

USB – SWD Programming Kit

Multi-function debugging and programming kit for wide range of Laird Connectivity products using Nordic Semiconductor silicon



Debugging



Programming



Modules & Packaged Products

The Laird Connectivity USB-SWD Programming kit is the ideal accompaniment for your product development process that utilises Laird Connectivity's range of Nordic Semiconductor based modules and products.

The **453-00062-K1** kit provides all of this extended feature set, as well as including everything needed in a single kit:-

- Programming options
 - Mass storage device with Drag n Drop hex/bin file
 - Simultaneously program multiple 453-00062-K1 kits on a single PC
 - Programming & debug by pyOCD options
 - Programming QSPI data from hex file
- Royalty free programming of modules (no need for Segger license)
- Passthrough mode for Sentiur BT510 for use with external programmer (such as a JLink)
- USB Connection and power
- Reset button
- UART interface
- Powered by USB

Any hex file can be programmed to your device, supported in:

smartBASIC, Nordic nRFConnect SDK, MyNewt, MBED & Zephyr RTOS



Full User Guide available at www.lairdconnect.com/usb-swd-programmer



- **Modules supported** – Nordic Semiconductor based
 - BL600 series (nRF51822)
 - BL651 series (nRF52810)
 - BL652 Series (nRF52832)
 - BL653 Series (nRF52833)
 - BL653μ Series (nRF52833)
 - BL654 Series (nRF52840)
 - BL654 PA Series (nRF52840)
 - RM1xx Series (nRF51822)
 - Pinnacle 100 (nRF52840)
- **Products supported** – Nordic Semiconductor based
 - Sentiur BT510 (nRF52840)
 - Sentiur BT610 (nRF52840)
 - Sentiur BT710 (nRF52833)
 - Sentiur MG100 (nRF52840)
 - Laird Connectivity BL654 BME280 Sensor Board (nRF52840)
- **What's in the Box?**
 - USB – SWD Kit – Mainboard
 - TC2050-IDC Tag Connect cable
 - 10-pin – 10-pin flat IDC cable
 - 1.2-m USB cable
 - 2-pin jumper

PART	DESCRIPTION	PACKAGING
453-00062-K1	USB – SWD Programming Kit	Single (1)