



Cyberscope

# Audit Report

## **Revolon**

June 2024

Repository <https://github.com/RevolonGG/Revolon>

Commit [9e7666e94405292765c341212ff987c4bd93eo2c](#)

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# Analysis

● Critical ● Medium ● Minor / Informative ● Pass

Severity	Code	Description	Status
●	ST	Stops Transactions	Passed
●	OTUT	Transfers User's Tokens	Passed
●	ELFM	Exceeds Fees Limit	Passed
●	MT	Mints Tokens	Passed
●	BT	Burns Tokens	Passed
●	BC	Blacklists Addresses	Passed

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## Review

Contract Name	Revolon
Repository	<a href="https://github.com/RevolonGG/Revolon">https://github.com/RevolonGG/Revolon</a>
Commit	9e7666e94405292765c341212ff987c4bd93ea2c
Testing Deploy	<a href="https://testnet.bscscan.com/address/0x33432e4597086c5e70208ac8bf575a3b8725177f">https://testnet.bscscan.com/address/0x33432e4597086c5e70208ac8bf575a3b8725177f</a>
Symbol	RPM
Decimals	18
Badge Eligibility	Yes

## Audit Updates

Initial Audit	21 Jun 2024
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## Source Files

Filename	SHA256
contracts/Revolon.sol	75c84540efd9fd2db1eaa4ded520986745fede66b79c76f457793eb0b044fee2
@openzeppelin/contracts/utils/Context.sol	847fda5460fee70f56f4200f59b82ae622bb03c79c77e67af010e31b7e2cc5b6
@openzeppelin/contracts/token/ERC20/IERC20.sol	6f2faae462e286e24e091d7718575179644dc60e79936ef0c92e2d1ab3ca3cee
@openzeppelin/contracts/token/ERC20/ERC20.sol	ddff96777a834b51a08fec26c69bb6ca2d01d150a3142b3fdd8942e07921636a

<b>@openzeppelin/contracts/token/ERC20/extensions /IERC20Metadata.sol</b>	1d079c20a192a135308e99fa5515c27acfb b071e6cdb0913b13634e630865939
<b>@openzeppelin/contracts/token/ERC20/extensions /ERC20Burnable.sol</b>	2e6108a11184dd0caab3f3ef31bd15fed1b c7e4c781a55bc867ccedd8474565c
<b>@openzeppelin/contracts/interfaces/draft-IERC609 3.sol</b>	4aea87243e6de38804bf8737bf86f750443 d3b5e63dd0fd0b7ad92f77cdbc3e3

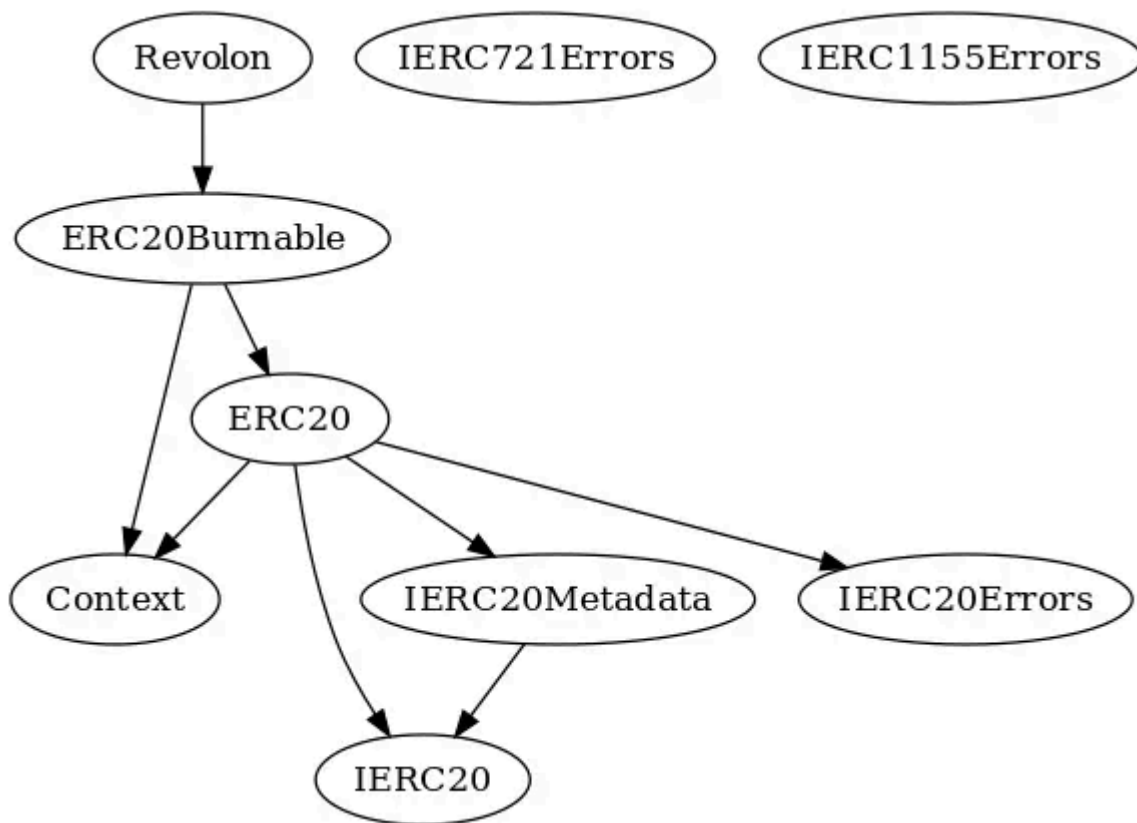
## Findings Breakdown

Severity	Unresolved	Acknowledged	Resolved	Other
● Critical	0	0	0	0
● Medium	0	0	0	0
● Minor / Informative	0	0	0	0

## Functions Analysis

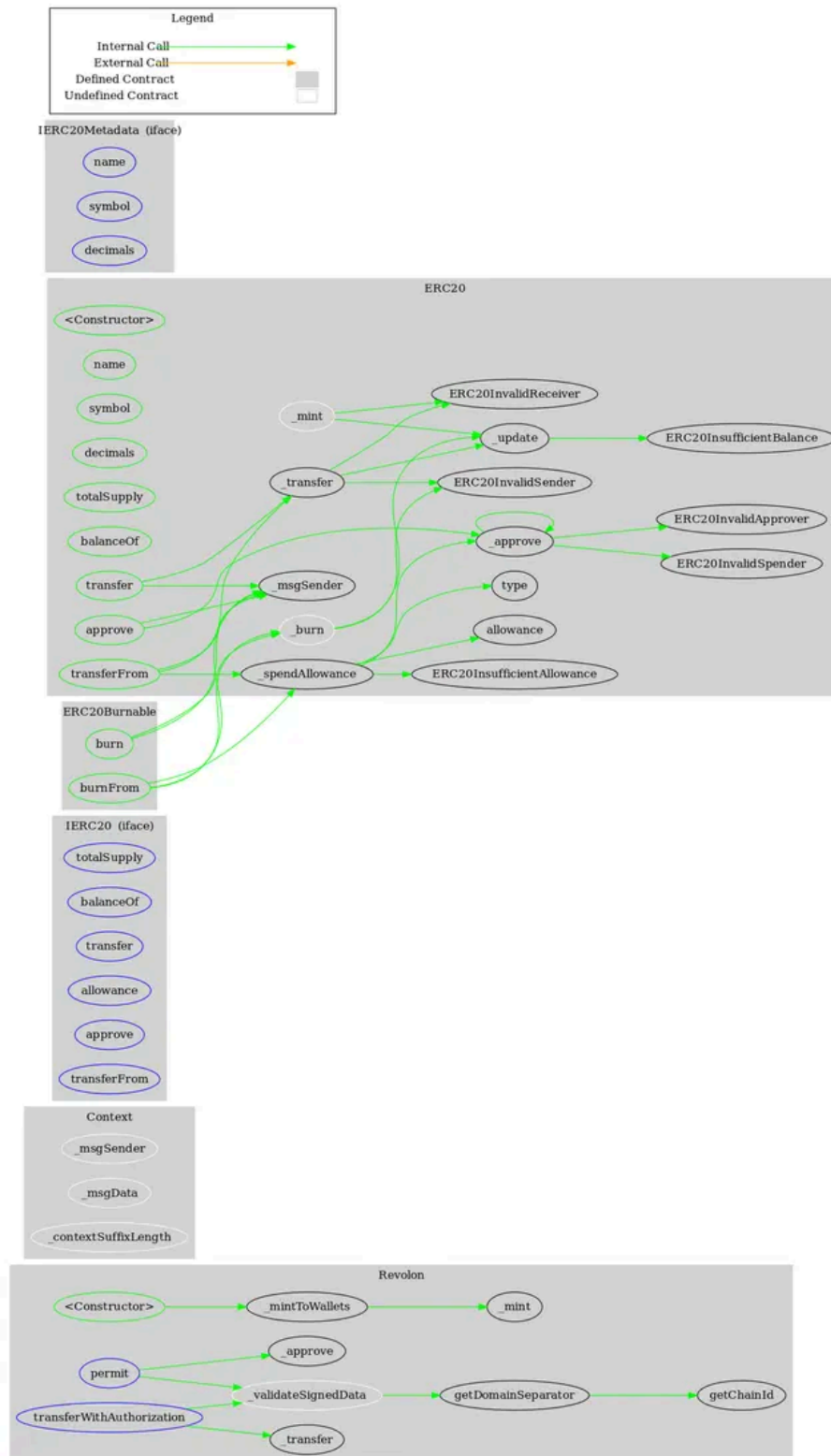
Contract	Type	Bases		
	Function Name	Visibility	Mutability	Modifiers
Revolon	Implementation	ERC20Burnable		
		Public	✓	ERC20
	_mintToWallets	Internal	✓	
	_validateSignedData	Internal		
	permit	External	✓	-
	getDomainSeparator	Public		-
	getChainId	Public		-
	transferWithAuthorization	External	✓	-

## Inheritance Graph





# Flow Graph



## Summary

Revolon contract implements a token mechanism. This audit investigates security issues, business logic concerns and potential improvements. Revolon is an interesting project that has a friendly and growing community. The Smart Contract analysis reported no compiler error or critical issues.

## Disclaimer

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Blockchain technology and cryptographic assets present a high level of ongoing risk. Cyberscope's position is that each company and individual are responsible for their own due diligence and continuous security. Cyberscope's goal is to help reduce the attack vectors and the high level of variance associated with utilizing new and consistently changing technologies and in no way claims any guarantee of security or functionality of the technology we agree to analyze. The assessment services provided by Cyberscope are subject to dependencies and are under continuing development. You agree that your access and/or use including but not limited to any services reports and materials will be at your sole risk on an as-is where-is and as-available basis. Cryptographic tokens are emergent technologies and carry with them high levels of technical risk and uncertainty. The assessment reports could include false positives, false negatives and other unpredictable results. The services may access and depend upon multiple layers of third parties.

# About Cyberscope

Cyberscope is a blockchain cybersecurity company that was founded with the vision to make web3.0 a safer place for investors and developers. Since its launch, it has worked with thousands of projects and is estimated to have secured tens of millions of investors' funds.

Cyberscope is one of the leading smart contract audit firms in the crypto space and has built a high-profile network of clients and partners.



**The Cyberscope team**

<https://www.cyberscope.io>