

REV	DATE	BY	CHANGE
A	6/14/2011	BBT	Initial cutdown release from original design.

*This work is licensed under the Creative Commons Attribution-Share Alike 3.0 Unported License. To view a copy of this license, visit <http://creativecommons.org/licenses/by-sa/3.0/> or send a letter to Creative Commons, 171 Second Street, Suite 300, San Francisco, California, 94105, USA.*

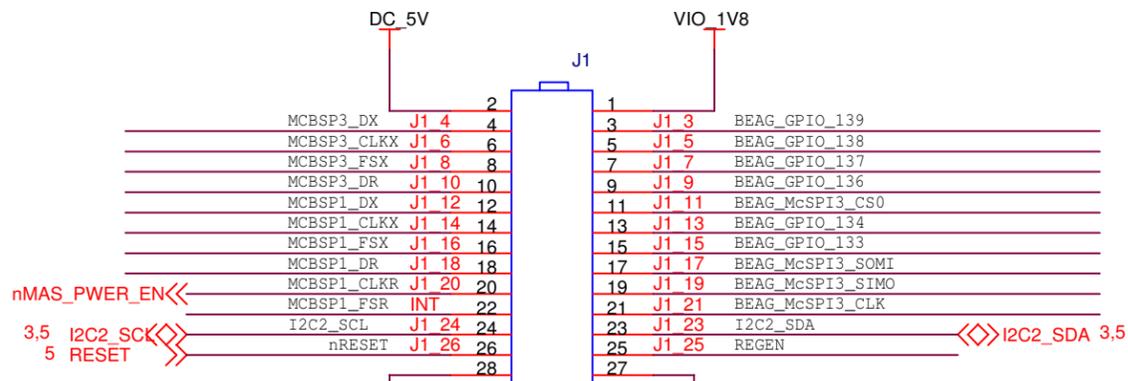
*All derivative works are to be attributed to CircuitCo LLC .*

*For more information, see [http://creativecommons.org/license/results-one?license\\_code=by-sa](http://creativecommons.org/license/results-one?license_code=by-sa)*

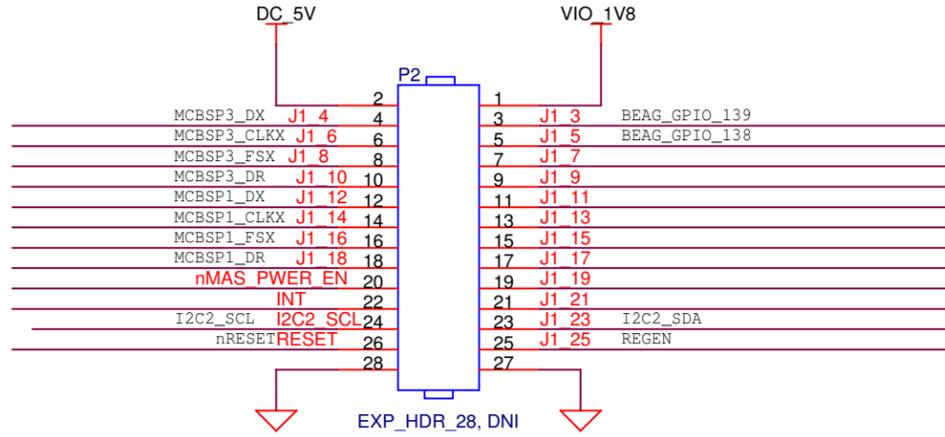
This work is licensed under the Creative Commons Attribution-Share Alike 3.0 Unported License. All derivative works are to be attributed to CircuitCo LLC.		 <b>beagleboardtoys.com</b>	1380 Presidential Dr. #100 Richardson, TX 75081 <a href="http://www.beagleboardtoys.com">www.beagleboardtoys.com</a>	
beagleboardtoys is owned by CircuitCo LLC.			Title ULCD7-LITE COVER PAGE	Rev A
Size B	Document Number SCHEM_ULCD7_100	Date: Thursday, October 13, 2011	Sheet 1	of 7



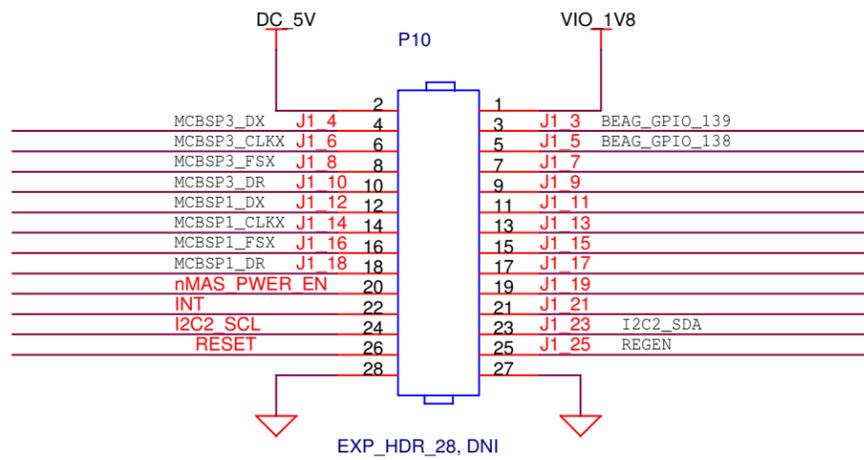
# Beagle LCD RGB Interface



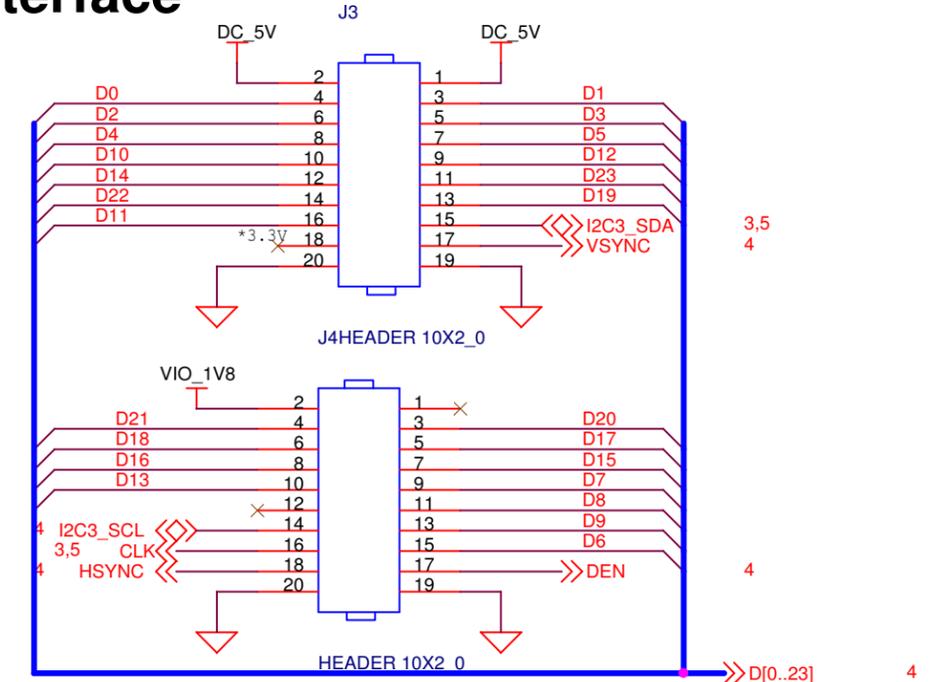
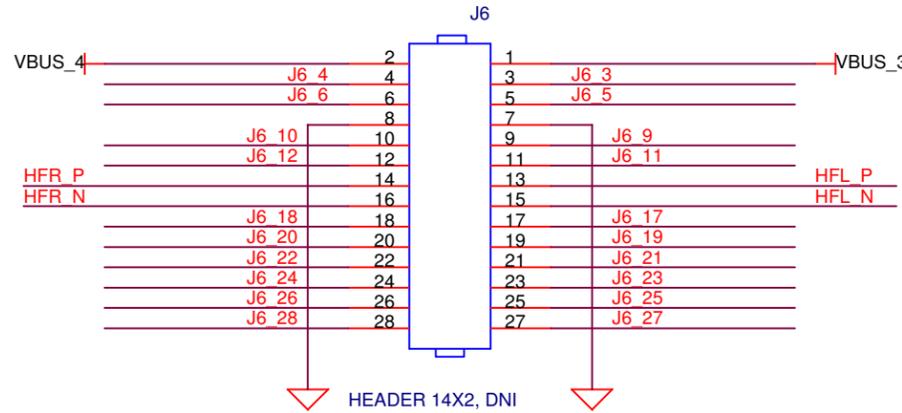
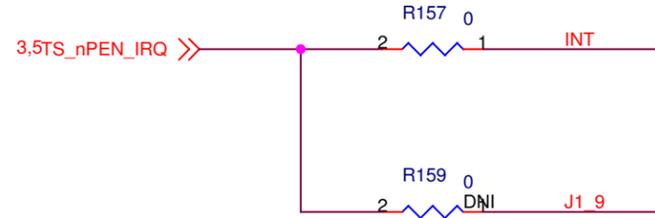
Beagle Expansion Connector



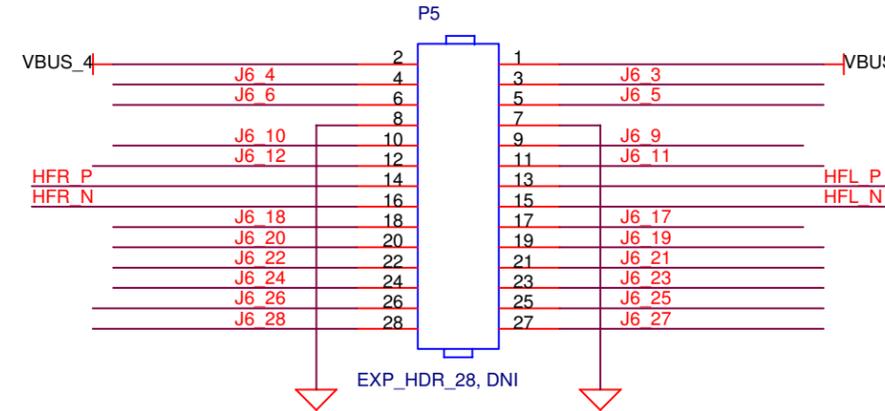
Expansion Connector



WLAN Expansion Connector



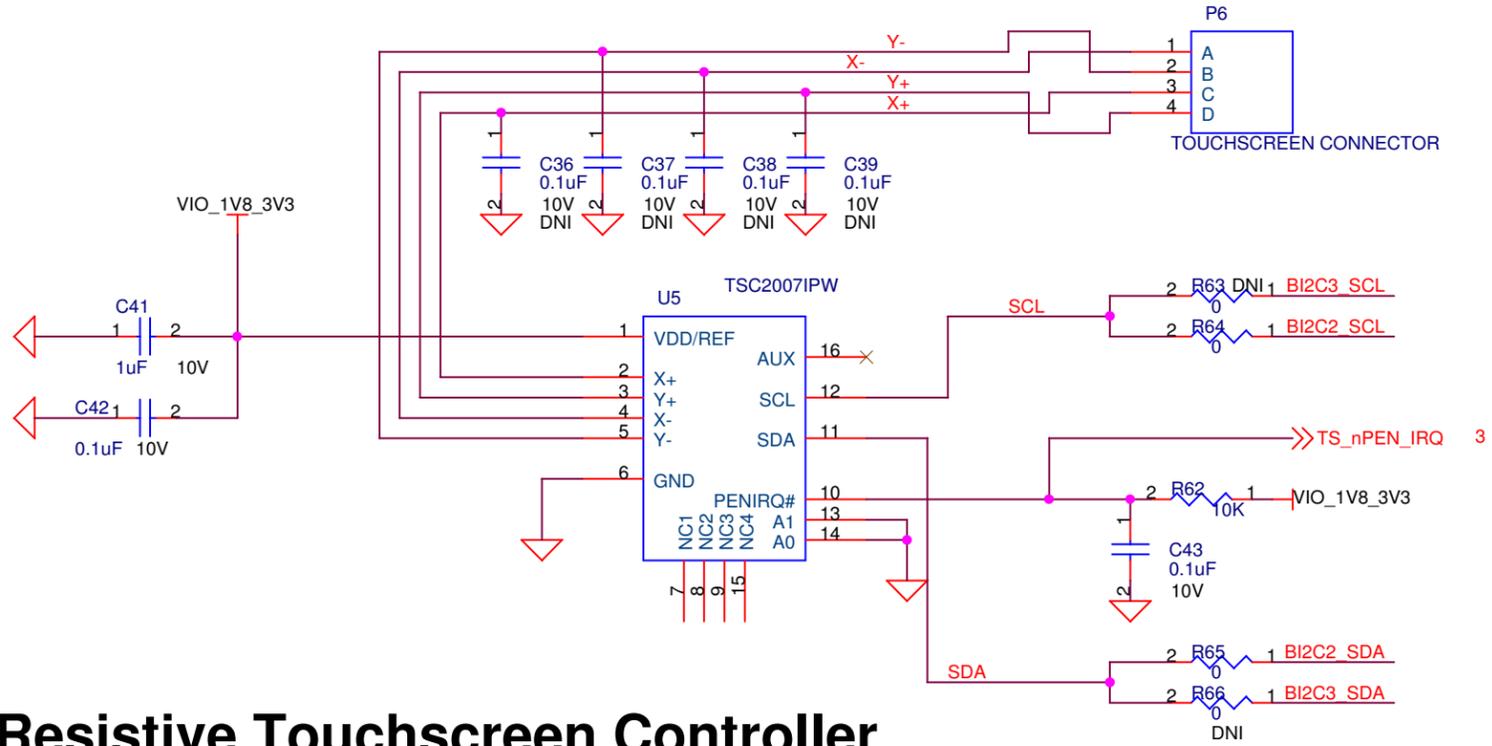
POPULATE FOR STANDARD ASSEMBLY



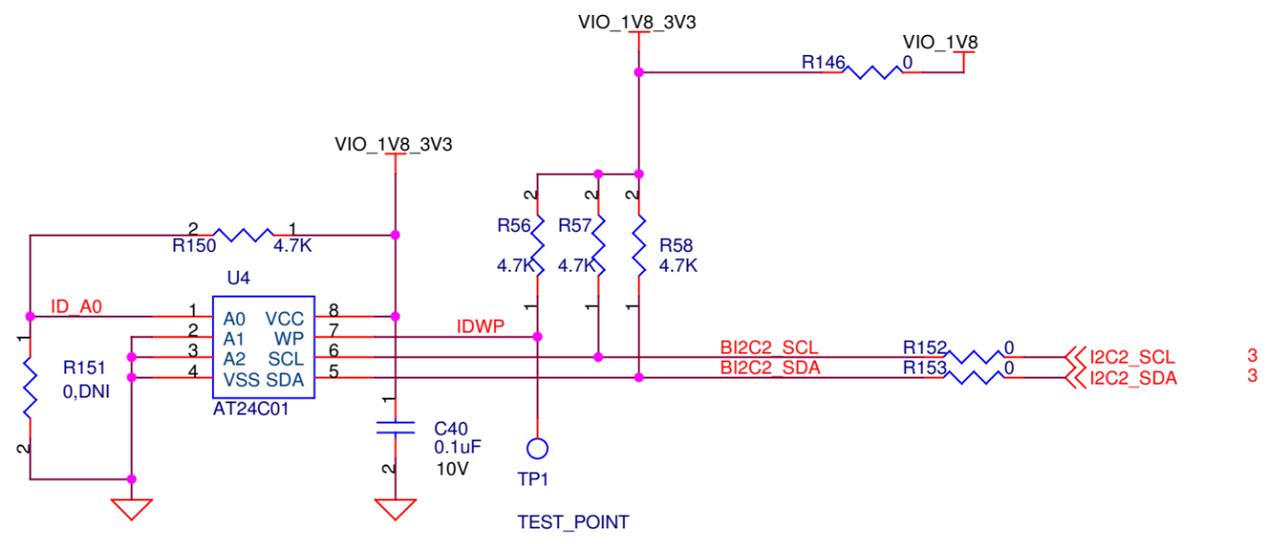
This work is licensed under the Creative Commons Attribution-Share Alike 3.0 Unported License. All derivative works are to be attributed to CircuitGo LLC.		 <b>beagleboardtoys.com</b>	1380 Presidential Dr. #100 Richardson, TX 75081 www.beagleboardtoys.com	
beagleboardtoys is owned by CircuitGo LLC.			Title ULCD7-LITE BOARD CONNECTORS	
Size B	Document Number SCHEM_ULCD7_100	Rev A		
Date:	Thursday, October 13, 2011	Sheet	3	of 7



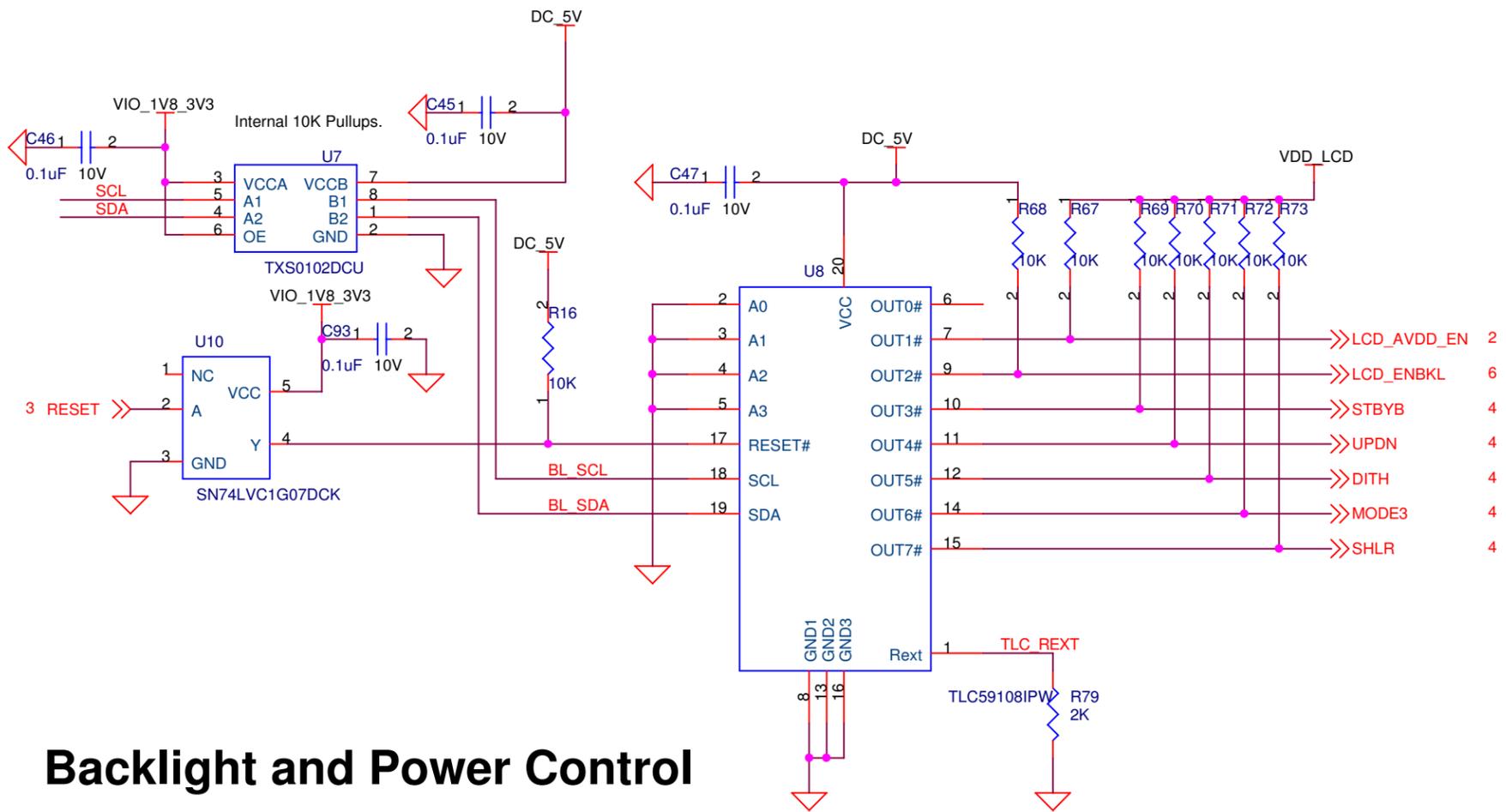
# Resistive Touchscreen Controller



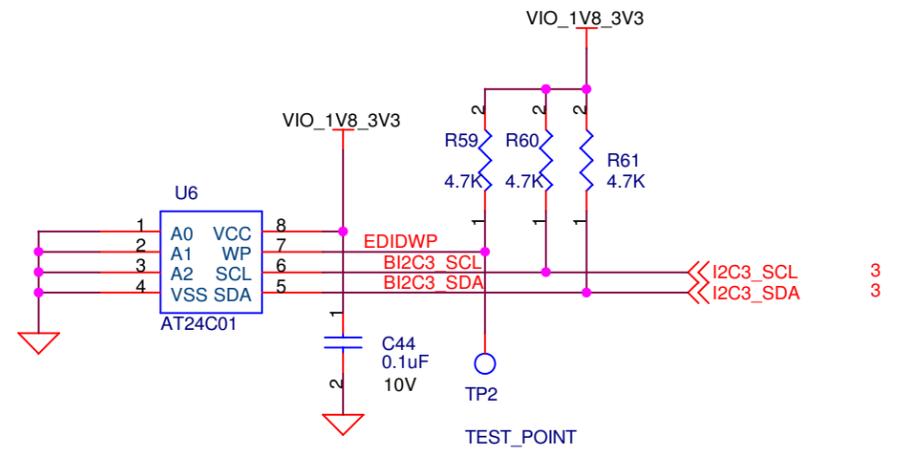
# BOARD ID EEPROM



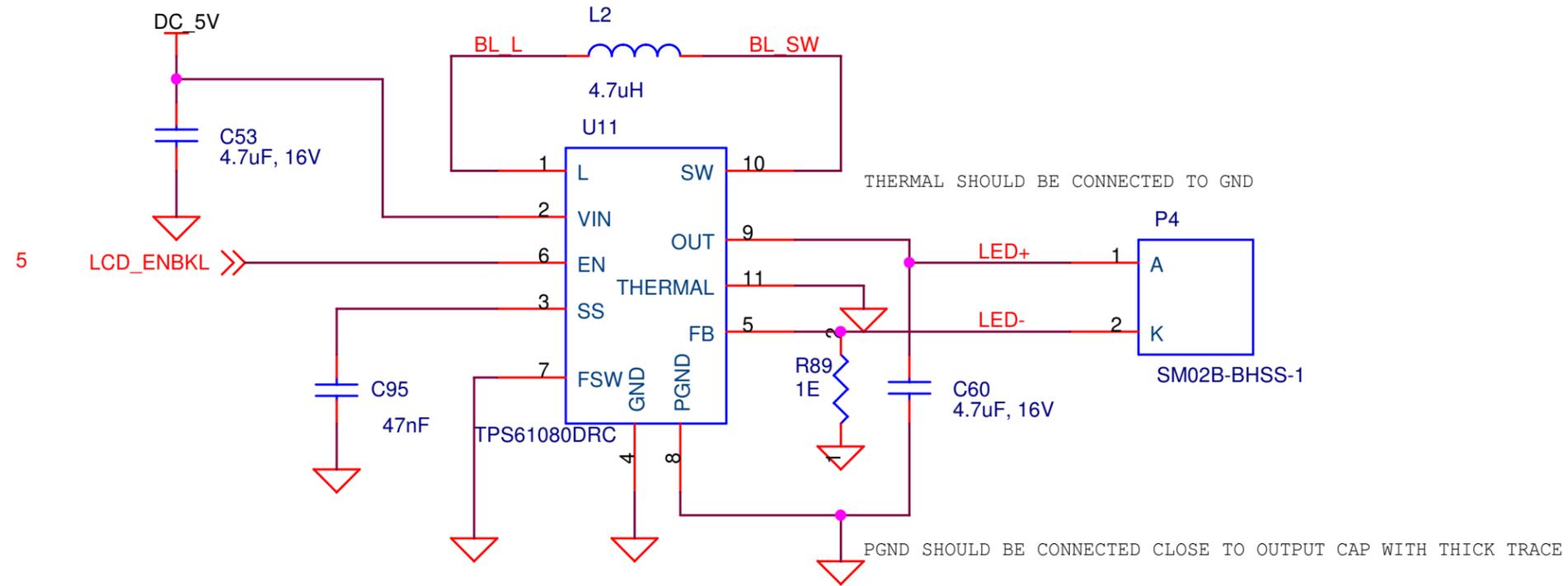
# Backlight and Power Control



# LCD EEPROM

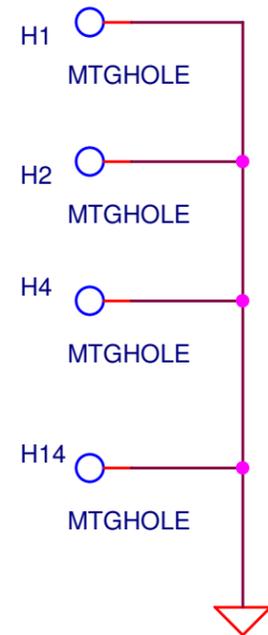


This work is licensed under the Creative Commons Attribution-Share Alike 3.0 Unported License. All derivative works are to be attributed to CircuitCo LLC.		 <b>beagleboardtoys.com</b>	1380 Presidential Dr. #100 Richardson, TX 75081 www.beagleboardtoys.com	
beagleboardtoys is owned by CircuitCo LLC.			Title: ULCD7-LITE TS Controller, EEPROM, and BACKLIGHT Document Number: SCHEM_ULCD7_100 Date: Thursday, October 13, 2011	
Size: B	Rev: A	Sheet: 5	of: 7	

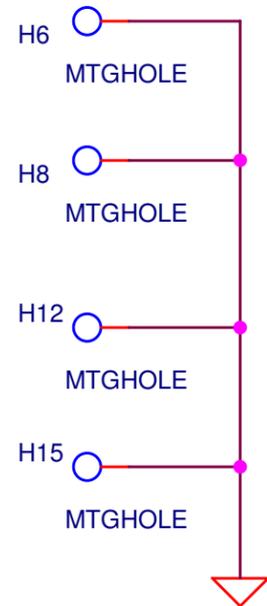


### BACKLIGHT SUPPLY

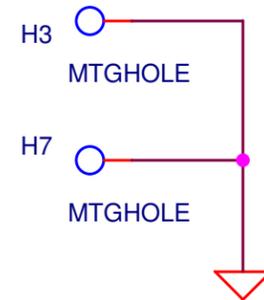
#### Beagle Mounting Holes



#### Expansion Board Mounting Holes



#### Board Mounting Holes



This work is licensed under the Creative Commons Attribution-Share Alike 3.0 Unported License. All derivative works are to be attributed to CircuitCo LLC.

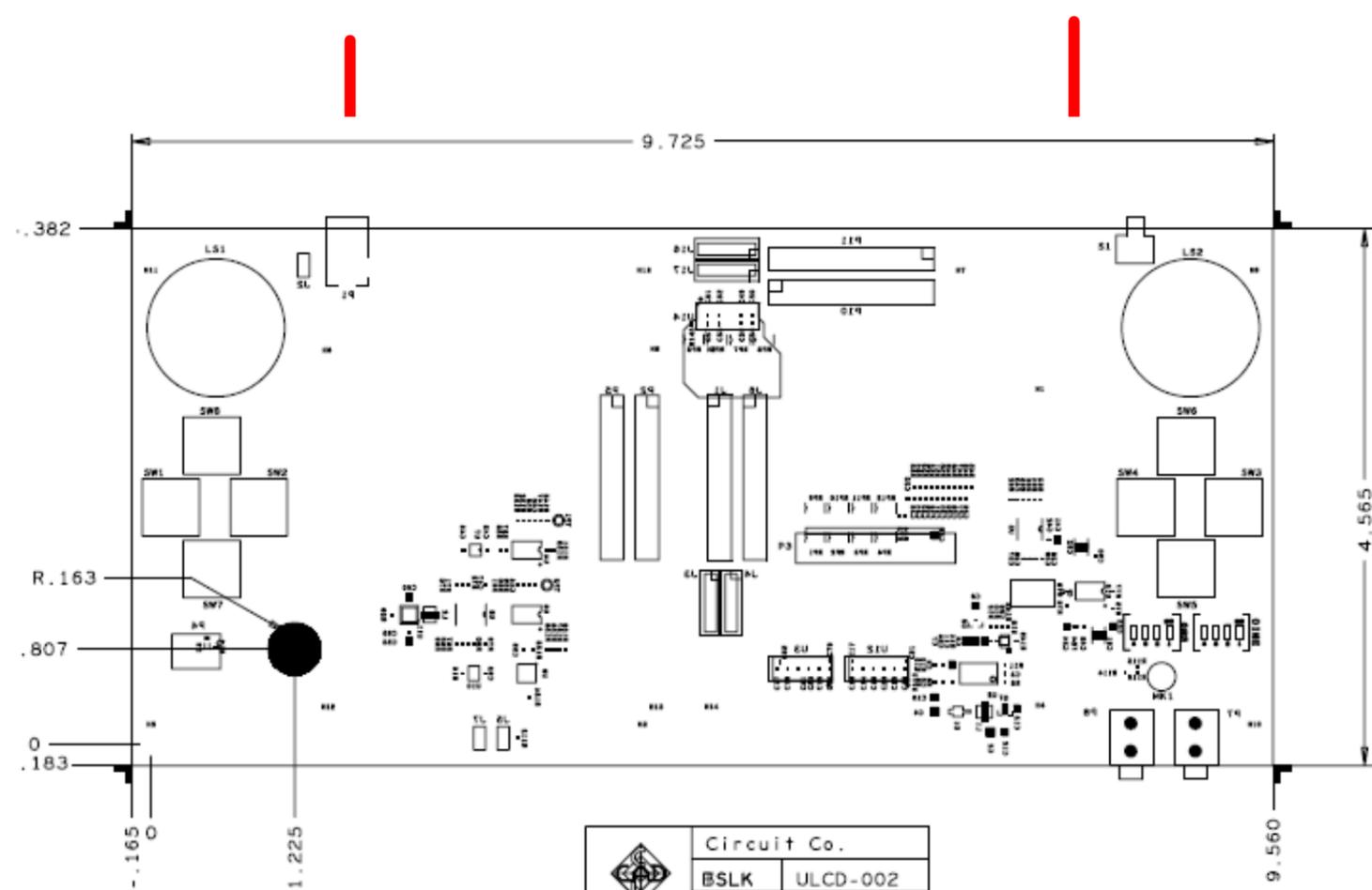
beagleboardtoys is owned by CircuitCo LLC.



beagleboardtoys.com

1380 Presidential Dr. #100  
Richardson, TX 75081  
www.beagleboardtoys.com

Title ULCD7-LITE BACKLIGHT SUPPLY		
Size A	Document Number SCHEM_ULCD7_100	Rev A
Date: Thursday, October 13, 2011	Sheet 6	of 7



	Circuit Co.	
	BSLK	ULCD-002
	DATE: 06/08/2011	

This work is licensed under the Creative Commons Attribution-Share Alike 3.0 Unported License. All derivative works are to be attributed to CircuitCo LLC.

beagleboardtoys is owned by CircuitCo LLC.

		1380 Presidential Dr. #100 Richardson, TX 75081 www.beagleboardtoys.com	
Title ULCD7-LITE MECHANICAL			
Size B	Document Number SCHEM_ULCD7_000	Rev A	
Date:	Thursday, October 13, 2011	Sheet	7 of 7