Table 1 – Driver Test Plan

Test Case Name: LCD Driver Test ID #: Driver Test ID #: Type: White Box X Black Box X Bl	Test W	riter:	Table 1	– Driver	l CSt I Id.		
a driver created to directly output data to an LCD Tester Information Name of Tester: Hardware Ver: 1.0 Time: Connect STK600 Port_X_ to the LCD board input pins: Test Variable) System On System Powers on Initialization LCD Initializes LCD Write Command written to LCD is performed LCD UCD is performed LCD Clear Display LCD Clear Top Row LCD Clear Clears top row on LCD LCD Clear Bottom Row On LCD LCD Home Sets cursor to first pos. on top row Pos. on bottom row on LCD LCD Home Bottom Pos. on bottom row on bottom row on bottom row row 10 LCD GoTo Sets cursor to input			LCD Driver Test				Driver Test
directly output data to an LCD	Description:			Type:	1		White Box
Tester Information Name of Tester: Hardware Ver: 1.0 Time: Setup: Connect STK600 Port_X_ to the LCD board input pins: Test Variable) 1 System On System Powers on 2 Initialization LCD Initializes 3 LCD Write Command written to LCD is performed 4 LCD Write String starting at Cursor position 5 LCD Clear Display LCD 6 LCD Clear Top Row Top Row Clears All text on LCD Clears bottom row on LCD 8 LCD Home Bottom Row Pets cursor to first Top Pos. on bottom row Pos. on bottom Tow 10 LCD GoTo Sets cursor to input						X	Black Box
Tester Information Name of Tester: Date:							
Name of Tester:	Tastar Information		data to an LCD				
Hardware Ver:				Dotos			
Connect STK600 Port_X_ to the LCD board input pins			1.0				
Test (Test Variable) Expected Result Pass Fail N/A Comments					41- I CI	1 1	
Variable 1 System On System Powers on 2 Initialization LCD Initializes	Setup :		Connect STK000 Port_x_ to the LCD board input pins				
Variable 1 System On System Powers on 2 Initialization LCD Initializes	Test	(Test	Expected Result	Pass	Fail	N/A	Comments
2 Initialization LCD Initializes 3 LCD Write Command written to LCD is performed 4 LCD Write String starting at Cursor position 5 LCD Clear Clears All text on LCD 6 LCD Clear Clears top row on LCD 7 LCD Clear Clears bottom row on LCD 8 LCD Home Sets cursor to first pos. on top row 9 LCD Home Sets cursor to first Pos. on bottom row row 10 LCD GoTo Sets cursor to input		,	1				
3 LCD Write Command written to LCD is performed 4 LCD Write String starting at Cursor position 5 LCD Clear Clears All text on LCD 6 LCD Clear Clears top row on LCD 7 LCD Clear Clears bottom row on LCD 8 LCD Home Sets cursor to first Top pos. on top row 9 LCD Home Bottom Pos. on bottom row on LCD Sets cursor to input	1	System On	_				
to LCD is performed 4 LCD Write String writes string starting at Cursor position 5 LCD Clear Clears All text on Display LCD 6 LCD Clear Clears top row on LCD 7 LCD Clear Bottom row on LCD 8 LCD Home Sets cursor to first pos. on top row 9 LCD Home Sets cursor to first Pos. on bottom row row 10 LCD GoTo Sets cursor to input	2	Initialization	LCD Initializes				
to LCD is performed 4 LCD Write String writes string starting at Cursor position 5 LCD Clear Clears All text on Display LCD 6 LCD Clear Clears top row on LCD 7 LCD Clear Bottom row on LCD 8 LCD Home Sets cursor to first pos. on top row 9 LCD Home Sets cursor to first Pos. on bottom row row 10 LCD GoTo Sets cursor to input	2	I CD Write	Command weitter				
performed 4 LCD Write String starting at Cursor position 5 LCD Clear Clears All text on Display LCD 6 LCD Clear Clears top row on LCD 7 LCD Clear Bottom Row on LCD 8 LCD Home Sets cursor to first pos. on top row 9 LCD Home Bottom Pos. on bottom row on bottom row 10 LCD GoTo Sets cursor to input	3	LCD WITE					
4 LCD Write String starting at Cursor position 5 LCD Clear Clears All text on Display LCD 6 LCD Clear Clears top row on LCD 7 LCD Clear Clears bottom row on LCD 8 LCD Home Sets cursor to first pos. on top row 9 LCD Home Bottom Pos. on bottom row row 10 LCD GoTo Sets cursor to input							
String starting at Cursor position 5	4	I CD Weite					
position 5 LCD Clear Clears All text on LCD 6 LCD Clear Clears top row on LCD 7 LCD Clear Bottom Row on LCD 8 LCD Home Top Sets cursor to first Top pos. on top row 9 LCD Home Sets cursor to first Pos. on bottom row 10 LCD GoTo Sets cursor to input	4						
5 LCD Clear Display LCD 6 LCD Clear Clears top row on LCD 7 LCD Clear Clears bottom row on LCD 8 LCD Home Sets cursor to first pos. on top row 9 LCD Home Sets cursor to first Pos. on bottom row 10 LCD GoTo Sets cursor to input		String					
Display LCD Clears top row on LCD LCD Clear Clears bottom row on LCD LCD Clear Bottom Row on LCD LCD Home Sets cursor to first pos. on top row LCD Home Sets cursor to first pos. on bottom row LCD Home Sets cursor to first pos. on bottom row LCD Home Sets cursor to first pos. on bottom row LCD GoTo Sets cursor to input	-	I CD Class	•				
6 LCD Clear Clears top row on LCD 7 LCD Clear Bottom row on LCD 8 LCD Home Sets cursor to first pos. on top row 9 LCD Home Sets cursor to first Pos. on bottom row 10 LCD GoTo Sets cursor to input	3						
Top Row LCD Clears bottom row on LCD LCD Home Sets cursor to first pos. on top row LCD Home Sets cursor to first pos. on bottom row LCD Home Sets cursor to first pos. on bottom row LCD Home Sets cursor to first pos. on bottom row LCD GoTo Sets cursor to input	6		_				
7 LCD Clear Bottom Row on LCD 8 LCD Home Sets cursor to first pos. on top row 9 LCD Home Sets cursor to first Bottom Pos. on bottom row 10 LCD GoTo Sets cursor to input	0						
Bottom Row on LCD 8 LCD Home Sets cursor to first Top pos. on top row 9 LCD Home Sets cursor to first Bottom Pos. on bottom row 10 LCD GoTo Sets cursor to input	7		Clears bottom row				
8 LCD Home Sets cursor to first pos. on top row 9 LCD Home Sets cursor to first Pos. on bottom row 10 LCD GoTo Sets cursor to input	/						
Top pos. on top row 9 LCD Home Sets cursor to first Pos. on bottom row 10 LCD GoTo Sets cursor to input	0						
9 LCD Home Sets cursor to first Pos. on bottom row 10 LCD GoTo Sets cursor to input	O						
Bottom Pos. on bottom row 10 LCD GoTo Sets cursor to input		•					
row 10 LCD GoTo Sets cursor to input	9						
10 LCD GoTo Sets cursor to input		Dottolli					
1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 •	10	LCD GoTo		1			
*		Position	position				
11 LCD Get Top Returns length of	11						
Length strings on top row		Length	strings on top row	<u></u> _			
12 LCD Get Returns Length of	12						
Bottom string on bottom			· ·				
Length row		Length	row				
13 String Length Returns length of	13	String Length					
string passed in			string passed in				
14 LCD On/Off Turns LCD on/off	14	LCD On/Off	Turns LCD on/off				
Overall Test Result:	Overall	l Test Result:					