TIDEA

The On-Chain Market Layer

Abstract

TIDEA is a decentralized trading and liquidity protocol built on Robinhood Chain. It combines on-chain liquidity with programmable market logic and an adaptive fee system. TIDEA is non-custodial and operates through smart contracts.

1. The Idea

Markets constantly change. TIDEA introduces a programmable market layer in which liquidity and trading parameters can respond according to predefined rules.

2. Protocol Overview

Markets, Adaptive Fees, Liquidity Provision, Incentives, Locking, Governance.

3. Built on Robinhood Chain

Direct wallet interaction, on-chain settlement, smart-contract composability, no centralized account requirement.

4. Programmable Liquidity

TIDEA uses Uniswap v4 infrastructure and adds programmable market behavior around the liquidity layer through hooks.

5. Adaptive Fees

Fees can respond within predefined boundaries to volatility, volume, liquidity, price movement, pool imbalance, frequency and market pressure. Adaptive fees do not eliminate market risk.

6-13. Liquidity, Incentives, Locking, Governance, Markets, Fees

Concentrated liquidity, variable incentives, token locking, and on-chain governance coordinate protocol-defined parameters.

14-25. Design, Risks and Closing

TIDEA is non-custodial, composable, and transparent. No returns are guaranteed. Users are responsible for verifying contracts, tokens, liquidity and transaction parameters.