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Stakd: coins backed by their own leveraged portfolio

Stakd is a token launchpad on **Robinhood Chain** in which every coin owns a leveraged trading portfolio. Each coin trades against native ETH in a Uniswap v4 pool. A Uniswap v4 hook charges a fixed trading fee in ETH on every buy and sell. 60% of that fee becomes margin for the coin's own basket of perpetual futures on Lighter's Robinhood exchange, and 40% goes to the platform. When the basket makes a profit, 75% of the realized profit is used to buy the coin back from its pool and burn it.

The result is a coin whose trading activity funds a real portfolio, and whose portfolio gains permanently reduce its supply. Every coin launches with no ETH, a fixed supply of 1,000,000,000 tokens and liquidity that can never be removed.

> **In one line:** trading the coin → ETH fees → leverage portfolio → profits → buy back & burn the coin.

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1. Motivation

Most launchpad tokens have no link between their trading activity and anything of value. Fees go to the platform or the creator, liquidity can often be pulled, and holders rely on attention alone.

Stakd is designed around three ideas:

- **Fees should work for holders.** Most of each coin's fees fund a portfolio that belongs to that coin, not to the creator.
- **Gains should reduce supply.** Portfolio profit is used to buy and burn the coin, so supply can only go down.
- **Rules should be fixed.** A coin's fee, basket and liquidity are set at launch and enforced by contracts.

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2. Design overview

Everything runs on one chain, Robinhood Chain (chain ID 4663), with no bridges. The system has five parts:

Component	Role
Factory	Creates coins, pools and treasuries, stores each coin's basket, and owns all pool liquidity.

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Hook	Uniswap v4 hook attached to every Stakd pool. Charges the coin's fee in ETH on each swap.
Treasury	One per coin. Receives fees, splits them, deposits margin and performs buyback-and-burn.
Router	Executes buys and sells for the website and buybacks.
Keeper	Automated off-chain service that collects fees, manages positions on Lighter and returns profit.

1. **Launch.** A creator picks a basket and a fee. The coin goes live in a Uniswap v4 ETH pool.
2. **Trade.** Every buy and sell pays the coin's fee in ETH to the hook.
3. **Fund.** 60% of fees are swapped to USDG and deposited into Lighter as the coin's margin. 40% goes to the platform.
4. **Trade the basket.** The keeper holds the basket's positions at their target weights and leverage.
5. **Burn.** Realized profit returns on-chain and is used to buy and burn the coin.

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3. Launch & liquidity

A creator launches a coin by calling the factory with a name, a ticker, a basket and a fee. The factory then:

1. Mints exactly **1,000,000,000** tokens. The token has no mint function, so no more can ever be created.
2. Creates a Uniswap v4 pool pairing the coin with native ETH and attaches the Stakd hook.
3. Adds the **entire supply** as single-sided liquidity starting from a market cap of roughly $5,000.

There is no presale, no bonding curve and no migration step. The coin is tradable on Uniswap v4 from the first block, and every buyer purchases from the same price curve. The creator needs no ETH, only gas.

Liquidity is locked forever

Uniswap v4 does not issue LP tokens. The liquidity position is owned directly by the factory contract, and the factory has no function that removes liquidity. Neither the platform, the creator nor anyone else can withdraw it. This is equivalent to burned LP, enforced by code.

The basket

- 1 to 6 markets from Lighter's Robinhood exchange, such as SPY, QQQ, NVDA, TSLA, BTC and ETH.
- Each market is long or short, with its own weight and leverage from 1x to 10x.
- Weights must add up to 100%, and each market can appear only once.
- The basket is stored on-chain at launch and can never be changed.

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4. Fee mechanism

The creator chooses a fee between **1% and 5%** at launch. The same rate applies to buys and sells and cannot be changed afterwards. The hook enforces a hard maximum of 5%.

- The fee is always taken in **ETH**, never in the coin, so fee collection never creates sell pressure.
- Because the fee lives in the pool's hook, it applies to every trade, including trades routed through aggregators, bots and other apps.
- Accrued fees can be collected by anyone and are paid only to that coin's treasury.

Share	Destination	Example: 1 ETH of fees
60%	The coin's leverage portfolio on Lighter	0.6 ETH
40%	Platform wallet (development, operations, infrastructure)	0.4 ETH
0%	Creator	0 ETH

The platform can adjust the split for coins launched in the future, but at least 50% of every coin's fees must go to its portfolio. The split of an existing coin is not changed by this.

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5. Leverage portfolio

Each coin's margin is swapped from ETH to USDG in the deepest Uniswap v4 ETH/USDG pool on Robinhood Chain and deposited into Lighter's contract. Every coin has its own Lighter sub-account, fully separated from every other coin.

Position sizing

Each position is sized as **equity × weight × leverage**. As fees keep arriving, positions grow in the same proportions.

> **Example:** $1,000 of equity with a basket of 40% long SPY, 30% long BTC and 30% long ETH at 2x gives positions of $800 SPY, $600 BTC and $600 ETH.

Rebalancing

When any position drifts more than 10% away from its target size, the keeper trades it back. The keeper follows the on-chain basket exactly. It does not choose markets, predict prices or use AI.

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6. Profit, buyback & burn

The keeper tracks each portfolio's **high-water mark**: all margin deposited plus any gains already kept. New fee deposits raise the mark by the same amount, so incoming fees are never counted as profit.

When a portfolio's equity rises more than **10% above its mark**:

1. **50%** of the gain above the mark is realized by trimming positions.
2. **75%** of the realized amount is withdrawn from Lighter to Robinhood Chain.
3. The treasury swaps it to ETH, buys the coin from its own pool and **burns** it.
4. The remainder stays in the portfolio, and the mark moves up so the same profit is never counted twice.

> **Example:** a portfolio with a $1,000 mark reaches $1,200. The gain is $200, $100 is realized, and $75 is used to buy back and burn the coin.

The treasury contract only lets returned profit be used for buyback-and-burn. It cannot be withdrawn to any wallet. Very small buybacks are grouped until they reach a minimum size so gas does not eat into them.

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7. Risk controls

- **Drawdown stop.** If a portfolio falls 35% below its mark, the keeper closes all of its positions and pauses its trading. The coin keeps trading normally.
- **Fees while paused.** Fees are still charged. The portfolio share builds up in the coin's treasury and cannot be spent elsewhere. It is deposited again when trading resumes, with the mark reset to current equity.

- **Margin cap.** Each coin can send at most 1 ETH of margin in total by default, adjustable by the platform.
- **Timelock.** Any change to where margin is sent requires a public two-day waiting period.
- **Pause.** The platform can pause new launches and new margin deposits in an emergency. Pausing cannot touch pool liquidity or existing funds.

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8. The STAKD token

STAKD is the official token of the Stakd platform. It was launched through the Stakd factory on 18 September 2026 and follows exactly the same rules as every other Stakd coin.

Contract	`0x2854Cf9f6C3DF1eEdCa72CD141e282AC167d1E6A`
Chain	Robinhood Chain (chain ID 4663)
Supply	1,000,000,000 fixed, 18 decimals, no mint function
Trading fee	2.5% in ETH on every buy and sell
Basket	2x long SPY 34% · 2x short BTC 33% · 2x long ETH 33%
Pool	Uniswap v4 STAKD/ETH, liquidity locked forever

Distribution

100% of STAKD was placed in the Uniswap v4 pool at launch. There was no presale, private sale or investor allocation, and no tokens were reserved for the team. Any STAKD held by the team was bought from the pool like everyone else. Part of the team's holdings is locked on PinkLock: **view lock**.

Supply over time

STAKD's supply can only decrease. Every buyback-and-burn from its portfolio permanently removes tokens from circulation.

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9. Security & trust model

Enforced by the contracts

- Fees can only be paid into the coin's treasury.
- The platform share can only go to the platform wallet.
- Margin can only be swapped to USDG and deposited into Lighter.
- Returned profit can only buy back and burn the coin.
- Pool liquidity can never be removed.
- A coin's basket and fee can never be changed after launch.

What holders trust Stakd for

Positions on Lighter are held in an account operated by Stakd and managed by the Stakd keeper. The contracts restrict where funds can move on-chain, but the trading itself happens off-chain on Lighter. Holders therefore rely on Stakd to run the keeper correctly and to return profits for burns. Every step is visible: margin deposits, positions, profit withdrawals and burns can all be checked on the coin's page and on the block explorer.

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10. Contracts

All contracts are deployed on Robinhood Chain mainnet (chain ID 4663).

Contract	Address
Stakd Factory	`0x019e1242e8d4b76Bc0A1dca1B912daA04323d355`
Stakd Hook (Uniswap v4)	`0xF6fBD259Fd80be4Dc9131eFd7Ed6F2089aA6E0cC`
Stakd Router	`0x15E2Db8885A9Fa6E5d79c4875687898FDf4E88e3`
STAKD token	`0x2854Cf9f6C3DF1eEdCa72CD141e282AC167d1E6A`
Platform wallet	`0x2DD3f57B811aB39832F202Af27367B1B04fE27b2`
Uniswap v4 PoolManager	`0x8366a39CC670B4001A1121B8F6A443A643e40951`
USDG (Lighter margin asset)	`0x5fc5360D0400a0Fd4f2af552ADD042D716F1d168`

Contract	Address
Lighter deposit contract	`0x94bAB9693Ba2f6358507eFfcbd372b0660AFfF9d`

11. Roadmap

Planned next steps. Timing and scope may change.

- Move ownership of the factory to a multisig wallet.
- External security audit of the contracts.
- Listings and launchpad integrations with data platforms and trading bots.
- A developer SDK for launching and trading Stakd coins.
- More Lighter markets available for baskets.
- Richer coin pages with portfolio performance history and burn history.

12. Risks & disclaimer

- Leverage magnifies losses. Positions can be liquidated and a portfolio can go to zero.
- Stock markets on Lighter follow a limited trading schedule, so positions may not rebalance at all times.
- The keeper must stay online, and Lighter is a third-party exchange with its own risks.
- The contracts have not yet been externally audited.
- Buybacks only happen when a portfolio is in profit. There is no guarantee of profit or of any burn.

This document describes how Stakd works. It is not financial advice or an offer of any investment. Coins launched on Stakd, including STAKD, are highly speculative and can lose all of their value.