

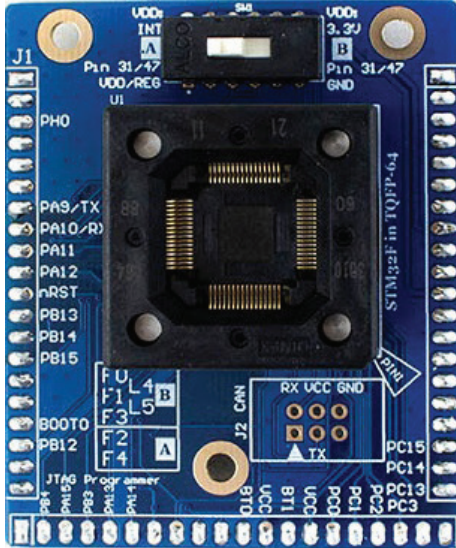


NewAE Technology Inc.
newae.com

ChipWhisperer® Embedded Security Analysis Tools CW308 UFO Targets

STM32Fx/STM32Lx TQFP64 Socket UFO Target

Product Datasheet



The CW308T-STM32F target series allows experiments on the popular STM32F/STM32L series of Arm devices in TQFP-64 package. This includes the STM32F0, STM32F1, STM32F2, STM32F3, STM32F4, STM32L4, and STM32L5. Devices within this family have varying core types, peripheral options, and hardware cryptographic peripheral support.

Devices within this family also have differing support for a data and instruction caches, allowing you to compare code and libraries running on different processor architectures while keeping the same development setup. The ChipWhisperer capture supports programming this series of devices via a serial bootloader.

CW308 UFO Baseboard Required for use!

ST-LINK/V2 Recommended for Debug.

Product Highlights

The CW308-STM32F-SOCKET board is the perfect target for testing fault injection against TQFP-64 STM32F/STM32L microcontrollers. Thanks to pin compatibility (mostly) between various devices, this single board supports multiple STM32F/STM32L microcontrollers.

These boards do not ship with any microcontroller, but use a 64-pin TQFP socket.

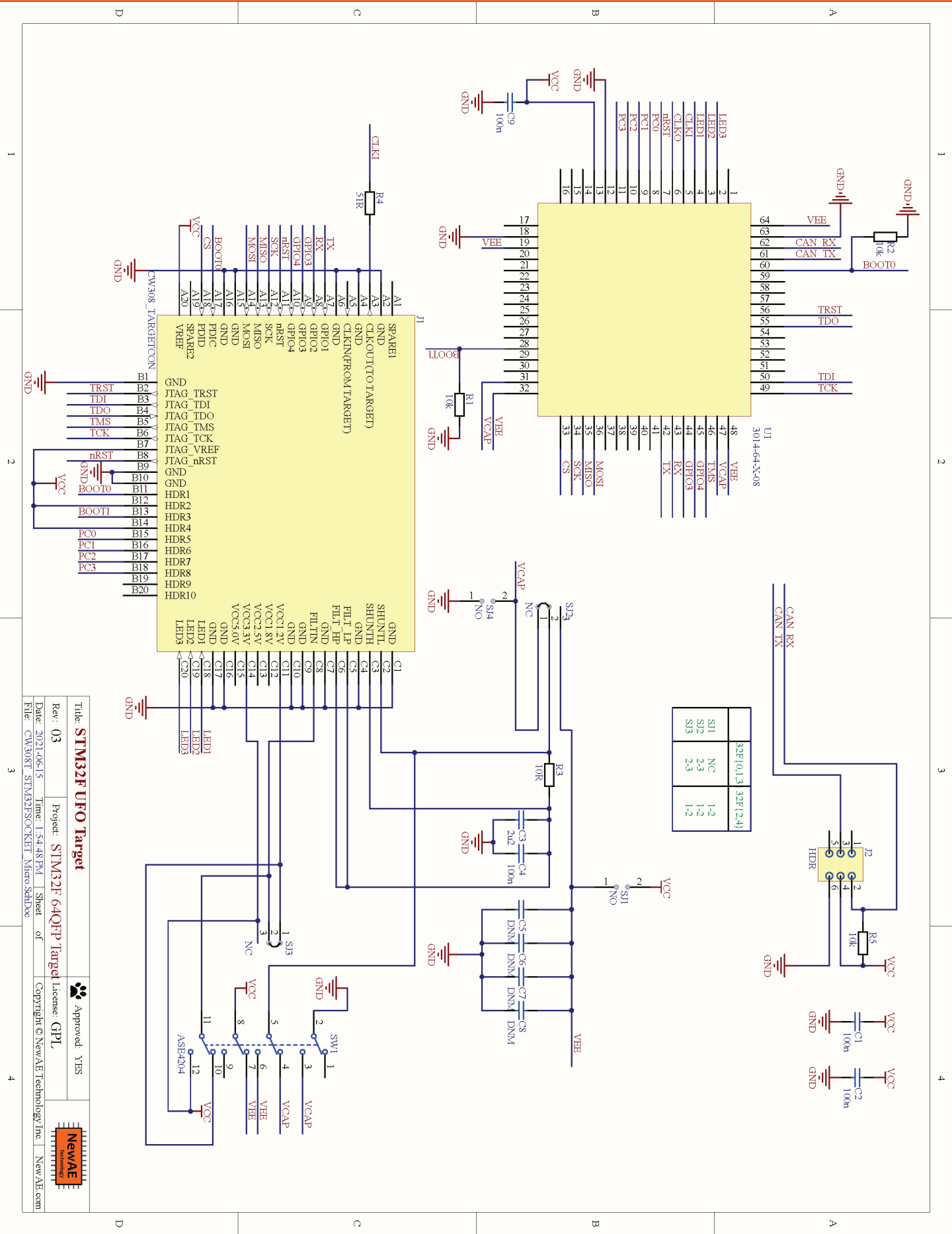
Ordering Summary

NewAE Part Number	Target Part Number
NAE-CW308T-STM32F-SOCKET64	None Included

Product Links

Full Documentation https://rtfm.newae.com/Targets/UFO%20Targets/CW308T-STM32F_SOCKET/
Firmware Examples <https://github.com/newaetech/chipwhisperer/tree/master/hardware/victims/firmware>
Design Files <https://github.com/newaetech/chipwhisperer-target-cw308t>

Schematic



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