

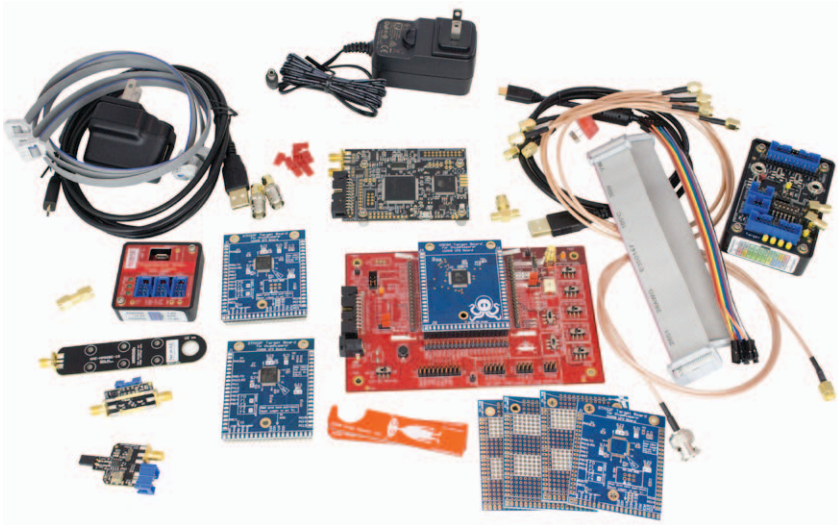


NewAE Technology Inc.
newae.com

ChipWhisperer® Embedded Security Analysis Tools
Capture Hardware

Level 2 Starter Kit

Product Datasheet



This starter pack extends the Level 1 pack by adding the features needed for working with external targets (besides the included UFO targets). The advanced breakout board can perform level-shifting when you aren't working with 3.3V I/O or need additional breakout.

The probe kit allows use of EM probe for measuring power without inserting shunt resistors, and the differential probe simplifies usage of off-board shunts.

Like the Level 1 kit, this is a great tool to get started in power analysis and fault injection attacks.

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
- SMA Tee adapter (for power analysis & fault injection simultaneously).
- H-Field Probe
- Differential Probe
- Probe Power Supply (DC-DC)
- SMA cables
- SMA to BNC cable
- 5.0V wall adapter for probe power supply & CW308 Power (if using stand-alone).

See individual product datasheets for more information on the UFO board, ChipWhisperer-Lite, and Probe Set with Power Supply.

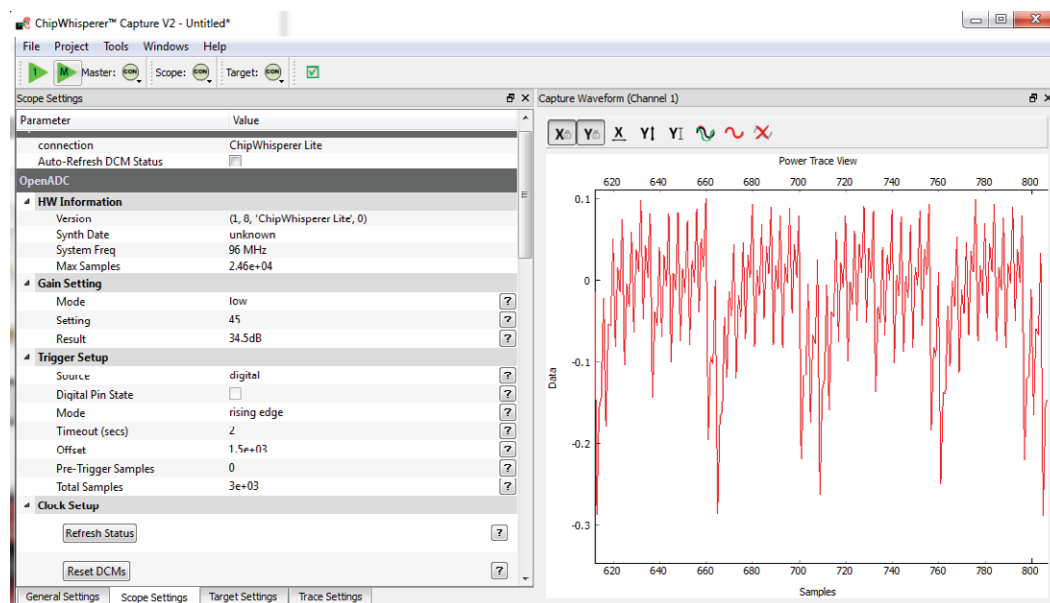
Ordering Summary

NAE-SCAPACK-L2 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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