

72-Hour Semiconductor Supply Risk Diagnostic

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Rows analyzed: 3

Restricted-party review candidates: 1

Critical: 1

High: 2

Medium: 0

Low: 0

Recommended actions

- Review Critical and High findings before procurement decisions.
- Request missing ECCN, HTS, end-use, country, and manufacturer data from suppliers.
- Create alternates for single-source and long-lead-time components.

Top risk evidence

1. FG-PKG-442 - Critical missing_data

- Rationale: ECCN, end-use, manufacturer, and lead-time data are missing or unknown.
- Source: FoundryGraph parser
- Confidence: 94%
- Human review: pending
- Missing field: ECCN
- Missing field: end_use
- Missing field: manufacturer_name
- Missing field: lead_time

2. FG-PKG-442 - High country

- Rationale: Supplier country is a high-review jurisdiction for this diagnostic.
- Source: FoundryGraph jurisdiction policy
- Confidence: 90%
- Human review: pending
- Jurisdiction: China

3. FG-HBM-001 - High single_source

- Rationale: Only one supplier/manufacturer path is available for a constrained memory component.
- Source: Customer BOM/AVL

- Confidence: 88%
- Human review: pending
- Single-source status: single

Restricted-party screening evidence

- Shenzhen Micro Assembly -> Shenzhen Micro Assembly (74%, CSL / customer watchlist, review: pending) - <https://www.trade.gov/consolidated-screening-list>

Human-review status

- row-2: country / High / pending
- row-1: single_source / High / pending
- row-2: missing_data / Critical / pending

Supplier follow-up email pack

Pacific Advanced Components: Data request for FG-HBM-001

Shenzhen Micro Assembly: Data request for FG-PKG-442

Northstar Distribution: Data request for FG-CTRL-190