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8065 Change History

1.0 INTRODUCTION

This document lists the change history for the 8065 Ethernet to GPIB Controller.

2.0 CHANGES

Revision	Date and Change
00.00	01-18-06*Initial release
00.01	01-24-06*Increased max links to 64 from 32.
00.02	02-13-06*Changed device_remote to leave REN asserted
00.03	04-17-06*Fixed Abort Channel to terminate the task if no connection is made.
00.04	06-07-06*Fixed Abort Channel to return the Abort port
00.05	07-18-06*Fixed ibcnt to report the correct ibwrt byte count. Previous value was 1 count short.
00.06	03-29-07*Added missing ibcnt fix to production code base.
00.07	03-30-07*Fixed 8065 to use a non-zero pad for itself. Changed VXI-11 DLL and utilities to handle secondary addresses.
00.10	07-27-07*Added Webserver and HTML pages for browser setup. This change changed all 8065 files.
00.11	08-20-07*Fixed problem with device_read when user tried to read more than 1024 bytes.
00.12	09-07-07*Added Auto Disconnect Socket capability for use with Agilent's IO Connection Manager and programs that exhaust sockets.
00.13	12-10-07*Fixed problem with being unable to address a secondary address of 0 and added a gratuitous ARP at power turn on so the network can immediately 'see' the 8065.
00.14	03-05-08*Fixed use of erroneous network settings when clearing flash memory by using factory default MAC and S/N values. Added support for NI 7210 and modified PON hardware test.

- 00.15 05-05-08*Updated with 8055 changes and miscellaneous cleanups.
- 00.16 This change level was never released.
- 00.17 10-07-08*Firmware updated to increase stability with new NI GPIB chip.
- 01.18 11-03-08*Interrupt line added to board to overcome occasional dropped END bit in NI 7210 chip. Flash expanded to 2 MB.

Note: All rev 00.14 to 00.17 boards need to be upgraded with ECN 995 for sensing the 7210 interrupt. Upgrade the firmware to the latest level for 01.xx hardware.

- 01.19 01-26-09*Updated firmware for the 115768 Rev 1 PCB which incorporated ECN 995.

Note: All rev 00.17 through 01.19 units should be upgraded to the latest revision.

- 01.20 08-17-09*Fixed reset to properly restore flash settings
- 12-16-09*Fixed error in Config.html page that prevented changing the GPIB address via the webserver.
- 01.21 06-25-10*Removed unnecessary TCP/IP message delays which provides >2x performance increase.
- 01.22 02-05-13*Corrected a flag that accidentally blocked the device_local GPIB output after a device_read.
- 01.23 02-15-13*Correct the reverse channel rpc function number to be 30