Getting started with the ISO8200B

8-channel intelligent power switch with galvanic isolation

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For evaluation of the ISO8200B, the STEVAL-IFP015V2 evaluation board is available. The board provides a soldered ISO8200B with the input and output pins easily accessible through connectors.
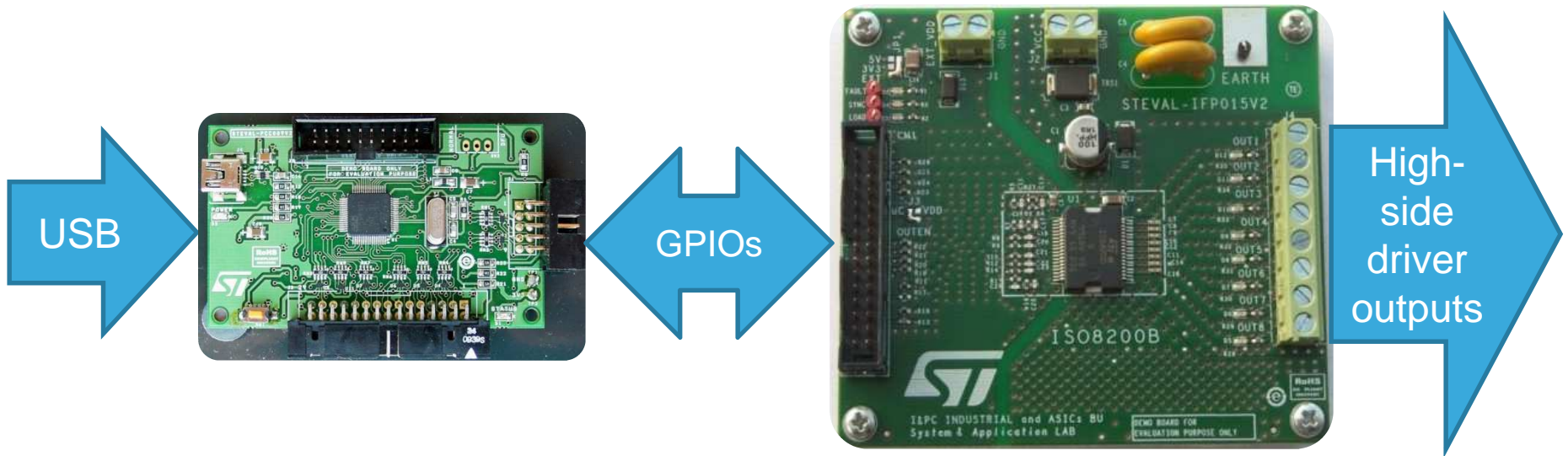
Digital input pins

High-side driver outputs

STEVAL-IFP015V2

ISO8200B evaluation board

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Evaluate the ISO8200B

In order to generate the digital input signals, the universal STEVAL-PCC009V2 board can be used. This board allows you to control GPIOs through a USB port.
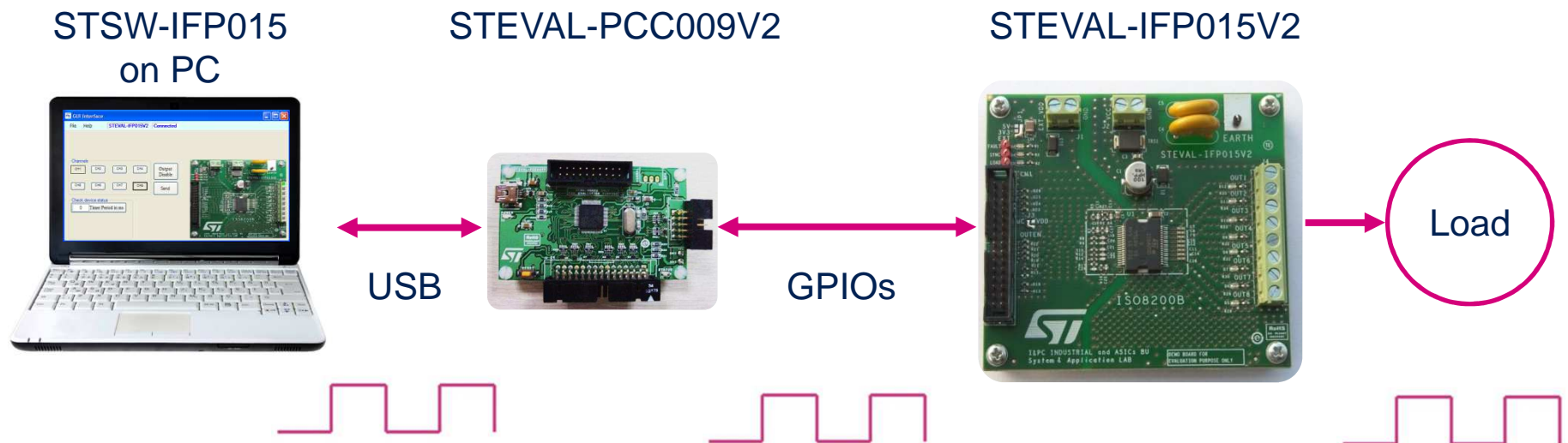
USB → STEVAL-PCC009V2 → GPIOs → STEVAL-IFP015V2 → High-side driver outputs

STEVAL-PCC009V2

USB-to-GPIO/SPI converter

STEVAL-IFP015V2

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Programmable logic controller example

If the GUI software STSW-IFP015 is used on a PC, connected to the STEVAL-PCC009V2 via USB, a simple PLC device can be implemented.
The graphical interface on the PC allows you to control the ISO8200B outputs.

STSW-IFP015 on PC STEVAL-PCC009V2 STEVAL-IFP015V2

USB GPIOs Load

Further information is available on www.st.com. For fast access to the above components, use the web site search function or www.st.com/ips/hss