



 **smart state**

> Smart  
Contract

Audit #

Jun 03  
2022



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# METHODOLOGY

## MAIN TESTS LIST:

- ◆ Best code practices
- ◆ ERC20/BEP20 compliance (if applicable)
- ◆ FA2 compliance (if applicable)
- ◆ Logical bugs
- ◆ General Denial Of Service(DOS)
- ◆ Locked ether
- ◆ Private data leaks
- ◆ Using components with known vulns
- ◆ Weak PRNG
- ◆ Unused vars
- ◆ Unchecked call return method
- ◆ Code with no effects
- ◆ Pool Asset Security (backdoors in the underlying ERC-20)
- ◆ Function visibility
- ◆ Use of deprecated functions
- ◆ Authorization issues
- ◆ Re-entrancy
- ◆ Arithmetic Over/Under Flows
- ◆ Hidden Malicious Code
- ◆ External Contract Referencing
- ◆ Short Address/ Parameter Attack
- ◆ Race Conditions / Front Running
- ◆ Uninitialized Storage Pointers
- ◆ Floating Points and Precision
- ◆ Signatures Replay

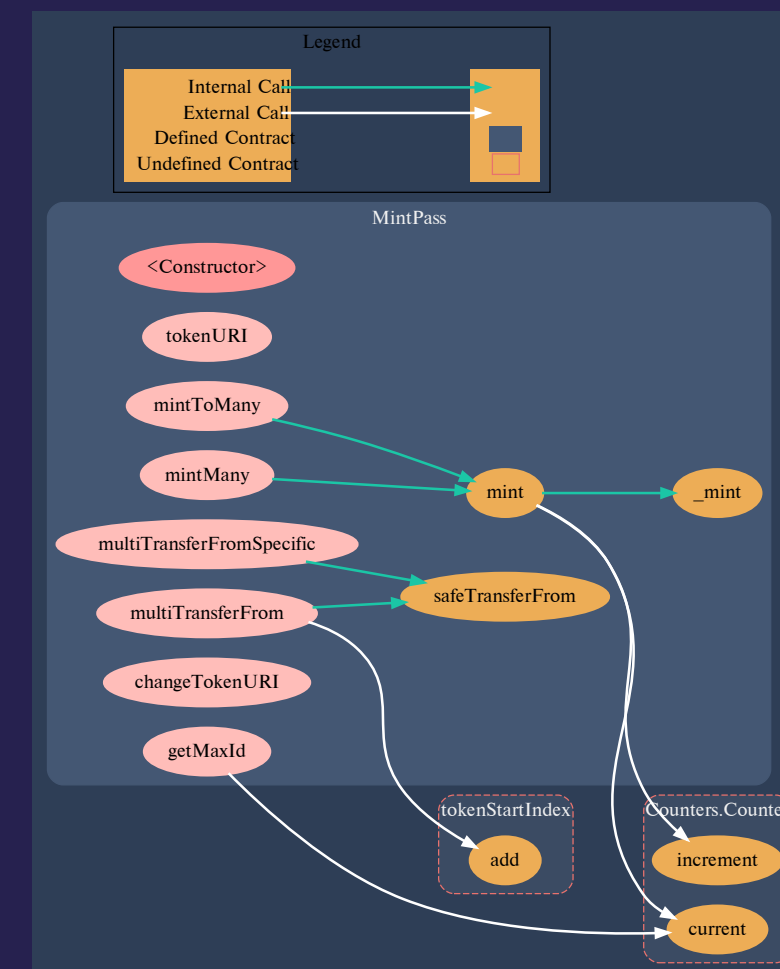


# STRUCTURE OF CONTRACT

## MINTPASS.SOL

### CONTRACT METHODS ANALYSIS:

- ◆ `tokenURI()`  
Vulnerabilities not detected
- ◆ `multiTransferFrom(address from, address[] memory adresses, uint256 tokenCount, uint256 tokenStartIndex)`  
Vulnerabilities not detected
- ◆ `multiTransferFromSpecific(address from, OneTransfer[] calldata transfer)`  
Vulnerabilities not detected
- ◆ `getMaxId()`  
Vulnerabilities not detected



Pic. 1.1  
MintPass.sol

- ◆ `mintMany(address toAddress, uint256 tokenCount)`  
Vulnerabilities not detected
- ◆ `changeTokenURI(string calldata tokenUri)`  
Vulnerabilities not detected
- ◆ `mint(address toAddress)`  
Vulnerabilities not detected
- ◆ `mintToMany(address[] calldata toAddressArr, uint256 tokenCount)`  
Vulnerabilities not detected

# VERIFICATION CHECK SUMS

Contract Name	Bytecode hash (SHA 256)
MintPass.sol	060fca790ed0a739487babf9d2f81622c6bb18de2398c985f11 cca0f7874c2a



# Get In Touch

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