



JNMM-4LP-XT Driver Software Errata

Janus-MM-4LP Quad CAN PC/104-Plus Module

For Version 1.08.000

Revision A.2 Jan 2017

Revision	Date	Comment
A.0	11/23/2016	Initial release
A.1	12/02/2016	Updated with installPCI.sh/uninstallPCI.sh/InstallISA.sh/UninstallISA.sh for updating the driver at load time for PCI/ISA mode
A.2	1/02/2017	Updated GUI Monitor.

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1. INTRODUCTION

This documents details the limitation of the JNMM-4LP-XT CAN Software Version 1.08.000(Linux) for PCI/ISA mode.

2. BACKGROUND

The CAN software release version 1.08.000 has a demo application for CAN Loopback (JNMMCANLoopBackDemo). User can run this application in two different terminal and configure it as TX and RX mode respectively.

This loopback application will work for specific baud rate when we use two CAN ports of the JNMM4LP board.

3. ISSUE DESCRIPTION

When we run the loopback test for CAN port 0 to any CAN port [1-3] or vice versa for PCI or ISA mode, the JNMMCANLoopBackDemo will work for only specific baud rates and it is described as below,

PCI mode :

1. When we connect any CAN port [0-3] of JNMMLP board to any other CAN port in different board, this application supports all baud rates. We have verified the same by using CAN analyzer.

ISA mode :

1. When we connect Loop back cable for CAN port 0 to any CAN port [1-3] or vice versa, the JNMMCANLoopBackDemo does not work for 250K, 125K, 100K, 50K, 20K baud rate.
2. When we connect any CAN port [0-3] of JNMMLP board to any other CAN port in different board, this application supports all baud rates. We have verified the same by using CAN analyzer.
3. When we connect the loopback for CAN(0-1)/CAN(2-3) at the same time , when one loopback is working other loopback won't be working.

APPENDIX: REFERENCE INFORMATION

<http://www.diamondsystems.com/products/janusmm4lp>