



Document Name
H10 Version Notes

System
H10

Developed for
General Distribution

5/9/2008 FPGA 13.0.0 PIC 3.0B

Problem	Module	Description
Initial release.		

7/24/2008 FPGA 13.0.0 PIC 3.0C

Problem	Module	Description
Messages are occasionally lost when running in fast message mode.	PIC	This has been traced to a problem with the PIC code which was erroneously asserting the FPGA transmit line when it though a buffer lockup condition has occurred. Upon analysis and testing the buffer lockup code was found to be unnecessary and has been removed.

9/8/2008 FPGA 13.0.0/13.0.1 PIC 3.0D

Problem	Module	Description
Averaging is needed with the fast messages.	PIC FPGA	A new fast message has bend added that gives the accumulated ADC data since the last read. Also returned is the number of samples contributing to the integral so that the average ADC value over the time interval can be computed.

09/15/2008 FPGA 13.0.0/13.0.1 PIC 4.0A

Problem	Module	Description
TriggerPoints, Initiate,and Abort commands need to be added to make the H10 compatible with the new A500 data acquisition.	PIC	These messages have been added. The H10 now implements the new standard for all devices.

10/30/2008 FPGA 13.0.0/13.0.1 PIC 4.0C

Problem	Module	Description
Offsets don't work for FPGA version 13.0.0.	PIC	Fixed. The zero was not properly fed in for this version.