



# Infineon AURIX: Comprehensive UCB Management with the UCB Checker

UCBs (User Configuration Blocks) serve as vital repositories of critical settings and configurations that drive the behavior and functionality of SoC features. They play a pivotal role in ensuring unmatched configurability.

Tool requirements:  
 ✓ winIDEA 9.21.174  
 ✓ Security license

UCBs allow developers to define and configure crucial settings such as:

- Reset vector
- RAM initialization
- Hardware Security Module (HSM) configuration
- Logic Built-In Self-Test (LBIST)
- FLASH protection
- ...

With Security license you gain access to capabilities and functionalities which maximize the potential of UCB management practices.

	UCB (legacy)	UCB Checker
License needed	✗	✓
Editing on a live target	✓	✓
Reading FLASH content to a file (UCB set)	✗	✓
Editing offline file (UCB set)	✗	✓
Loading/saving/sharing file (UCB set)	✗	✓
Generating HTML report	✗	✓
Comparing UCB sets	✗	✓
Hardware-less image check	✗	✓

Security license is an investment that delivers not only enhanced security but also an expanded arsenal of features that empower your teams to excel. To gain access to the UCB Checker, refer to [license@isystem.com](mailto:license@isystem.com).



More information about the [UCB Checker](#) in winIDEA Help.