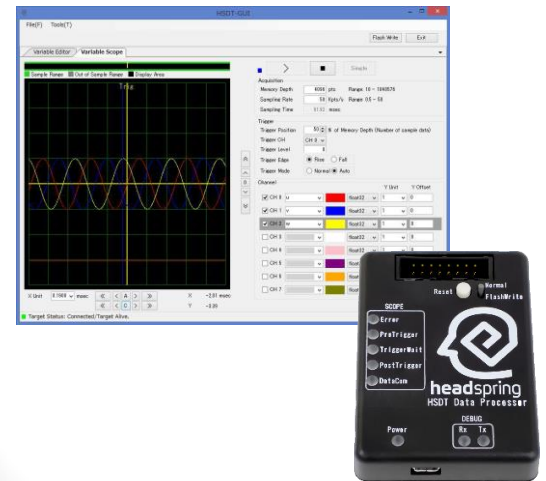


Power Electronics R&D Toolset (Operation Library / GUI / Data Processor)

HSDT-KIT-B

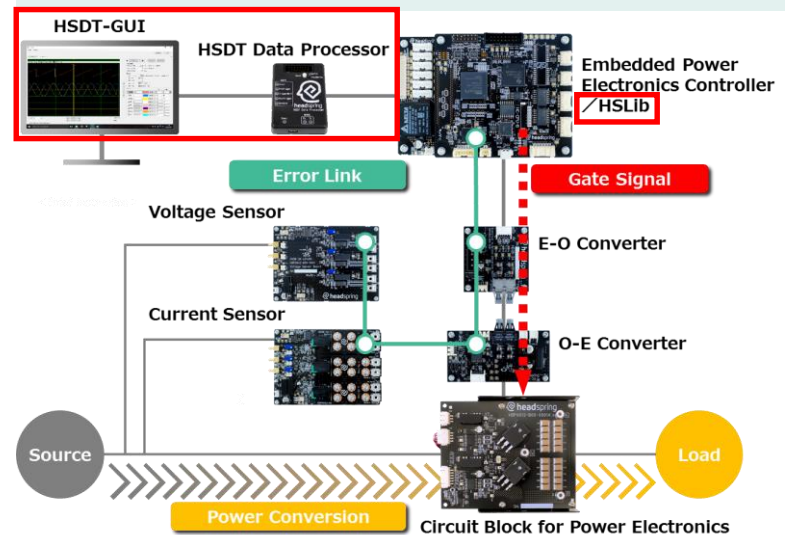
Software Library, GUI and Data Processor Toolset
to Enable Easy and Intuitive Development and Debug



Abstract

- Consist of Power Electronics Development Library (HSLib), Intuitive GUI (HSDT-GUI) and Data Processor for connection between PC and Controller Functions are Covered
- Used as Function Library of Common Part of Embedded Program and Mathematic Calculation for Power Electronics
- Real-time Oscilloscope "Variable Scope" and Real-time Parameter Editor "Variable Editor" by HSDT-GUI
- Real Time Debug Function with HSDT Data Processor by Exchanging Parameters between PC and HSDT-GUI

Connection Image



Features

Function Library for Development of Power Electronics Control

- Read Function of Hardware (microcontroller, etc) and Control Program from Library
- Library Linked with Headspring Controller (FPGA Access Function, etc)
- Real time Debug of Control Program by HSDT-GUI

Intuitive and Detailed GUI for Monitoring / Control

- Real Time Debug without Pausing Embedded Program
- Real-time Read/Write Function
- Write Function of Embedded Software by Flash Write

Easy Interface to PC by USB Connection

- Supporting general USB connector to PC (mini-B type)
- Designated Cable for Controller Side is Attached

