision: C
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NOTE: Route DUT_BSDDQGATE0 signals needs to run to DDR memories near D15-D0 and back to DUT_TBSDDQGATE1.

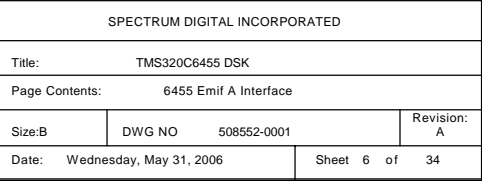
NOTE: Route DUT_BSDDQGATE2 signals needs to run to DDR memories near D31-D16 and back to DUT_TBSDDQGATE3.

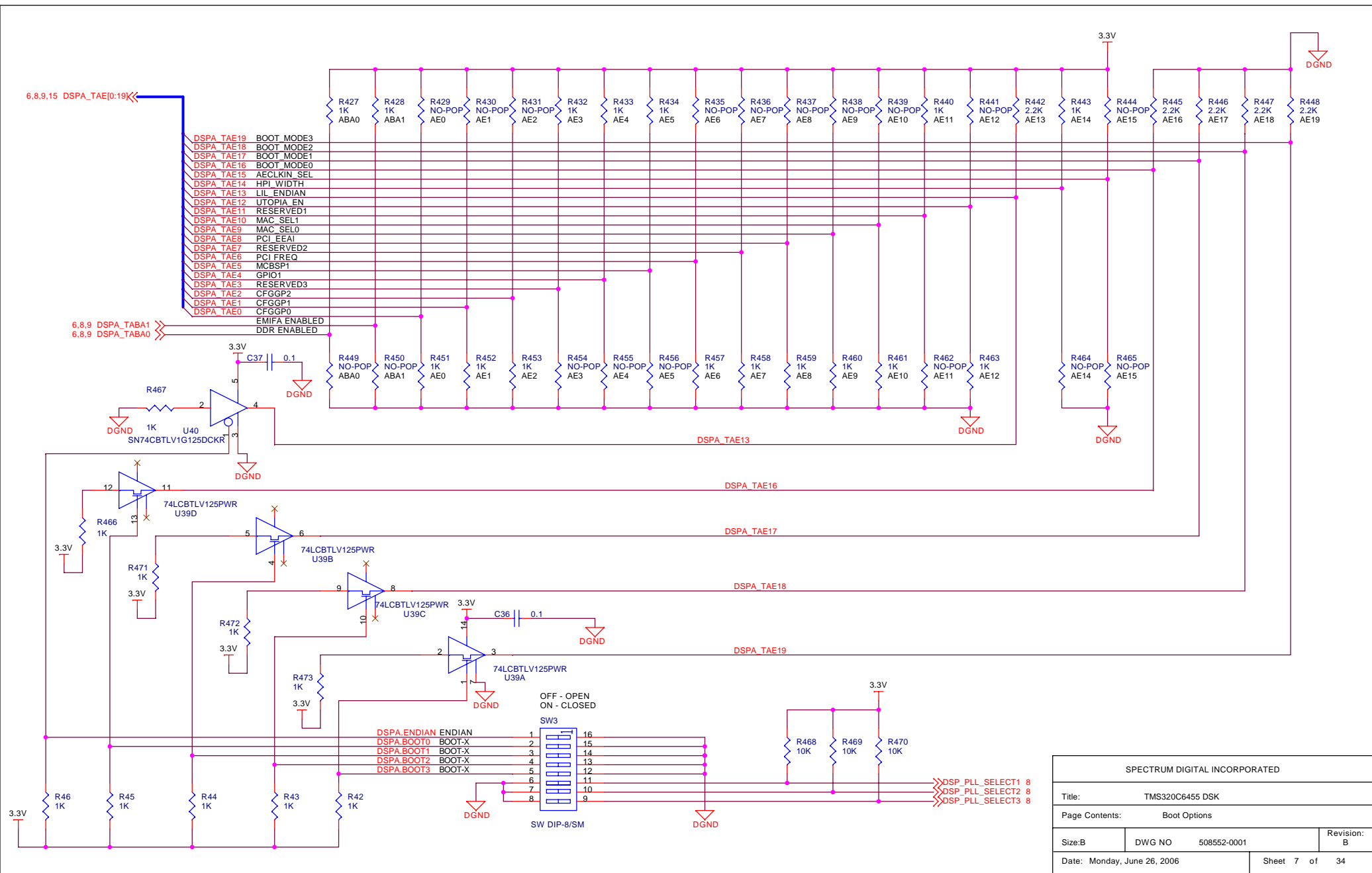


SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: 6455 DDR Interface			
Size: B	DWG NO	508552-0001	Revision: A
Date:	Wednesday, May 31, 2006	Sheet 4 of	34

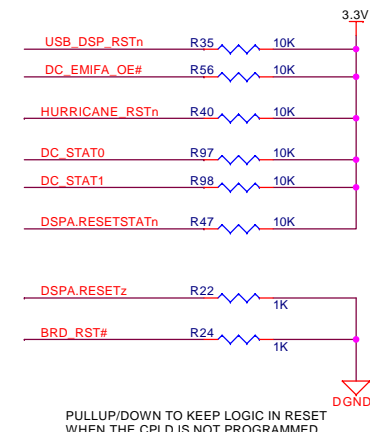
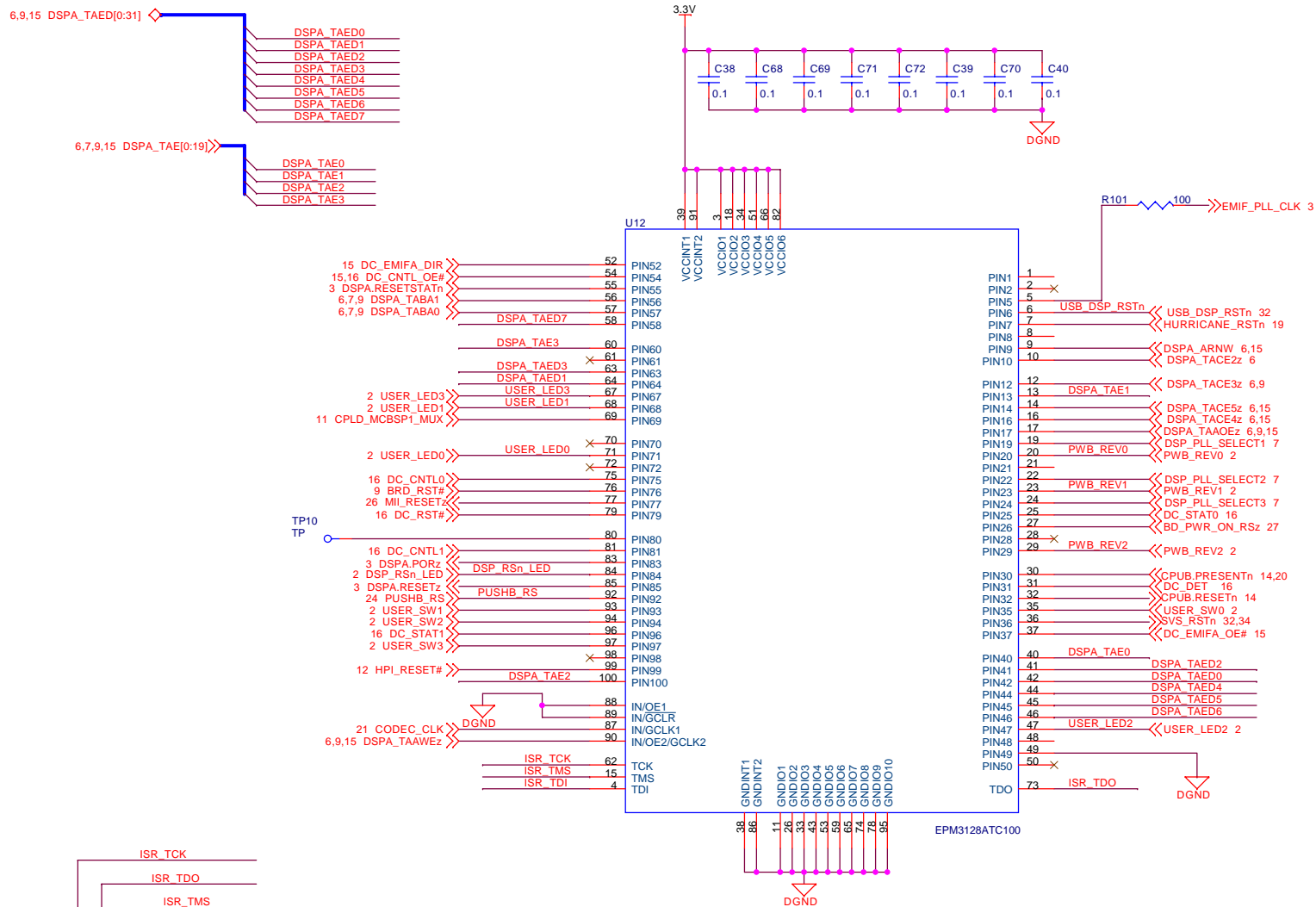


SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: DDR2 Memory			
Size: B	DWG NO	508552-0001	Revision: A
Date: Wednesday, May 31, 2006	Sheet 5 of 34		

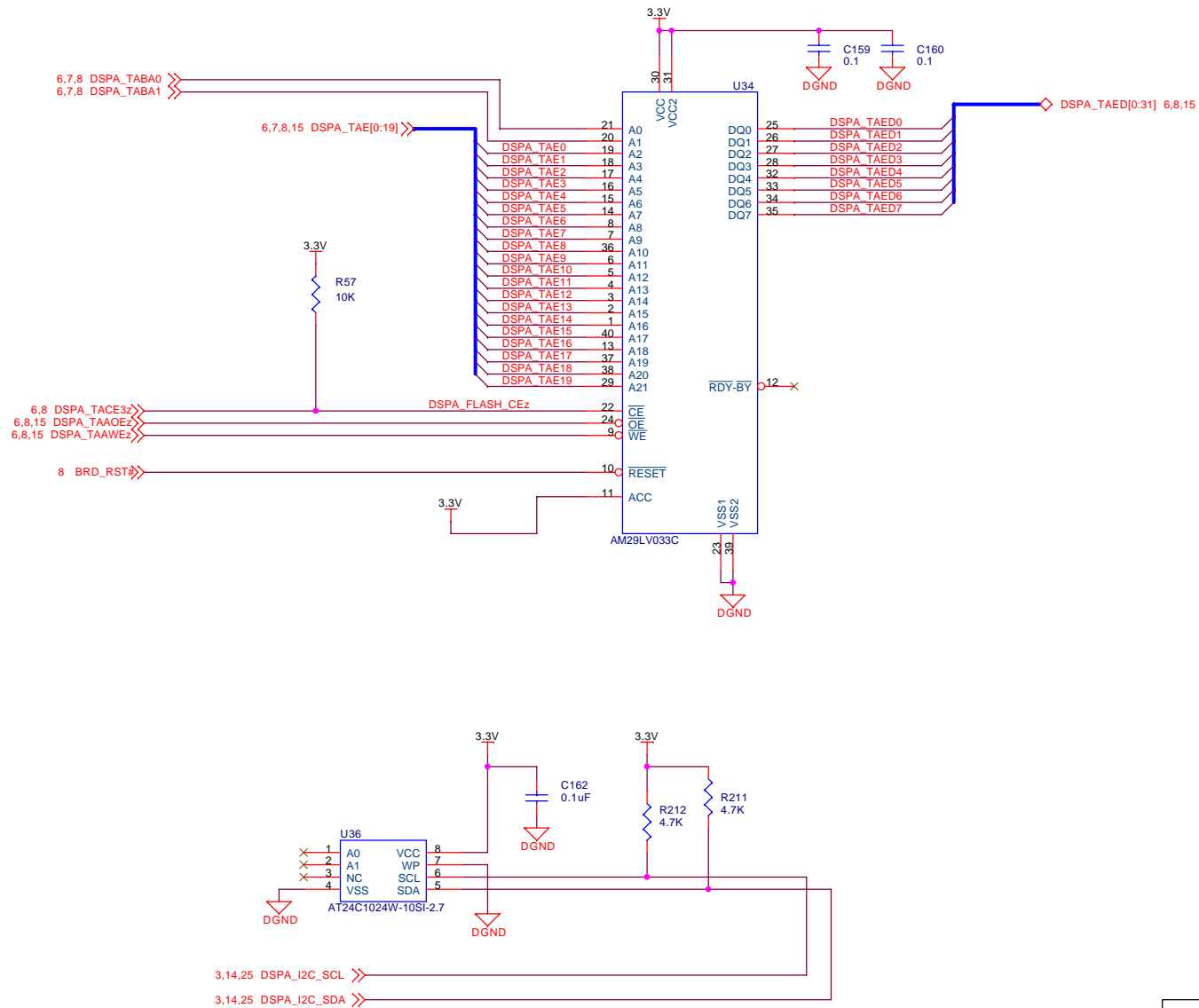




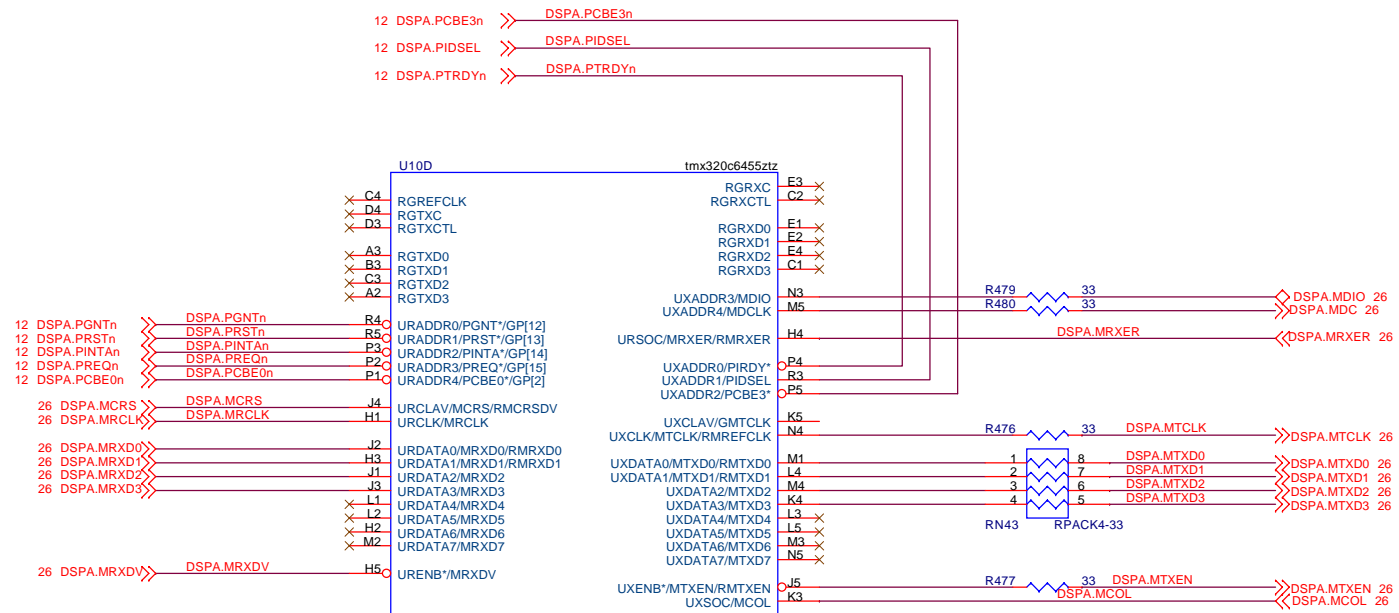
SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: Boot Options			
Size: B	DWG NO	508552-0001	Revision: B
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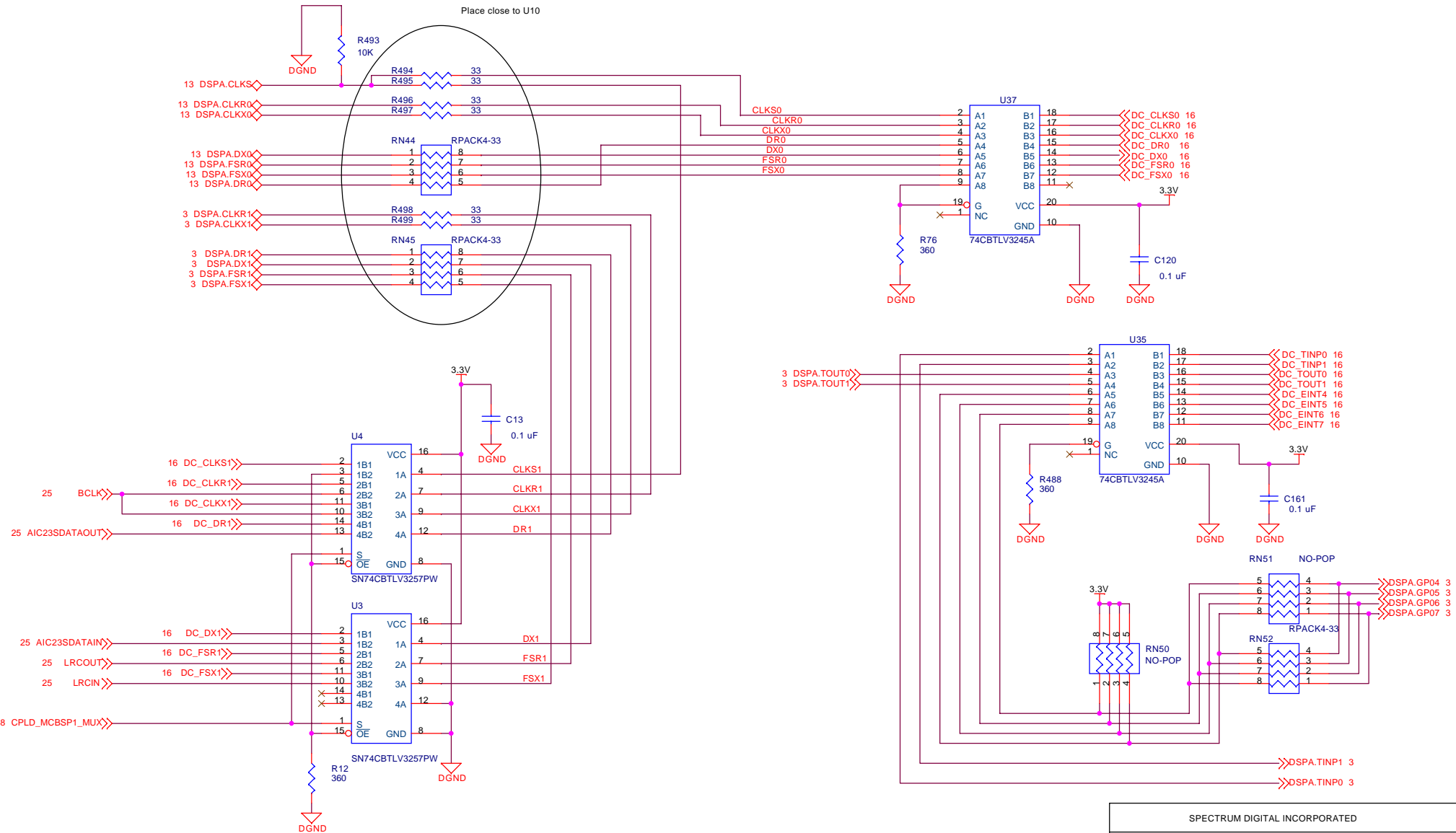
SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: CPLD INTERFACE			
Size: B	DWG NO	508552-0001	Revision: C
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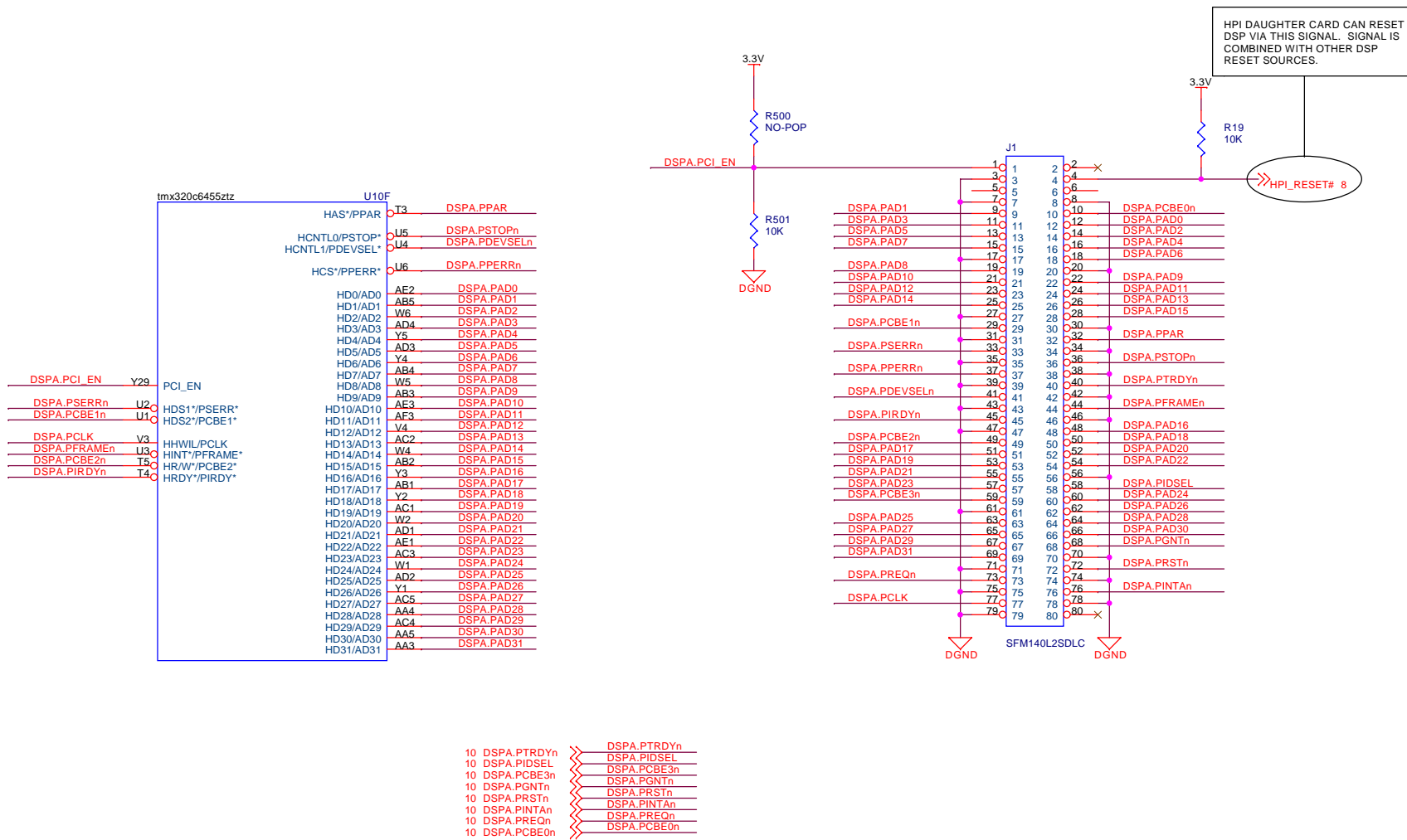
SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: Flash			
Size:B	DWG NO	508552-0001	Revision: A
Date:	Wednesday, May 31, 2006	Sheet 9 of	34



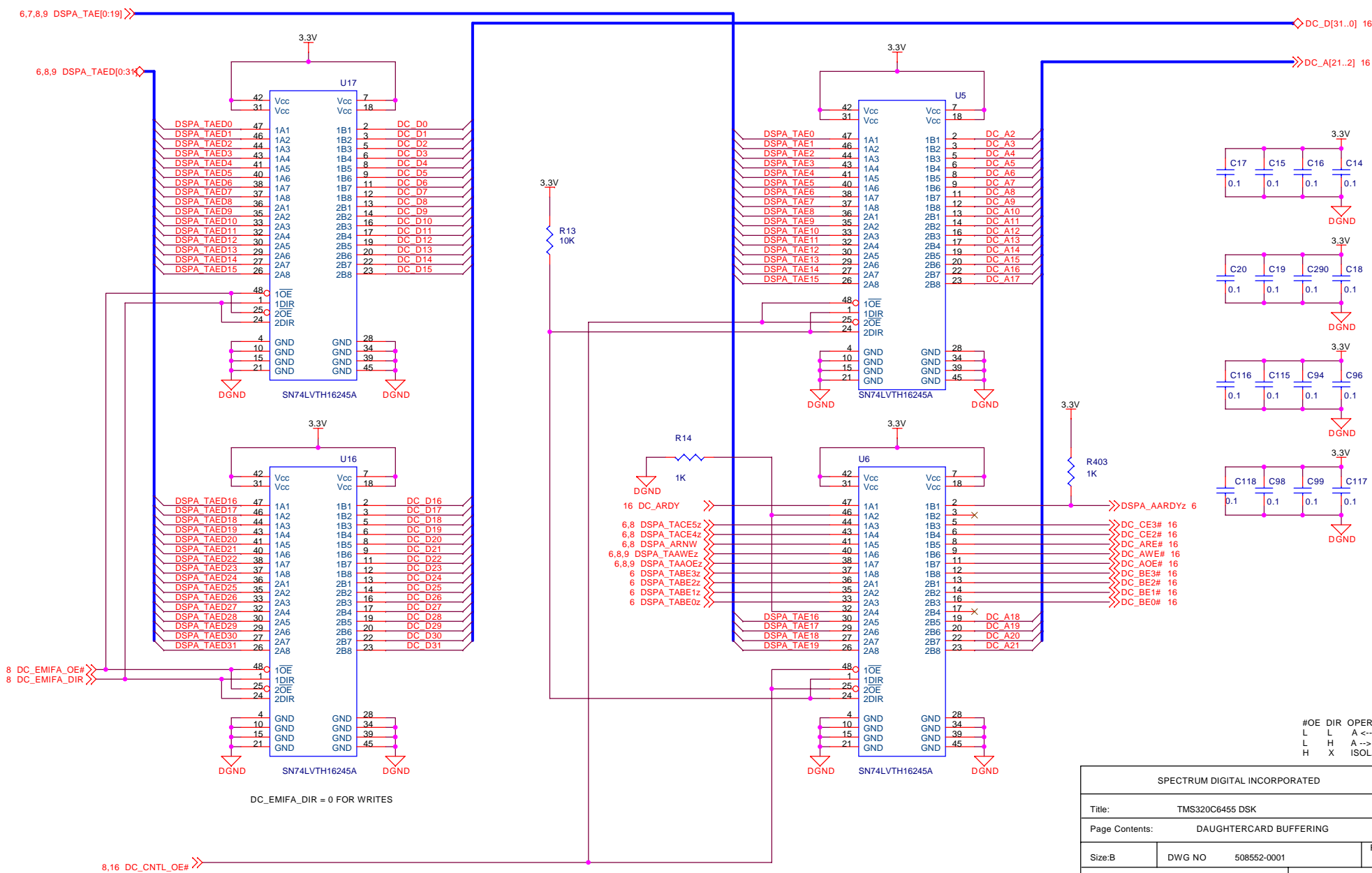
SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: MII Interface			
Size: B	DWG NO	508552-0001	Revision: A
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SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: McBSP Interface			
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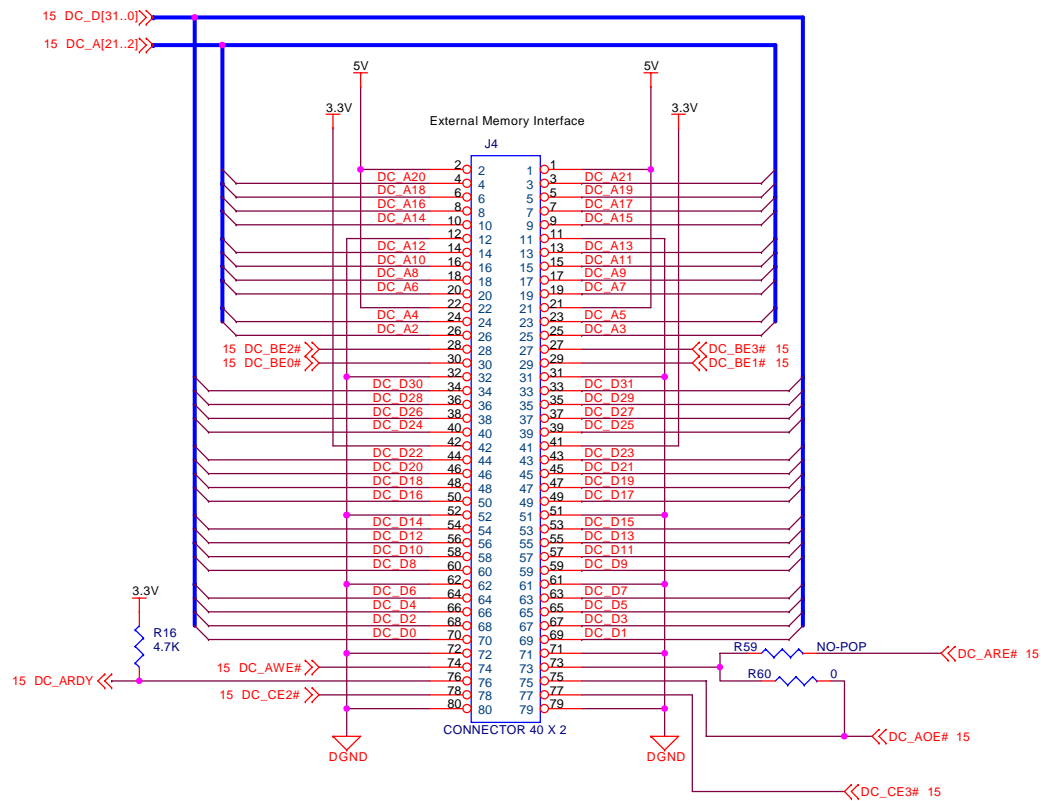


SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: PCI/HOST PORT INTERFACE			
Size: B	DWG NO	508552-0001	Revision: A
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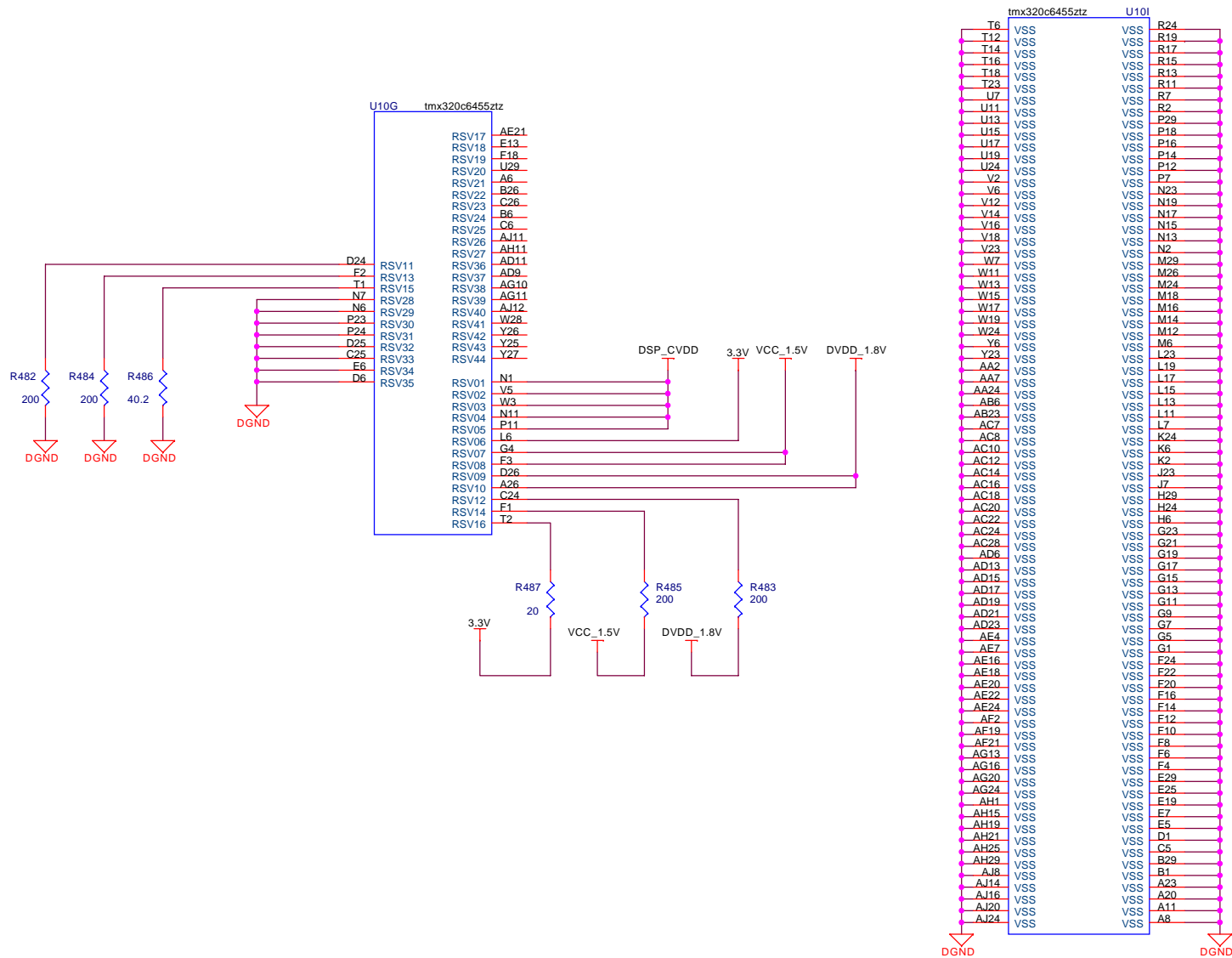


#OE DIR OPERATION
L L A <-> B
L H A -> B
H X ISOLATION

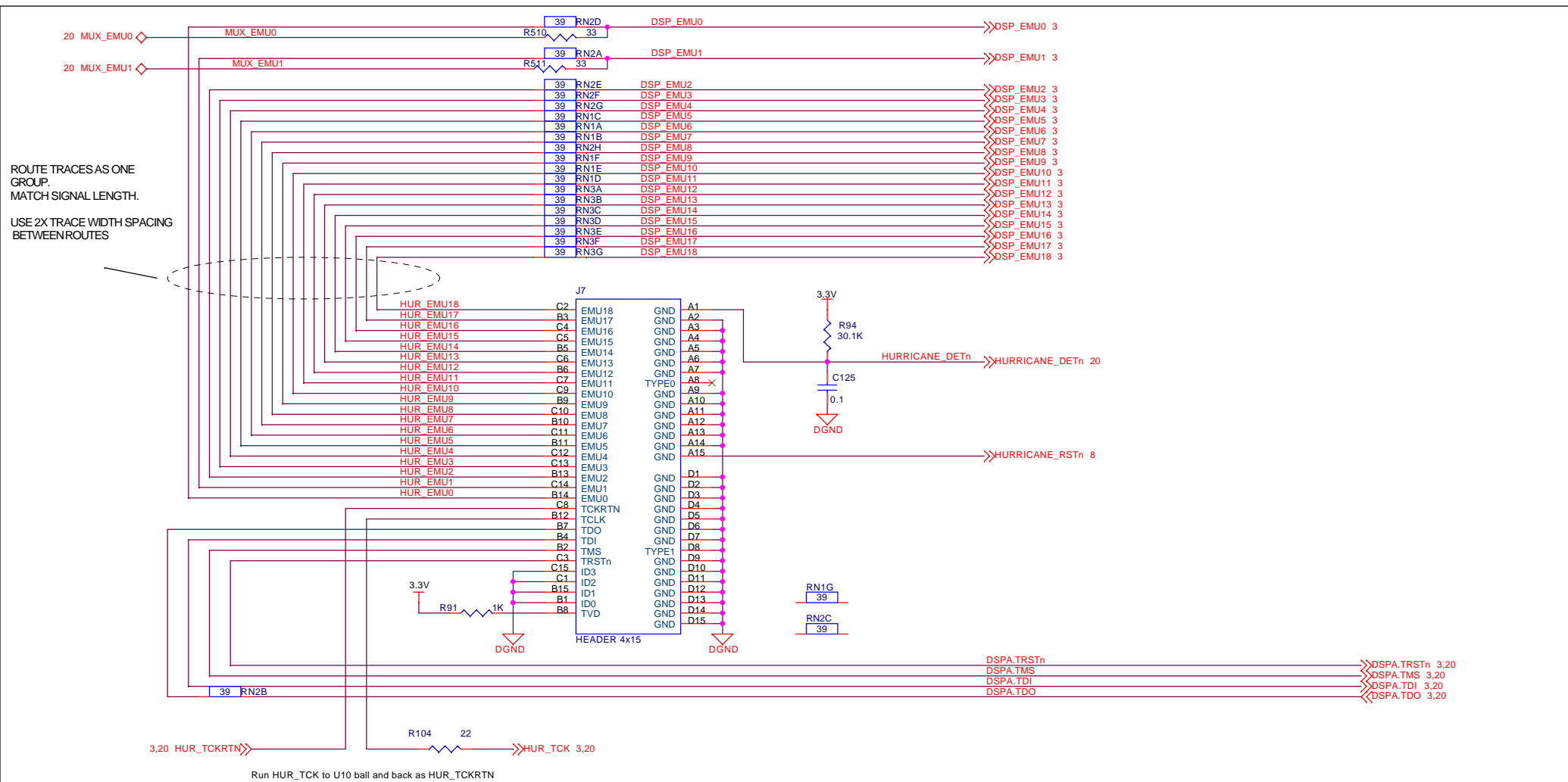
SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: DAUGHTERCARD BUFFERING			
Size:B	DWG NO	508552-0001	Revision: C
Date:	Wednesday, May 31, 2006	Sheet 15 of	34



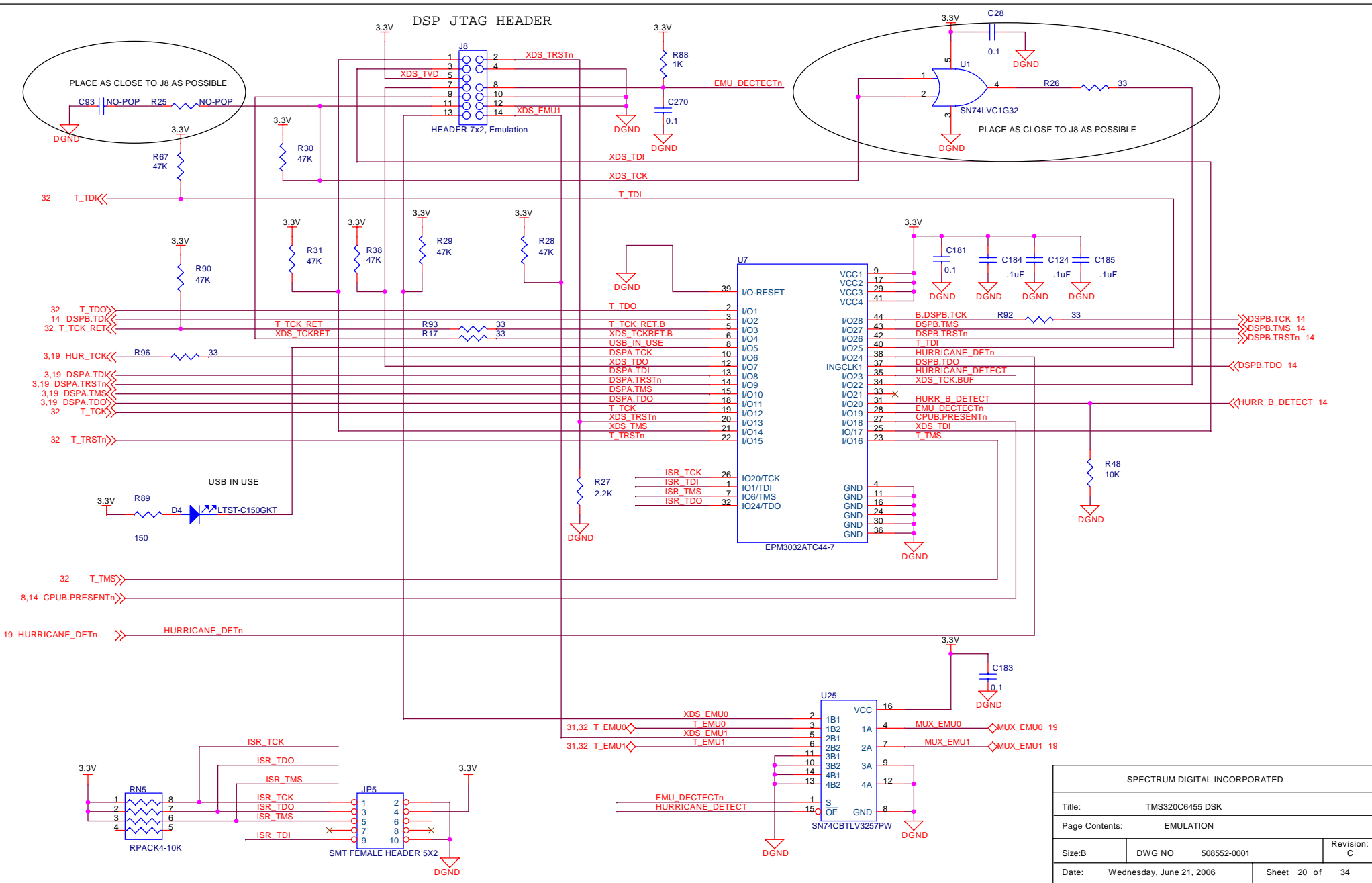
SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: DAUGHTERCARD I/F			
Size:B	DWG NO 508552-0001		Revision: C
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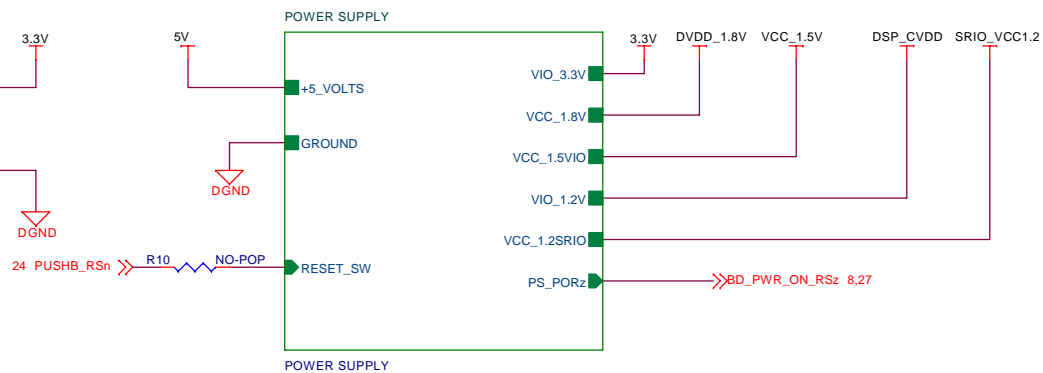
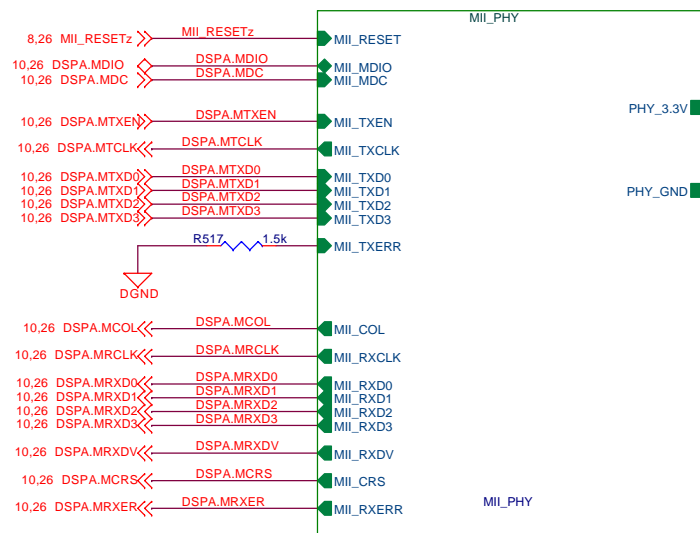
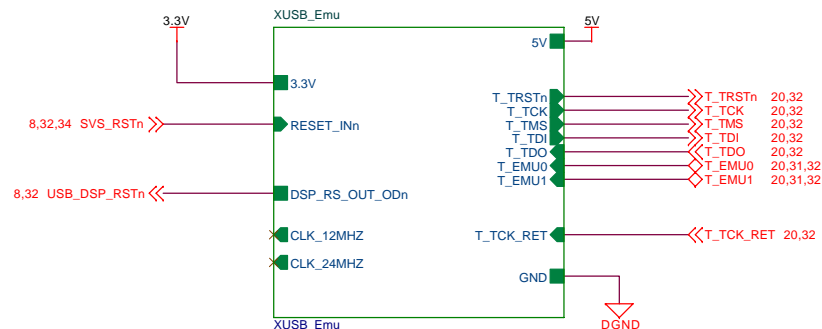
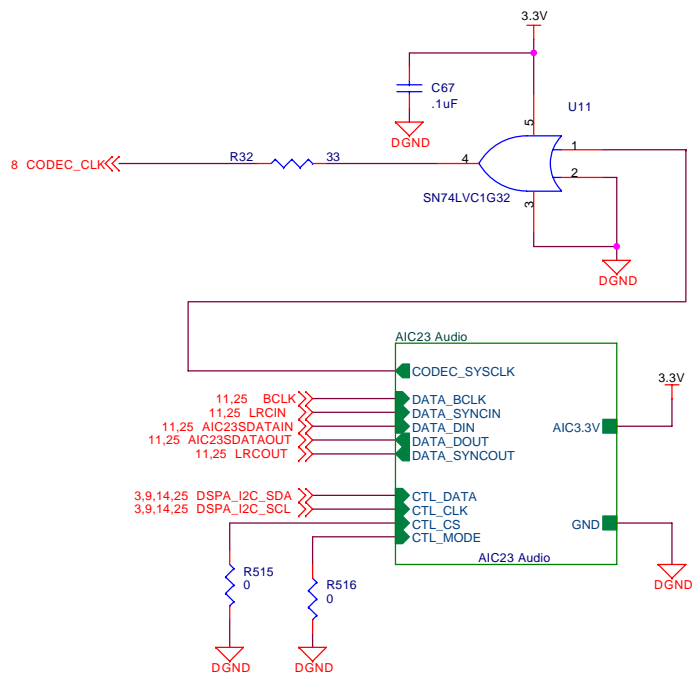
SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: 6455 POWER PINS II			
Size: B	DWG NO	508552-0001	Revision: A
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SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: 60 Pin Emulation			
Size: B	DWG NO	508552-0001	Revision: A
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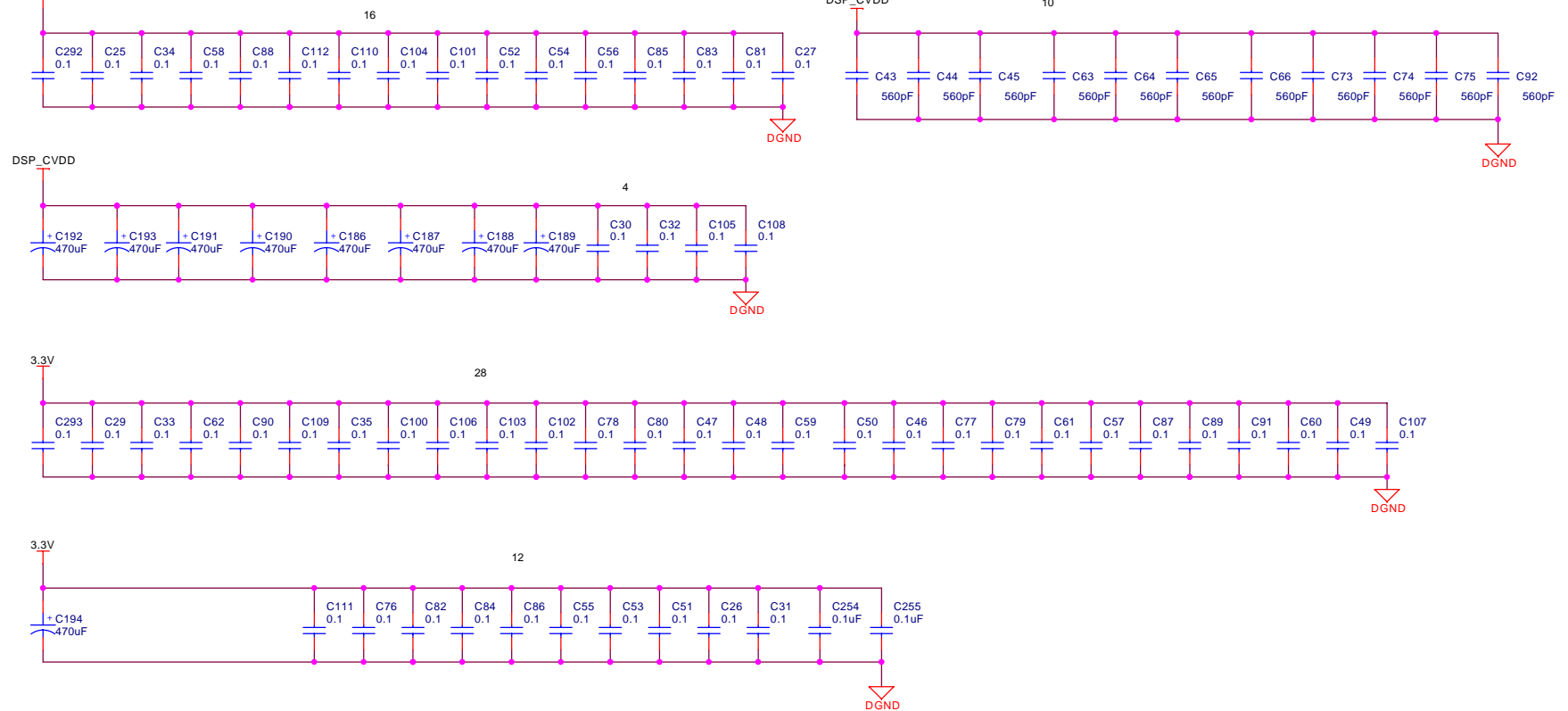


SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: EMULATION			
Size:B	DWG NO 508552-0001		Revision: C
Date:	Wednesday, June 21, 2006	Sheet 20 of	34

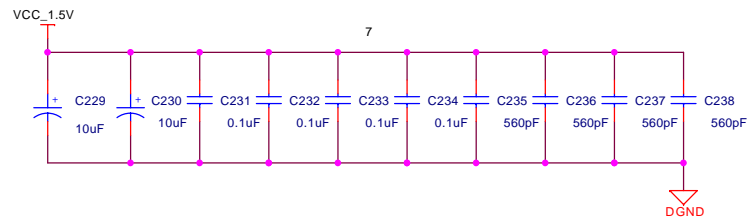
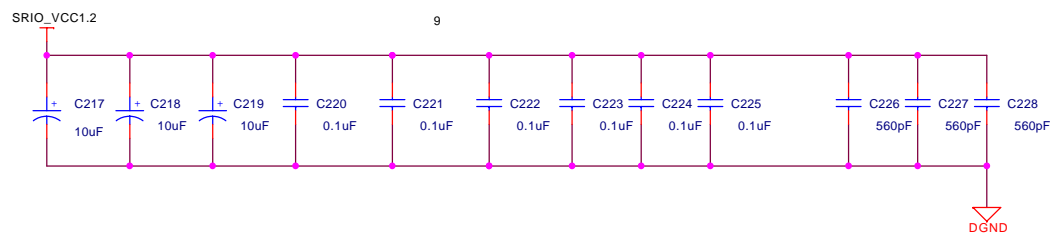
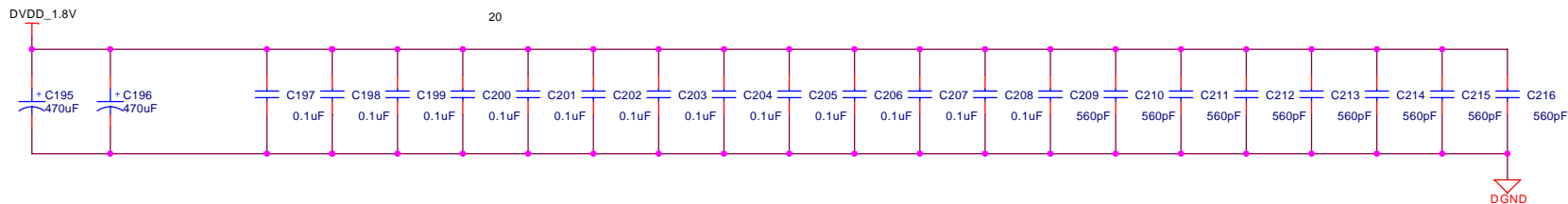


SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: Hierarchical Blocks			
Size: B	DWG NO	508552-0001	Revision: A
Date: Thursday, June 22, 2006	Sheet 21 of 34		

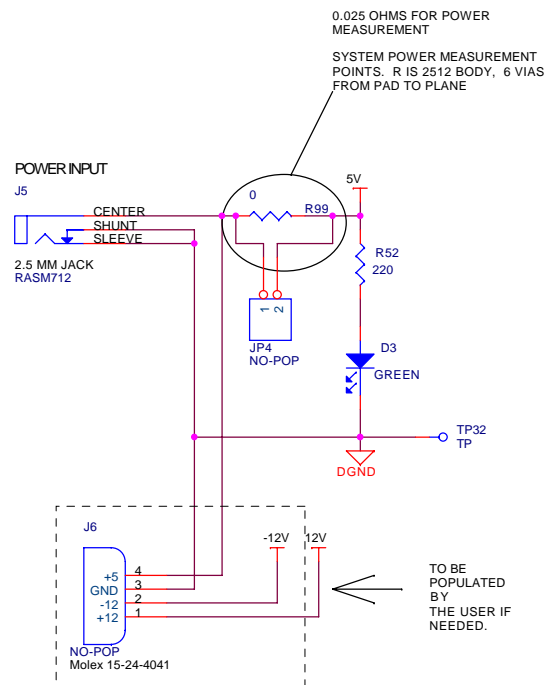
DSP_CVDD All capacitors on this sheet are decoupling capacitors for the DSP. They should be placed as close as possible to the DSP.



SPECTRUM DIGITAL INCORPORATED			
Title:		TMS320C6455 DSK	
Page Contents:		Decoupling Caps	
Size: B	DWG NO	508552-0001	Revision: A
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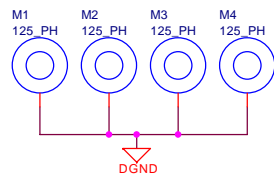


SPECTRUM DIGITAL INCORPORATED			
Title:		TMS320C6455 DSK	
Page Contents:		Decoupling Caps II	
Size: B	DWG NO	508552-0001	Revision: A
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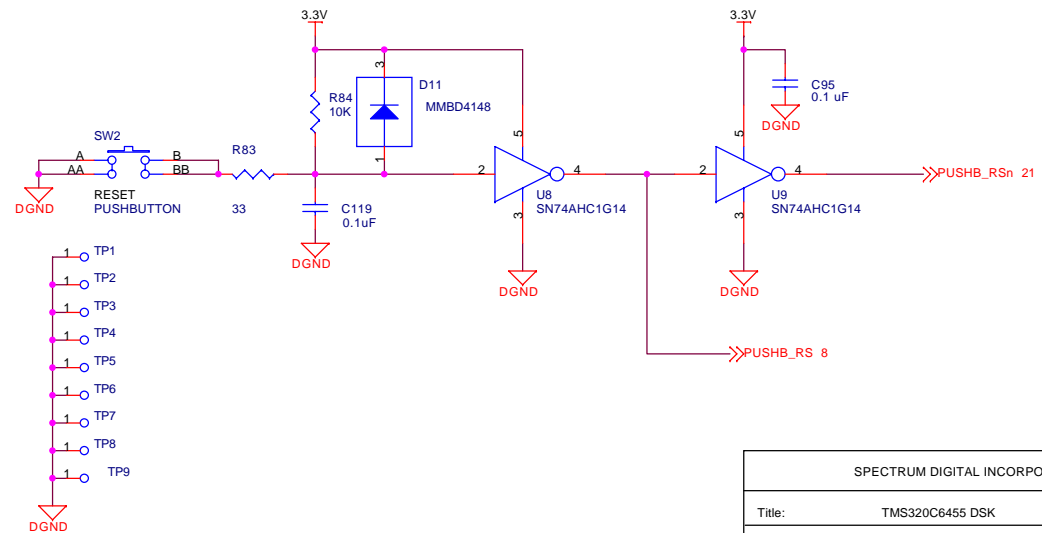


WARNING:
DO NOT SUPPLY POWER TO BOTH
POWER CONNECTORS AT THE
SAME TIME!

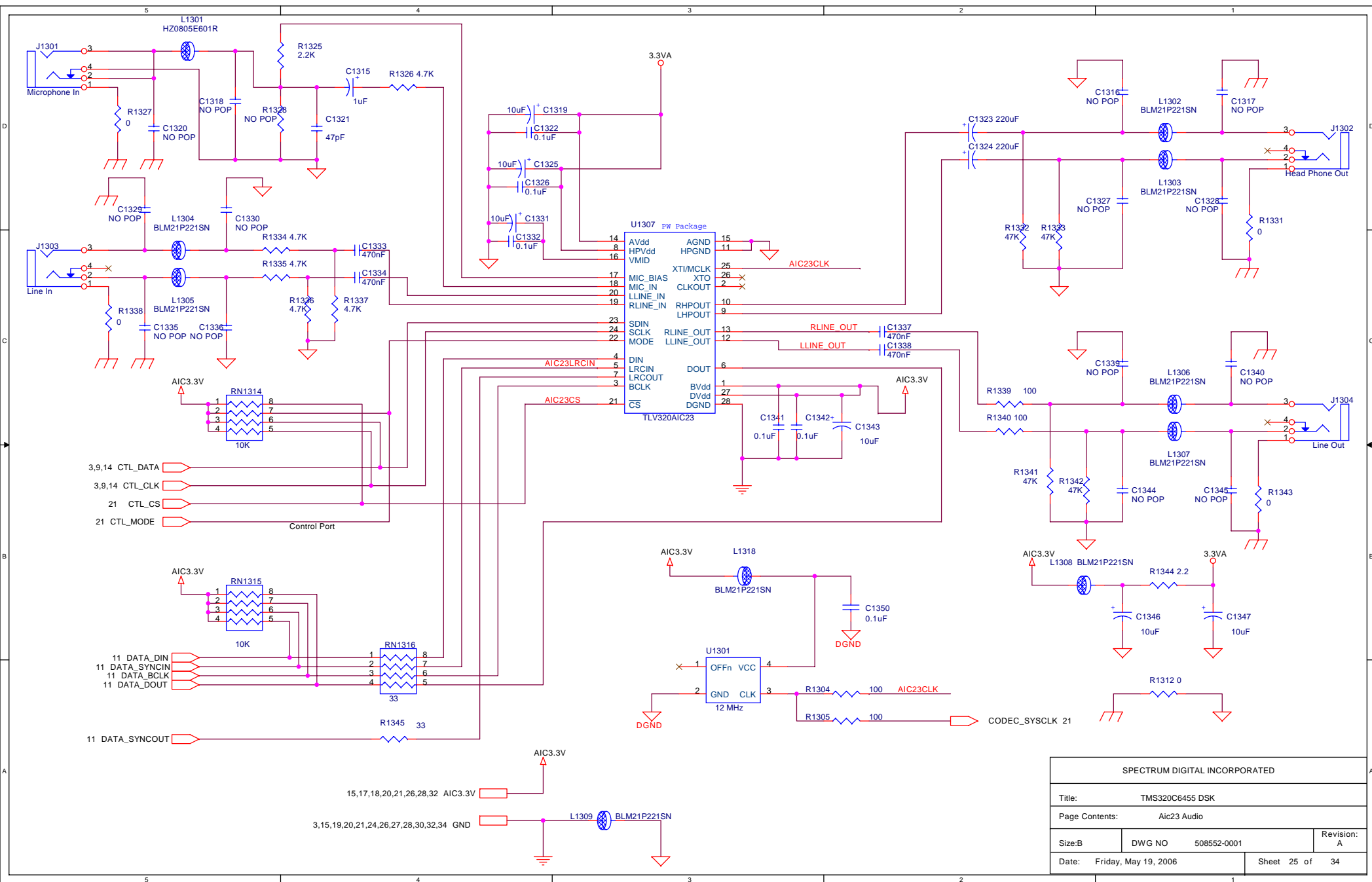
DAUGHTERCARD STANDOFF GROUNDING



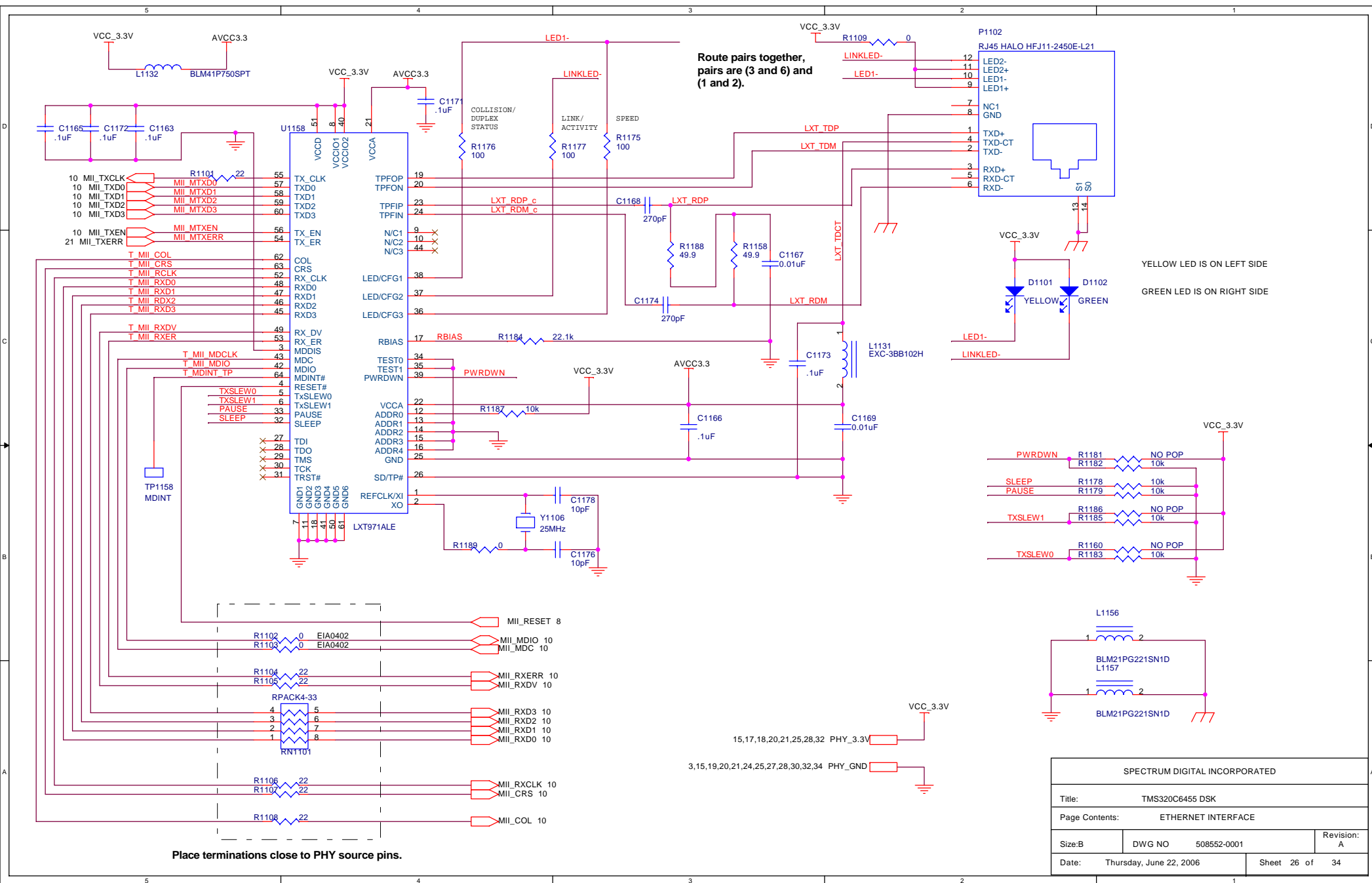
KEEP TRACES A MINIMUM
OF 0.070 INCHES FROM
THESE HOLES.

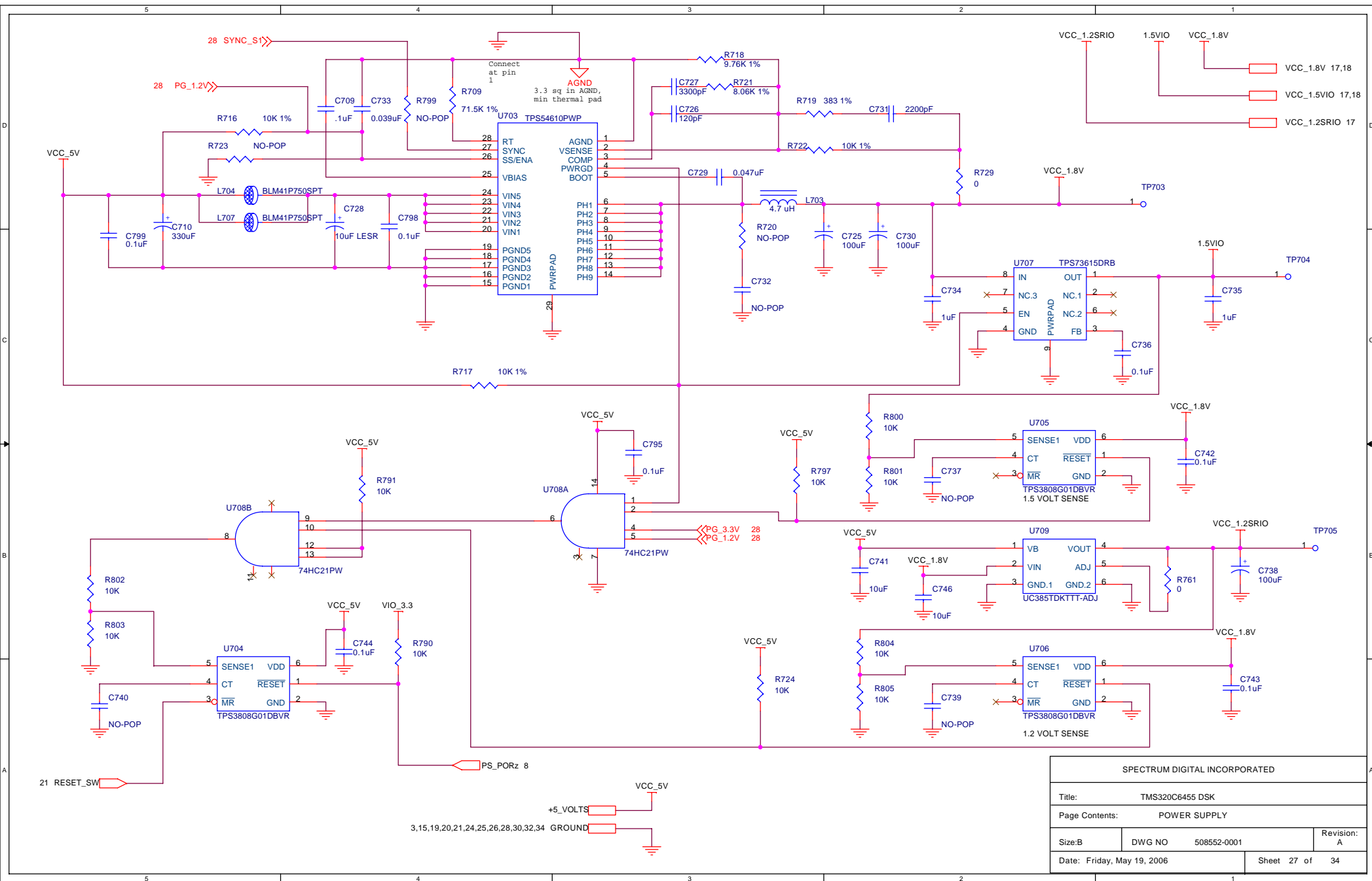


SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: Power Input			
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SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: Aic23 Audio			
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SPECTRUM DIGITAL INCORPORATED			
Title: TMS320C6455 DSK			
Page Contents: POWER SUPPLY			
Size: B	DWG NO	508552-0001	Revision: A
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