



WHITEPAPER

UnchainedLab

ULAB — the crypto-native merch launchpad. A fixed-supply, burnable ERC-20 utility token on Ethereum L1.

ERC-20

Ethereum L1

Fixed supply

Burnable

No owner · No mint · No tax

Verified ×4

Version 1.0 · unchainedlab.net

Network: Ethereum Mainnet (Chain ID 1)

Token contract: `0xD3a0BE220Ed54D10d0Be56bC4899628329d208aA`

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1. Abstract

Unchained Lab (ULAB) is a fixed-supply, burnable ERC-20 token deployed on the Ethereum Layer-1 mainnet and the native utility token of UnchainedLab — the crypto-native merch launchpad.

The total supply of 1,000,000,000 ULAB is minted once at deployment and can never be increased: the contract contains no minting function, no owner or administrative privileges, no transfer tax, and

no upgradeable proxy. Token holders may permanently reduce the supply by burning their own tokens. Built on the audited OpenZeppelin v5.4.0 contracts and verified across multiple block explorers, ULAB is engineered for transparency, predictability, and a minimal attack surface.

This paper describes the token's design, its utility within the UnchainedLab platform, the distribution of supply, and the project's approach to security and long-term sustainability.

2. Introduction

Trust in a token begins with its contract. Many projects undermine that trust from day one with hidden mint functions, privileged owner roles, adjustable taxes, or proxy patterns that allow the code to be silently changed after launch. Unchained Lab takes the opposite stance: the ULAB contract is intentionally simple, immutable, and fully verifiable by anyone.

ULAB is the native utility token of the UnchainedLab ecosystem. The sections that follow set out the product it powers, how the token is used, and how its supply is structured and governed by code rather than by discretion.

3. The Problem

Web3 has built powerful digital identities that collapse the moment they leave the screen. A community can have thousands of holders, a recognizable brand, and a culture people are proud of — yet none of it exists in the physical world. Holders are loyal to projects they can only see in a wallet or on a timeline. The connection is real, but it has no physical anchor.

Who experiences it

Two groups feel this gap directly:

- **Community builders** (DAOs, NFT projects, token communities, founders): they want to give holders a way to represent the brand in real life and to open a revenue stream — but they have no practical way to do it.
- **Community members / holders**: they want to wear and own their community's identity, paid in the assets they already hold, without leaving the crypto-native rails they trust.

Why existing solutions fall short

- Traditional merch operations require inventory, warehousing, upfront capital and shipping logistics — impractical for a decentralized community with no operational entity.
- Conventional print-on-demand platforms are built for Web2: they take the largest cut, pay out weeks later by bank transfer, own the customer relationship, and offer no crypto payment rails.
- Fiat-only checkout excludes a global, crypto-native audience whose value lives on-chain, and reintroduces the intermediaries, chargebacks and gatekeepers that Web3 was built to remove.

The result is that most communities simply never produce merch. The value — both cultural and financial — is left on the table.

Why a blockchain-based approach is appropriate

This is not a problem a Web2 store can solve, because the friction *is* the intermediation. A blockchain-native approach removes it at the root:

- **On-chain payments** let holders pay in the crypto they already own (ETH, USDC, USDT, PEP, SOL and more), reaching a global audience with no fiat rails.

- **Direct, programmable payouts** send the creator's share straight to their wallet — no banks, no settlement delays, no platform holding the funds.
- **On-chain proof** gives every order a verifiable transaction hash, eliminating chargebacks and disputes.
- **Disintermediation** returns ownership of the customer relationship and the economics to the community itself.

In short: Web3 identity has no trustless bridge to the physical world. UnchainedLab builds that bridge.

4. The Solution & Product

UnchainedLab is the crypto-native merch launchpad — infrastructure that lets any Web3 community turn its on-chain identity into real-world products in minutes, paid on-chain, with no inventory and no fiat rails.

Who it serves

UnchainedLab is two-sided: **creators** (community leaders who launch collections and earn) and **buyers** (holders who purchase and wear them). The launchpad connects both in a single, trustless flow.

5. The ULAB Token

ULAB is a standard ERC-20 token with a deliberately minimal feature set. Its key on-chain properties are summarised below and can be independently verified on any Ethereum block explorer.

| Property | Value |
|---------------------|--|
| Token name | Unchained Lab |
| Symbol | ULAB |
| Standard | ERC-20 (OpenZeppelin v5.4.0, ERC20 + ERC20Burnable) |
| Network | Ethereum Mainnet — Layer 1 (Chain ID 1) |
| Total supply | 1,000,000,000 ULAB (fixed) |
| Decimals | 18 |
| Contract address | 0xD3a0BE220Ed54D10d0Be56bC4899628329d208aA |
| Mintable | No — no mint function exists |
| Burnable | Yes — burn() and burnFrom() |
| Owner / admin | None — no privileged roles |
| Transfer tax / fees | None |
| Upgradeable proxy | No — contract is immutable |
| Compiler | solc 0.8.34, optimizer enabled (200 runs) |
| Source verified | Etherscan, Sourcify, Blockscout, RoutsScan (Exact Match) |

Because the supply is fixed and no minting is possible, ULAB is inherently deflationary: every burn permanently lowers the circulating and total supply, and no mechanism exists to create new tokens.

6. Token Utility

A community can spin up its own branded merch collection from start to finish — no code, no inventory, no operational overhead.

Five core products

| Product | Description | Price |
|-----------|---|-----------|
| T-Shirts | Premium cotton tees with full-front prints — logo, meme or NFT art on every size. | From \$24 |
| Hoodies | Heavyweight hoodies — the go-to merch piece for loyal holders. | From \$48 |
| Caps | Embroidered snapbacks and dad hats in community colors. | From \$22 |
| Mugs | Ceramic mugs with wraparound prints — for coffee and chart-watching. | From \$18 |
| Keychains | Custom metal keychains — low-cost collectibles holders can carry. | From \$8 |

These five products are the launch lineup; the catalog is not exhaustive and will expand over time as new items and categories are added.

How it works — four steps

- **Pick your products** from the five core items and set your prices.
- **Design your collection** in the browser — upload a logo, NFT art or memes onto every product and size.
- **Pay the listing fee** (\$5–10 in ETH, USDC, USDT, PEPU or SOL), refunded if the collection is rejected — an on-chain, anti-spam quality gate.
- **Launch & share** — get a direct link (e.g. unchainedlab.net/your-project) to drop in a Discord, a bio or a buybot. Collections can go live in minutes.

The ULAB / on-chain layer

- **On-chain checkout:** buyers pay in crypto (ETH, USDC, USDT, PEPU, SOL and more).
- **Direct creator payouts:** creators keep **35%** per sale, paid straight to their wallet.
- **On-chain proof:** every order carries a verifiable transaction hash — no chargebacks, no disputes.
- **Fulfilment handled:** print-on-demand production and worldwide shipping, with no inventory held by the community.

Beyond a store: infrastructure

UnchainedLab is designed to be embedded where new projects are born. Through launchpad integrations, a community can launch its token and its merch collection at the same time — making real-world identity a default part of a project's launch rather than an afterthought. This turns UnchainedLab from a single product into connective infrastructure across the ecosystem.

Why hold ULAB

While buyers can pay for merch in several crypto assets, ULAB is the token that captures the value the platform generates. Holding it is designed to be rewarded in two reinforcing ways:

- **Staking tiers:** holding or staking ULAB unlocks platform benefits that scale with your tier — reduced platform and listing fees, featured placement for collections, and access to premium

products and features. Staking is handled by a separate, dedicated contract; the ULAB token itself remains immutable and ownerless.

- **Buyback & burn:** a defined share of platform revenue (listing fees and the platform's cut of each sale) is periodically used to buy ULAB on the open market and permanently burn it. As platform usage grows, buy pressure and supply reduction grow with it — directly linking the token to real product activity. Every buyback and burn transaction is published on-chain for independent verification.

The exact staking-tier thresholds, the percentage of revenue allocated to buyback-and-burn, and its cadence will be published at the launch of the presale.

7. Tokenomics & Distribution

The total supply of 1,000,000,000 ULAB is allocated across the categories below.

| Allocation | % | ULAB | Notes |
|-----------------------|-------------|----------------------|----------------------------|
| Presale | 30% | 300,000,000 | Public / launchpad sale |
| Liquidity (DEX) | 20% | 200,000,000 | Locked at launch |
| Team | 25% | 250,000,000 | Vested over time |
| Ecosystem / Treasury | 15% | 150,000,000 | Development & partnerships |
| Community / Marketing | 10% | 100,000,000 | Airdrops, rewards, growth |
| Total | 100% | 1,000,000,000 | |

Each allocation has a defined purpose. **Presale** proceeds bootstrap initial DEX liquidity and fund platform development. **Liquidity** is paired and locked at launch to enable trading. **Team** tokens vest gradually on a transparent schedule to align long-term incentives. **Ecosystem / Treasury** funds product build-out, integrations and partnerships. **Community / Marketing** covers airdrops, holder rewards and growth campaigns.

At deployment, the full supply resides in the deployer/treasury address

`0x23d26298248FFCc71f49849fA0beB8e30A2bdE6C` and will be distributed to the categories above according to the project's schedule. All major movements will be traceable on-chain.

8. Liquidity, Vesting & Locks

To protect participants and signal long-term commitment, the project intends to:

- Lock the DEX liquidity for a defined period using a reputable locker (provider TBA), with proof published publicly.
- Vest team tokens on a transparent release schedule rather than unlocking them all at launch.

9. Security & Audits

Security is grounded in simplicity. ULAB inherits directly from OpenZeppelin's battle-tested ERC20 and ERC20Burnable implementations, adding only a constructor that mints the fixed supply. There is no custom transfer logic, no owner, no mint path, and no proxy — which keeps the audit surface minimal.

The deployed source code is publicly verified with an exact bytecode match on Etherscan, Sourcify, Blockscout, and Routerscan, allowing anyone to confirm that the running contract matches the published source.

The contract has been audited by SolidProof. Audit report and verification links:

[Add the SolidProof audit report link(s) and the verified-contract explorer links here once available.]

10. Roadmap

Timelines are expressed in quarters and anchored to the presale; they are indicative and may evolve. Each phase targets a concrete, on-chain-verifiable deliverable.

Phase 1 — Foundation (completed · Q2 2026)

Smart-contract deployment on Ethereum L1; multi-explorer source verification (Etherscan, Sourcify, Blockscout, Routerscan); SolidProof security audit; whitepaper; website and social channels.

Phase 2 — Presale & Live Product (Q3 2026)

Presale via Pinksale (soft/hard cap published at launch). **The UnchainedLab platform is live and fully usable from day one of the presale** — communities can design and launch merch collections immediately. Staking and holder-tier mechanics go live; exact tier thresholds and the buyback-and-burn revenue share and cadence are published at presale launch.

Phase 3 — Liquidity & Listings (Q3–Q4 2026)

DEX liquidity provisioning with LP locked for a defined period (locker and duration published with proof). Listings on CoinGecko, CoinMarketCap and DEXScreener. First buyback-and-burn executed and published on-chain.

Phase 4 — Growth (Q4 2026 – Q1 2027)

Launchpad integrations (token and merch launched together); expanded payment options and multi-chain support; referral program; first ecosystem partnerships.

Phase 5 — Scale (2027)

Expanded product catalog beyond the launch lineup; deeper integrations; sustained buyback-and-burn driven by platform revenue.

11. Core Contributors

UnchainedLab is built and supported by a distributed, community-driven group of core contributors. This list may evolve over time as the project grows.

@PEPU_BANK1 (Luca)

12. Risk Factors

Prospective holders should carefully consider the following non-exhaustive risks: market and price volatility, potentially leading to the total loss of value of holdings; regulatory uncertainty that may affect the legality of holding or using ULAB in certain jurisdictions; liquidity risk; smart-contract and

third-party (e.g. DEX, bridge, locker) risk; and execution risk relating to the delivery of the product and roadmap. Participation should only be undertaken with funds one can afford to lose.

13. Contact & Resources

Website: unchainedlab.net

Support: unchainedlabteam@gmail.com

Token contract: [0xD3a0BE220Ed54D10d0Be56bC4899628329d208aA](https://etherscan.io/token/0xD3a0BE220Ed54D10d0Be56bC4899628329d208aA)

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