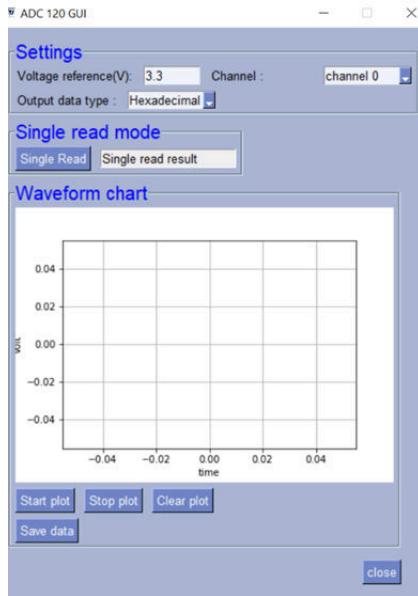


Graphical user interface for the STEVAL-AKI001V1/STEVAL-AKI002V1 boards



Features

- Real-time monitoring of ADC120 and ADC1283
- Hexadecimal display
- Automated voltage conversion
- Graphic display
- Possibility to save data in a .CSV file

Description

The **STSW-AKI** software is the graphical user interface allowing to easily use the **STEVAL-AKI001V1** and **STEVAL-AKI002V1** boards.

ADC120 and ADC1283 are both eight-channel pure CMOS 12-bit analog-to-digital converter.

The **STSW-AKI** software allows to read each channel of the **ADC120** or **ADC1283**.

The **STSW-AKI** converts and directly shows the values from the temperature sensors of the **STEVAL-AKI001V1**.

It also allows to see the evolution of the measured value thanks to a graphic.

Product summary

Graphical user interface for the STEVAL-AKI001V1/ STEVAL-AKI002V1 boards	STSW-AKI
Evaluation board for the ADC120 8-channel, 50ksps to 1Msps, 12-bit analog to digital converter	STEVAL-AKI001V1
Evaluation board for the ADC1283 8-channel, 50 to 200 ksps, 12-bit analog to digital converter	STEVAL-AKI002V1
STM32 Nucleo-64 development board with STM32L476RG MCU	NUCLEO-L476RG
Applications	Motor control

Revision history

Table 1. Document revision history

Date	Revision	Changes
14-Mar-2023	1	Initial release.

IMPORTANT NOTICE – READ CAREFULLY

STMicroelectronics NV and its subsidiaries (“ST”) reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST’s terms and conditions of sale in place at the time of order acknowledgment.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of purchasers’ products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. For additional information about ST trademarks, refer to www.st.com/trademarks. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2023 STMicroelectronics – All rights reserved