

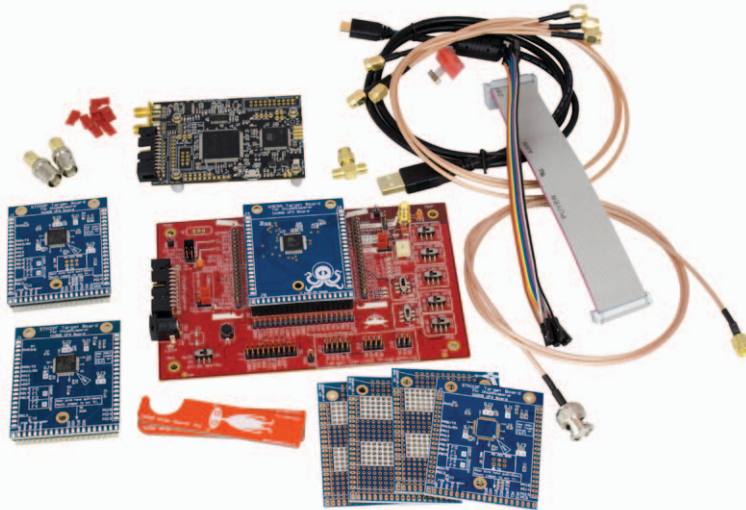


NewAE Technology Inc.  
newae.com

## ChipWhisperer® Embedded Security Analysis Tools Capture Hardware

# Level 1 Starter Kit

## Product Datasheet



This starter pack is great for getting involved with side-channel power analysis and fault injection attacks. It includes our ChipWhisperer-Lite Capture and our versatile UFO board.

This allows you to perform attacks on a variety of targets, including the 8-bit microcontroller (XMEGA) and 32-bit (STM32 Arm) microcontroller included.

The UFO board supports a variety of additional targets such as FPGAs and microcontrollers with advanced features such as hardware cryptography.

You can also build custom top boards for targeting new devices.

## Product Highlights

Includes the following:

- ChipWhisperer-Lite Capture
- CW308 UFO Baseboard
- CW308T-XMEGA Target (XMEGA, AVR Core)
- CW308T-STM32F3 Target (Cortex M4)
- CW308T-STM32F0 Target (Cortex M0)
- CW308T Generic PCB (0.1" spacing prototype board)
- CW308T-STM32F Blank PCB
- 2x Lifter tool to remove targets
- SMA Tee adapter (for power analysis & fault injection simultaneously).
- SMA cables
- SMA to BNC cable

See individual product datasheets for more information on the UFO board and ChipWhisperer-Lite.

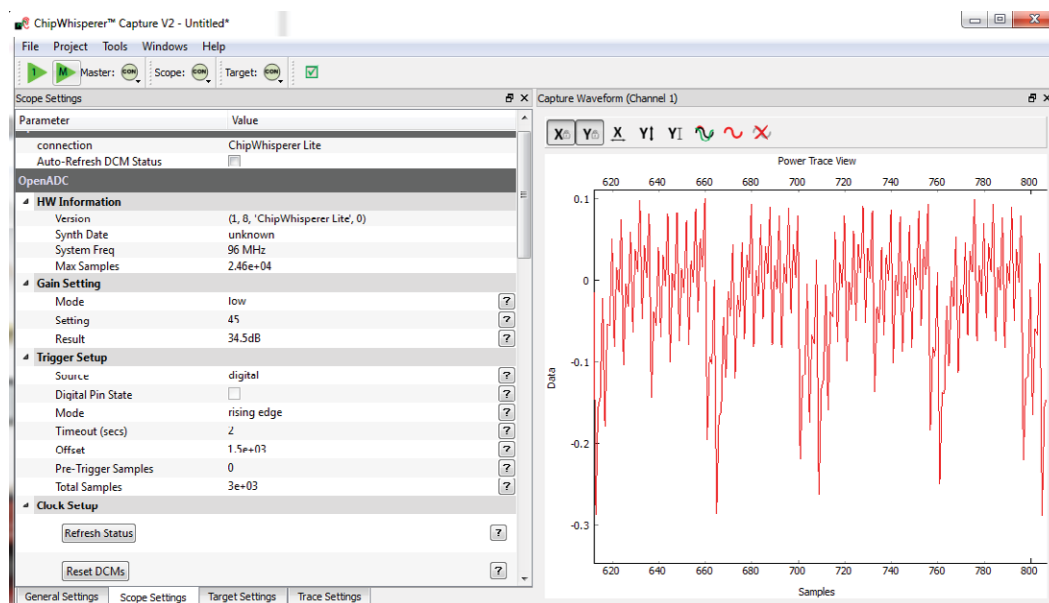
## Ordering Summary

**NAE-SCAPACK-L1** Kit of ChipWhisperer-Lite Capture, UFO Base Board, sample targets, cables.

## Product Links

Tutorials and Examples <https://wiki.newae.com/>

## Software Support



The ChipWhisperer project is an open-source toolchain for embedded security research. All of the targets and capture hardware in this catalog are supported by a Python-based capture application. The open-source nature means you can modify for your specific needs – whether you are developing your own algorithms or want to perform validation on a proprietary targets, ChipWhisperer has you covered.

ChipWhisperer runs on most computer platforms (Windows, Mac, Linux). You can freely download and use the open-source software to confirm functionality.

## Disclaimers

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