



Revision 1.06c

- ▶ Corrected bug affecting analyzer modes.

Revision 1.06b

- ▶ Corrected I2C Master bug affecting data read-back on USB.

Revision 1.06a

- ▶ Extended Smart Router maximum number of clients in a run

Revision 1.06

- ▶ Added I2C mode of operation
- ▶ Added support for PLG-LC-005 plug-in
- ▶ Upgraded TCL/tk environment to TCL/tk 85
- ▶ Corrected known bugs
- ▶ Upgraded development environment to VS 2005

Revision 1.05d

- ▶ Updated 8PI Control Panel for SPI Xpress device.
- ▶ Made 'pure C' SPIIC.dll available

Revision 1.05c

- ▶ Corrected Analyser data mask issue in GUI
- ▶ Corrected GTK wave configuration file issue for Analyser
- ▶ Included former 1.05b Analyser patch for C functions

Revision 1.05b

- ▶ Added trigger positioning in Analyser Mode
- ▶ By default, suppressed the uncertainty on WE signal generation in SPI 3 Master mode.

Revision 1.05a

- ▶ Corrected Analyser mode save bug

Revision 1.05

- ▶ Added trigger/rearm ability in ADWG mode
- ▶ Added edge triggering ability
- ▶ Added SPI master / analyser mode (requires separate license)
- ▶ Corrected known bugs

Revision 1.04b

- Patch to solve issue with ADWG mode: some sample lengths were incorrectly handled.

Revision 1.04

- ▶ Enhanced *Smart Router*
- ▶ Improved robustness
- ▶ Removal of weak pull-up on unused device pins
- ▶ New *Infinite Loop* feature for the arbitrary waveform generator operating mode



- ▶ Data compression between host computer and device to optimise bandwidth usage
- ▶ New *Bandwidth Tester* application including in the *Base* package
- ▶ Integration of the *GTKWave* viewer in the *8PI Control Panel* application
- ▶ C/C++ library and header files included in the *Base* software package
- ▶ New function sending data directly to the device without using an intermediate file. Available in TCL and C/C++ libraries.

Revision 1.03b

- ▶ Patch to solve the following issue: when using the GP-22050 at 50 MHz it could sometimes remains blocked.

Revision 1.03

- ▶ Integration of the Smart Router application. It controls and grants device access to the different client applications (GUI, TCL console, etc.). It is not mandatory anymore to start the *8PI Control Panel* graphical interface to control the device. For example, a stand-alone TCL console can be used.
- ▶ Improved software stability
- ▶ Correction of several issues reported when using the device at low system frequencies
- ▶ Shortcut to the TCL console moved to the Iools menu or via the shortcut bar in the *8PI Control Panel* graphical interface.

Revision 1.02

- ▶ State analyser application page now available from the 8PI Control Panel.
- ▶ JTAG protocol controller page now available from the 8PI Control Panel.
- ▶ Performance improvement for data transfer for all application of the base package (ADWG, analyser and JTAG). Data transfer can now be performed continuously at higher rate. The performances are highly dependent of the host computer performances.
- ▶ Upgrade of the system clock frequency definition for the ADWG application. The ease of use has been improved.
- ▶ Changes have been performed to stabilise the application and to improve its robustness.

Revision 1.01

- ▶ GP-22050 device firmware update: the GP-22050 device firmware has been updated to correct a bug that would potentially have corrupted the firmware data and would have prevented further firmware updates using the standard procedure.
- ▶ Use of the GP-22050 device with other USB devices: when another USB device is plugged or unplugged while using the GP-22050 device, this one no longer unconnects.
- ▶ Software stability: the GP-22050 host software stability had been improved.
- ▶ ADWG GUI update: in the static mode operation page, the check boxes used to specify the data pattern are now enabled / disabled according to the data mask defined with the configuration tab.