

2,136 Electronic Parts Distributors — ALEX Intelligence 2026

California Leads with 2,136 Distributors

Where electronic parts flow to power AI chips — ALEX Intelligence, 2026

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THE DATA

2,136

Electronic Parts Distributors (2022)

California hosts more electronic parts distributors than any other U.S. state, according to the latest ALEX Intelligence data.

This concentration reflects a deep, established ecosystem for semiconductor logistics — not just fabrication, but the physical infrastructure that moves components from factory to integration. The sheer volume of distributors suggests a high degree of redundancy and regional specialization in distribution networks, particularly in the Bay Area and Silicon Valley corridors.

Source: U.S. Census Bureau, County Business Patterns 2022, NAICS 423690 (Other electronic parts and equipment merchant wholesalers) · ALEX Intelligence computation
<https://alex-companies.com/data/2026-09-20-ai-semis-ind-423690-state>

01

Distribution Lags Behind Fabrication

While California leads in distributor density, the state also hosts the majority of U.S. semiconductor fabrication capacity. This creates a structural imbalance: the physical layer of distribution is concentrated in the same region as production, increasing vulnerability to localized disruptions. A single event — a fire, power outage, or cyberattack — could disrupt the entire supply chain for AI chips before they reach end-use systems.

02

Geographic Over-Clustering Risks Systemic Failure

The concentration of distributors in California, even with strong regional infrastructure, represents a systemic risk. Unlike distributed networks in other sectors, the semiconductor distribution layer is heavily centralized, increasing latency and reducing resilience. As AI hardware scales globally, this bottleneck could become a constraint on deployment speed, particularly for edge devices requiring rapid component turnover.

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