

## Acceptance Test Procedure

### And Results (ATP + ATR)

for

### National Instruments

### NI PCI485/2 Isolated

Part Number: 185726C-02

Serial Numbers: AF9F78

#	Name	Date	signature
Written by	Dan Gilboa	10 January 2013	DG
Checked by	Dan Gilboa	10 January 2013	DG
Customer			
Order no.			
Tested Date	02 April 2013		
<b>Gilboa Engineering consulting LTD</b>			

## Test Procedure

1. The following Assembly and Test procedure are conducts:
  - a. Verifying of the correct PN of NI PCI485/2 i card
  - b. Written the exact part number (PN) and serial number (SN)
  - c. Visual inspection of the card.
  - d. Installing NI Serial Software (Version 3.6) and drivers on PC with windows XP Professional, and 2 available PCI slots.
  - e. Installing the NI cards in the PC
  - f. Powering the PC.
  - g. Verifying correct installation of the cards (automatically by Windows XP).
  - h. Verifying the recognition of the cards in the "Device manager"
  - i. Performing NI Troubleshooting Wizard test.
  - j. Performing HyperTerminal Test for each port.
  - k. Shutdown the PC, disconnect power, and disassembly the NI cards.

## Acceptance Test Results

1. Visual identification of components

#	Item	PN	Status	SN	Notes
1	NI PCI485/2 i	185726C-02	OK	AF9F78	Copied from the card

2. Functional Tests

#	Item	Test	Status	Notes
1.	Device Manager	Open Device Manager and verify appearance of the NI Serial Peripheral and 2 communication ports for each card	PASS	NI PCI-485/2 (isolated) COM 7 AF9F78 COM 8 AF9F78

# Obsolete Computer Parts

[www.obsolete-pc.com](http://www.obsolete-pc.com) , [www.gilboa-ltd.com](http://www.gilboa-ltd.com)

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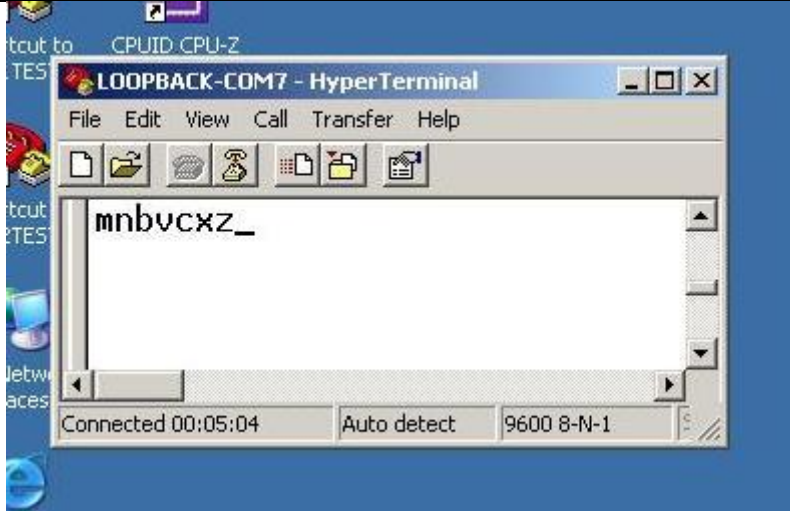

#	Item	Test	Status	Notes
2.	<ul style="list-style-type: none"> <li>Storage</li> <li>Printer</li> <li>Management</li> <li>Applications</li> </ul>	<ul style="list-style-type: none"> <li>Keyboards</li> <li>Mice and other pointing devices</li> <li>Monitors</li> <li>Network adapters</li> <li>NI-Serial Peripherals                             <ul style="list-style-type: none"> <li>NI PCI-485/2 (Isolated) Interface</li> </ul> </li> <li>Ports (COM &amp; LPT)                             <ul style="list-style-type: none"> <li>Communications Port (COM1)</li> <li>Communications Port (COM2)</li> <li>NI PCI-485/2 (Isolated) SN:AF9F78, Communications Port 1 (COM7)</li> <li>NI PCI-485/2 (Isolated) SN:AF9F78, Communications Port 2 (COM8)</li> <li>Printer Port (LPT1)</li> </ul> </li> <li>Sound, video and game controllers</li> <li>System devices</li> <li>Universal Serial Bus controllers</li> </ul>		
3.	NI Troubleshooting Wizard	Run NI Troubleshooting Wizard	PASS	All 2 ports are OK
4.				
5.	Loopback test COM7	Connect NI-Serial 485 Loopback test to COM7. Open the HyperTerminal application, and select COM7. Type: mnbvcxz	PASS	Verify that in the HyperTerminal appears "mnbvcxz"

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#	Item	Test	Status	Notes
6.				
7.	Loopback test COM8	Connect NI-Serial 485 Loopback test to COM8. Open the HyperTerminal application, and select COM8. Type: asdfgh	PASS	Verify that in the HyperTerminal appears "asdfgh"
8.				

Checked by: Dan Gilboa

Date: 02 April 2013