

Test Writer:		Steven Zehner					
Test Case Name:		LCD On/Off		Test ID #:			On/Off Test 3
Description:		Verify operation of the vLCD_ON_OFF with the cursor off and set to blink.		Type:			White Box
						X	Black Box
Tester Information							
Name of Tester:				Date:			
Hardware Ver:		1.0		Time:			
Setup:	Set configCURSOR_SHOW to 0 and configCURSOR_BLINK to 1. Connect STK600 Port_K_ to the LCD board input pins. Connect and Ammeter between the supply and supply input of the LCD display. A task is created that initializes the display and puts text on both lines. The final operation of the task calls the vLCD_ON_OFF() function, delays 5 seconds, then calls it again.						
Test	(Test Variable)	Expected Result	Pass	Fail	N/A	Comments	
1	Display Turns off	Display does not show any data and is in a low power state					
2	Display Power	Display shows less current draw when off rather than on					
3	Display Turns on	Display turns on and all data remains as it was when it turned off					
4	Cursor	Cursor is not showing					
5	Run time	Display turning on and off takes 39us for each operation					
Overall Test Result:							