

DropSwap

DROP Token Whitepaper

A Multi-Chain, Omnichain DEX Aggregator
and its Native Utility Token

dropswap.finance

Version 1.9 — July 2026

Field	Value
Contract Address (all chains)	0xBD4E4BD9638725F248BBb055DB72E76A35e0Bc3D
Canonical Chain	Arbitrum One
Token Standard	LayerZero OFT v2 (native burn-and-mint)
Max Supply	100,000,000 DROP
Decimals	18
Ownership	Treasury Safe — 2-of-3 multisig

Disclaimer

This document is provided for informational purposes only and does not constitute financial, legal, investment, or tax advice. It is not an offer or solicitation to sell securities or any regulated financial instrument in any jurisdiction. DROP is a utility token intended for use within the DropSwap platform; it does not represent equity, a right to profit distribution, or any claim on the DropSwap project or its team.

Cryptocurrency assets are volatile and carry significant risk, including the risk of total loss. Nothing in this document should be construed as a guarantee of future price performance, liquidity, or platform adoption. Readers should conduct their own research and consult independent professional advisors before making any decisions related to DROP or the DropSwap platform.

All addresses, contract details, and figures in this document reflect the state of the project as of the publication date and are subject to change. The most current information is always available on-chain and at dropswap.finance.

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1. Introduction

DropSwap is a multi-chain decentralized exchange (DEX) aggregator that gives users a single interface to swap tokens efficiently across 24 blockchain networks. Rather than building its own isolated liquidity, DropSwap routes every trade through the LI.FI protocol, which in turn queries a wide range of underlying bridges and DEX aggregators — including 1inch, Odos, KyberSwap, and Uniswap — to find the most efficient execution path available at the moment of the swap.

DROP is the native utility token of the DropSwap ecosystem. As of July 2026, DROP v2 has been deployed as a fully omnichain asset spanning three chains via LayerZero's native OFT (Omnichain Fungible Token) standard: Arbitrum One (canonical chain), BNB Smart Chain, and Robinhood Chain. Unlike the previous version which used a lock-and-mint OFT Adapter on Arbitrum, DROP v2 is a native OFT on every chain — the same contract address across all three chains, deployed via CREATE3 for deterministic addressing.

The token is designed around two simple principles: reward active users of the platform, and tie the token's long-term scarcity directly to real, organic platform usage rather than external emissions or speculative mechanics.

2. The Problem

- Liquidity and trading opportunities in DeFi are fragmented across dozens of chains and hundreds of DEXs, forcing users to manually compare rates and bridge assets themselves.
- Bridging between chains is often slow, expensive, and requires trusting multiple independent protocols for a single end-to-end trade.
- Many token "utility" and "deflationary" mechanisms in the market are either cosmetic (no real fee source) or entirely manual and opaque, offering no way for holders to verify that a burn genuinely happened.

3. The DropSwap Solution

DropSwap addresses fragmentation by aggregating routing across 24 chains behind one interface, so a user can request a swap between assets on different chains, or on the same chain, and receive the best available route without manually researching bridges or DEXs.

On top of this aggregation layer, DropSwap layers a utility token, DROP, whose value proposition is built entirely from mechanisms that are verifiable on-chain: a transparent swap reward campaign that distributes DROP to active users of the platform, and an automated burn mechanism funded by real protocol fee revenue.

4. Technical Architecture

4.1 Supported Chains

DropSwap currently supports swaps across 24+ chains: Arbitrum, Base, BNB Chain, Polygon, Optimism, Avalanche, Ethereum, Unichain, HyperEVM, Sei, Berachain, Monad, Robinhood Chain, Plasma, Linea, Scroll, Blast, Mantle, Gnosis, Soneium, Abstract, Morph, Lisk, Moonbeam, Ink, and Fuse (EVM networks), plus Solana as DropSwap's first non-EVM (SVM) integration via LI.FI's Jupiter-based execution path.

4.2 Routing Layer

Every swap request is sent to the LI.FI protocol, which aggregates quotes from multiple underlying liquidity sources and bridges. DropSwap does not custody user funds at any point in this process. All swaps are executed

non-custodially through smart contracts operated by the underlying liquidity venues.

4.3 Fee Structure

DropSwap charges a 0.25% integrator fee on swaps routed through the platform, collected in the "from" asset. Of this fee revenue:

- 35% funds the Swap Reward Campaign (Section 8)
- 35% funds the automated DROP Burn Mechanism (Section 9)
- 30% supports ongoing protocol operations and treasury reserves

5. Omnichain Architecture: DROP v2

In July 2026, DROP was redeployed as DROP v2 — a native LayerZero OFT contract with a single deterministic address across all chains, achieved via CREATE3 deployment. This replaces the previous architecture which used a separate OFT Adapter contract on Arbitrum. Arbitrum One remains the canonical chain where the initial 100,000,000 DROP supply was minted.

5.1 Contract Addresses

Component	Chain	Address
DROP v2 (canonical OFT)	Arbitrum One	0xBD4E4BD9638725F248BBb055DB72E76A35e0Bc3D
DROP v2 (OFT)	BNB Smart Chain	0xBD4E4BD9638725F248BBb055DB72E76A35e0Bc3D
DROP v2 (OFT)	Robinhood Chain	0xBD4E4BD9638725F248BBb055DB72E76A35e0Bc3D
DROP/ETH Pool	Arbitrum (Uniswap V2)	0xfcea754ab36a49e0f05b40eafec392e529ec2ae4
DROP/BNB Pool	BNB (Uniswap V2)	0xa75ca7563edbb145cf17b1d22f6f6ff608d837e7
DROP/ETH Pool	Robinhood (Uniswap V2)	0xc253775e8b4dcac1715c849b063dc080ce9afd0b

5.2 Mechanism

DROP v2 uses a pure burn-and-mint OFT design on every chain. When DROP is sent from Arbitrum to BNB or Robinhood Chain, the sending-side contract burns the tokens and LayerZero relays a message instructing the destination-chain contract to mint the equivalent amount. The reverse direction burns on the destination chain and mints back on Arbitrum. The global sum is always 100,000,000 DROP.

5.3 Bridge Security

Every cross-chain message must be independently verified by two DVNs — LayerZero Labs and Nethermind — before execution. Both DVNs must confirm a message; a single compromised verifier cannot move funds. The two-DVN configuration was set and confirmed before the first transfer on each pathway. LayerZero V2 contracts have been audited by Zelic, ChainSecurity, Certora, and OtterSec.

5.4 Cross-Chain Supply — as of July 25, 2026

Chain	Total Supply (DROP)
Arbitrum One	99,945,092.96
BNB Smart Chain	24,019.38
Robinhood Chain	30,887.66
Global Total (sum)	~100,000,000

5.5 Liquidity Pools — as of July 25, 2026

Uniswap V2 liquidity pools have been established on all three chains at an initial price of \$0.01 per DROP (FDV \$1,000,000).

Chain	DEX	DROP Reserves	Native Reserves
Arbitrum One	Uniswap V2	~49,699 DROP	~0.281 ETH
BNB Smart Chain	Uniswap V2	~25,075 DROP	~0.475 BNB

Chain	DEX	DROP Reserves	Native Reserves
Robinhood Chain	Uniswap V2	~30,631 DROP	~0.188 ETH

5.6 In-App Liquidity Provision

DropSwap includes a "DROP Balances & Liquidity" panel showing a user's DROP balance and LP position across all three chains. All liquidity flows are non-custodial, executed directly from the user's wallet to the relevant Uniswap V2 router contract, with exact-amount ERC-20 approvals, 1% slippage tolerance, and a 20-minute deadline.

6. The DROP Token

Field	Value
Token Name	DROP
Standard	LayerZero OFT v2 (native, all chains)
Canonical Chain	Arbitrum One
Contract Address	0xBD4E4BD9638725F248BBb055DB72E76A35e0Bc3D (identical on all chains)
Decimals	18
Max Supply	100,000,000 DROP
Ownership	0xEcC74EDf0f1B02019567b1dCBda7c52bcFB2022C (2-of-3 multisig Treasury Safe)

6.1 Utility

- **Swap rewards:** active users earn DROP for qualifying swaps on any supported chain (Section 8).
- **Deflationary pressure:** protocol fee revenue funds an ongoing DROP burn, permanently reducing circulating supply (Section 9).
- **Liquidity pairing:** DROP is paired with ETH (Arbitrum, Robinhood) and BNB (BNB Chain) on Uniswap V2. Holders can add or remove liquidity directly from the DropSwap app.

7. Tokenomics

Total supply is fixed at 100,000,000 DROP. The table below reflects on-chain distribution as of July 25, 2026.

Location	Amount	Share	Purpose
Treasury Safe	97,895,000	97.90%	Unallocated supply; released incrementally
Campaign Wallet	1,000,000	1.00%	Reserved for swap reward payouts
Burn Wallet	1,000,000	1.00%	Reserved for burn mechanism
Arbitrum LP	50,000	0.05%	Uniswap V2 DROP/ETH
BNB LP	27,000	0.03%	Uniswap V2 DROP/BNB
Robinhood LP	30,000	0.03%	Uniswap V2 DROP/ETH
Vesting Contract	0	0%	30M DROP allocation — transfer pending

■ The team vesting allocation of 30,000,000 DROP has not yet been transferred to the vesting contract. This transfer from the Treasury Safe is planned as a near-term step.

7.1 Operating Wallets

Wallet	Address	Role
Fee Wallet	0xa8538D928338790861bB39Fb9Ef71E8F56747b49	Collects ETH integrator fee from swaps
Campaign Wallet	0x4341431e6cB4d4358B22488eDB5E3598fCBde3fd	Pays swap rewards to users
Burn Wallet	0xc65bc5651cC505F6Aa430672E4eddAC13325aF5D	Executes on-chain burn()
Treasury Safe	0xEcC74EDf0f1B02019567b1dCBda7c52bcFB2022C	2-of-3 multisig; holds unallocated supply

8. Swap Reward Campaign

The DROP Campaign is an ongoing, automated reward program that credits DROP to users for qualifying swaps performed through DropSwap on any supported chain.

8.1 How It Works

- A swap of at least \$10 in value on any supported chain is recorded and a DROP reward calculated based on swap USD value, the 0.25% fee rate, and a 35% reward share.
- The reward accrues off-chain to the user's wallet address as a pending balance.
- Users can claim at any time; a claim triggers a direct on-chain DROP transfer from the Campaign Wallet on Arbitrum.
- A daily payout cap limits total DROP distributed in any 24-hour period.

■ *The Campaign is temporarily paused pending price stabilization of DROP v2. It will be resumed once a reliable market price is established on DexScreener.*

8.2 Anti-Farming Controls

The campaign applies on-chain eligibility checks including minimum wallet age and prior transaction history to resist automated or Sybil-style farming.

8.3 Verifiability

Every campaign claim is a standard, publicly visible ERC-20 transfer from the Campaign Wallet on Arbiscan.

9. Burn Mechanism

DropSwap operates an automated, on-chain DROP burn funded by real platform fee activity, reducing circulating supply by destroying DROP held by the Burn Wallet.

9.1 How It Works

- After each qualifying swap, DropSwap calculates a DROP-denominated burn amount based on swap USD value, the 0.25% fee rate, a 35% burn share, and the current DROP market price.
- Once accumulated pending burns cross a configured threshold, the Burn Wallet calls burn() on the DROP contract, permanently reducing totalSupply().
- A daily burn cap limits how much DROP can be destroyed in any 24-hour period.

■ *The Burn mechanism is temporarily paused pending price stabilization of DROP v2. It will be resumed once a reliable market price is established.*

9.2 Funding the Burn Wallet

The Burn Wallet is periodically funded with DROP from the Treasury Safe. It does not purchase DROP on the open market, avoiding buy-side price impact on DropSwap's own pools.

9.3 Verifiability

Every burn transaction is publicly visible on Arbitrum. Total burned supply is verifiable by querying totalSupply() on the DROP contract or via the in-app burn history at dropswap.finance.

10. Team Vesting

A 30,000,000 DROP team allocation is planned to be locked in a dedicated smart contract on Arbitrum One, built on OpenZeppelin's audited VestingWallet and VestingWalletCliff standard.

Field	Value
Vesting Contract	0x11f813df4e72ddf6b956ea2516b12c3b1bc4c0d6
Cliff Period	6 months from deployment
Total Vesting Duration	24 months from deployment
Release Schedule	0% during cliff; continuous linear (per-second) release from month 6 to month 24

The vesting contract has no admin override, no emergency withdrawal, and no way for anyone — including the team — to accelerate, pause, or cancel the schedule once tokens are deposited. The only action available is `release()`, which sends the currently-vested portion to the designated beneficiary.

■ The 30,000,000 DROP transfer from Treasury Safe to the vesting contract is a planned near-term action.

11. Security & Transparency

- DROP v2 contract is verified on Arbiscan (Arbitrum) and BscScan (BNB). Robinhood Chain verification is pending.
- Contract ownership is held by a 2-of-3 multisignature Treasury Safe. No single key can modify contract configuration unilaterally.
- Campaign and Burn Wallets are single-purpose operating wallets restricted by daily caps; neither has access to the Treasury Safe.
- All three cross-chain bridges (Arbitrum↔BNB, Arbitrum↔Robinhood, BNB↔Robinhood) require independent verification from two DVNs (LayerZero Labs + Nethermind). All six peer pathways have been tested end-to-end.
- Circulating supply, total supply, and burn activity are derived live from on-chain contract state via public API endpoints.
- DropSwap's protocol volume is independently tracked and verifiable on DefiLlama.
- DropSwap never takes custody of user funds during a swap or liquidity operation.

12. Roadmap

Near Term

- Transfer 30,000,000 DROP from Treasury Safe to team vesting contract.
- Resume Campaign and Burn mechanisms once DROP v2 price is stable on DexScreener.
- Complete Robinhood Chain contract verification on Blockscout.
- Incremental deepening of liquidity pools on all three chains.
- Listing DROP v2 on GeckoTerminal, CoinGecko, and CoinMarketCap with updated addresses.

Mid Term

- Expansion of DropSwap's supported chains and integrated liquidity sources.

- Active management of DROP price alignment across three chains as liquidity deepens.
- Evaluation of liquidity mining program for DROP LPs.
- Evaluation of secondary liquidity pairs (DROP/USDC) once primary pool depth supports it.

Longer Term

- Expansion of DROP Campaign reward program with additional tiers.
- Evaluation of further omnichain expansion beyond current three chains.
- Continued evaluation of additional DROP utility as platform matures.

13. Risks

- **Liquidity risk:** All three DROP pools are in early stages and relatively shallow, which can result in meaningful price impact on larger trades.
- **Smart contract risk:** While built on audited LayerZero OFT and OpenZeppelin standards, no smart contract can be guaranteed entirely free of risk.
- **Bridge / DVN risk:** Cross-chain messages depend on two DVNs correctly verifying every message.
- **Cross-chain price divergence:** DROP trades in three independent pools; prices can diverge depending on arbitrage activity.
- **Operating wallet risk:** Campaign and Burn wallets are hot wallets restricted by daily caps.
- **Impermanent loss:** Liquidity providers are exposed to standard AMM impermanent loss.
- **Market risk:** DROP's price is influenced by overall cryptocurrency market conditions.
- **Regulatory risk:** Regulatory treatment of utility tokens continues to evolve across jurisdictions.
- **Team concentration:** DropSwap currently depends on a single core developer for ongoing development.

14. Conclusion

DropSwap aims to make multi-chain swapping simple while giving the DROP token a role genuinely tied to platform usage: an ongoing swap reward campaign distributing DROP directly to active participants, and a burn mechanism funded by real trading activity. DROP v2 represents a significant technical upgrade — a native OFT contract with a single deterministic address across all three chains, cleaner architecture without an adapter layer, and ownership secured in a 2-of-3 multisig Treasury Safe. With Uniswap V2 liquidity pools live on Arbitrum, BNB Chain, and Robinhood Chain, DROP v2 enters a new phase of its development as a verifiable, omnichain utility token.

Website: **dropswap.finance**

Contract (all chains): **0xBD4E4BD9638725F248BBb055DB72E76A35e0Bc3D**

Appendix A: Contract & Wallet Address Reference

All contract and operating wallet addresses referenced in this document.

Name	Chain	Address	Description
DROP v2 (canonical)	Arbitrum One	0xBD4E4BD9638725F248BBb055DB72E76A35e0Bc3D	Canonical OFT; 100M max supply minted here
DROP v2	BNB Smart Chain	0xBD4E4BD9638725F248BBb055DB72E76A35e0Bc3D	Native OFT; burn-and-mint via LayerZero
DROP v2	Robinhood Chain	0xBD4E4BD9638725F248BBb055DB72E76A35e0Bc3D	Native OFT; burn-and-mint via LayerZero
DROP/ETH Pool	Arbitrum (Uniswap V2)	0xfcea754ab36a49e0f05b40eafec392e529ec2ae4	Primary liquidity pool
DROP/BNB Pool	BNB (Uniswap V2)	0xa75ca7563edbb145cf17b1d22f6f6ff608d837e7	BNB liquidity pool
DROP/ETH Pool	Robinhood (Uniswap V2)	0xc253775e8b4dcac1715c849b063dc080ce9afd0b	Robinhood liquidity pool
Fee Wallet	Arbitrum One	0xa8538D928338790861bB39Fb9E71E8F56747b49	Collects ETH integrator fee from swaps
Campaign Wallet	Arbitrum One	0x4341431e6cB4d4358B22488eDB5E3598fCBde3fd	Pays swap rewards to users on-chain
Burn Wallet	Arbitrum One	0xc65bc5651cC505F6Aa430672E4eddAC13325aF5D	Executes on-chain burn()
Treasury Safe	Arbitrum One	0xEcC74EDf0f1B02019567b1dCBda7c52bcFB2022C	2-of-3 multisig; holds unallocated supply
Team Vesting	Arbitrum One	0x11f813df4e72ddf6b956ea2516b12c3b1bc4c0d6	OpenZeppelin VestingWallet; 30M DROP (transfer)