SoC Now

# An Open-Source Web based RISC-V SoC Generator

socnow.software

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## Generate Custom SoC

User can generate custom SoC by providing configurations for Core RV32(i,m,f,c), devices (gpio, spi, spi-flash, uart, i2c, timer) and Bus interconnects (wishbone, tl-ul, tl-c).

## Generate Bitstream

User can generate bitsream of the generated SoC by providing the SoC I/O Mapping onto FPGA Components and writing a program to be run on top of burned bitstream

## Generate Reusable SoC Component

User can generate any single verified resusable SoC Component including, any core combination, any device and/or any single bus interconnect

## Generate Verification Report

User can generate verification report by selecting the compliance tests from the provided list. The report will contain either the selected tests passed or failed.


## Authors

Hadir Khan (MERL, UITU, UC-SC)

Usman Zain (MERL, UITU)

Shazaib Kashif (MERL, UITU)

Talha Ahmed (MERL, UITU)

Muhammad Shahzaib (MERL, UITU)


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