



Software Release Notes

Part Number: SW90126
Description: OZSCR1x00 Controller Firmware
Release Number: 1.15
Release Date: 12/16/2015
Revision: A

New Features:

- Added “Analog Input Offset” configuration registers. These registers are intended for use as offset corrections for each analog input pin
- Added “Auto Calibrate Analog Input Midscale” command. This command can be used to automatically calibrate any combination of analog inputs. The user-supplied midscale is compared with the theoretical midscale value and the differences are stored in the respective Analog Input Offset configuration registers
- Added instrumentation registers that report AC voltages, DC voltage, DC current, AC line frequency, and each of the analog input measurements

Bug Fixes:

- N/A

Compatibility Notes:

- This version of the OZSCR1x00 firmware must be used with SCC software SW90142 Rev 1.7 or newer
- This version of the OZSCR1x00 firmware must be used with an SCC configuration file CFG90126-0000 Rev 10.0.0 or newer
- This version of the OZSCR1x00 firmware must be used with OZSCR1x00 embedded bootloader SW90139 Rev 1.3 or newer
- This version of the OZSCR1x00 firmware requires an embedded FPGA image FW90147 Rev 7 or newer be installed on the OZSCR1x00 board