

To: All Quest Consulting Self Check 3 Customers
From: Quest Consulting
Subject: Q2/62 Self Check 3 software revision
Date: 07-17-06

Quest Self Check 3 Load Board **Q2/62 Version- New Revision 3.0**

Dear Customer:

The Self Check 3 Front Panel/ZIF test program has been upgraded:

Old Version	2.6	October 2005
New Version	3.0	June 2006

Improvements include

- A - Upgraded to correct for bug in PCHOST software when running PC's of 166 MHz or faster
- B - Modified grounding on SC3 load board to reduce ripple on +24V and -8V supplies
- C - Software modified to run Skylines PEM (SKYPEM)


DETAILS:

- A - When running on faster computers there are intermittent failures on the PEA tests (Tests 100 to 4199). These failures are caused by a bug in the PCHOST software. The failures occur more frequently on faster computers because the faster computing speed catches the bug more often. The new version of Self Check 3 has been modified so that it will not fail when encountering this bug, but will fail when a real problem is present.
- B - The ripple on the +24V and -8V power supplies was reduced by switching them to analog ground (AGND) instead of digital ground (DGND). While this is a non-critical concern, you can send us any Self Check 3 load boards you wish to be modified to our latest software revision, and we will be happy to make the necessary modifications.
- C - The SC3 leakage test now controls the Pin Electronics (PE) drivers so that it will run the same on both the SKYPEM and the Megatest PEM (The PE drivers used to power up randomly driving HIGHs or LOWs).

The version 3.0 software and manual can both be downloaded from the Quest website at:

http://www.questwww.com/software_downloads.htm - sc3

Thank you,


Jim Doxsee