December 2025

Monthly Market Insights

Rebound Electronics

Nexperia in Focus
SUPPLY CHAIN, REGULATION, AND MARKET IMPACTS

EMPLOY
15,000
PEOPLE
WORLDWIDE

At Rebound Electronics, we are closely monitoring developments surrounding Nexperia, one of Europe's key semiconductor manufacturers, as the Dutch government intensifies regulatory oversight of its operations. According to Reuters (October 2025), this intervention stems from national-security concerns linked to Nexperia's ownership by China's Wingtech Technology.
This episode has reignited a critical debate across Europe: how to safeguard technological sovereignty without jeopardising industrial continuity and the security of semiconductor supply chains.

Nexperia's Role and Headquarters

Headquartered in Nijmegen, the Netherlands, Nexperia employs more than 15,000 people worldwide and is a cornerstone of Europe's discrete and power-semiconductor market. The company produces essential components such as diodes, transistors, and MOSFETs, which underpin automotive electronics, energy management systems, and industrial automation. As TechRadar (2025) notes, these components - though less high-profile than AI chips - remain indispensable to modern manufacturing and electrification initiatives.

How It Started: Ownership and Oversight

The current regulatory focus stems from Nexperia's 2019 acquisition by Wingtech Technology, initially approved under existing European investment rules. Following heightened global tensions and a shift in Europe's risk-assessment frameworks, regulators began reassessing foreign ownership of strategic technology assets. By mid-2025, Politico Europe (2025) reported that Dutch authorities had started an internal review of Nexperia's governance structures and data-handling practices, particularly around R&D transparency and export-control compliance.

The Dutch Government's Intervention

In October 2025, the Dutch Ministry of Economic Affairs invoked its powers under the National Security Investment Act, imposing restrictions on Nexperia's access to certain intellectual property and research facilities. The government cited "strategic dependency risks" and the potential for technology transfer to non-EU jurisdictions. Nexperia maintains full compliance with Dutch and EU regulations and emphasises that its European operations remain locally controlled.

Supplier reports, China export controls, and Internal disputes

The following information has been compiled exclusively by Rebound Electronics' Market Intelligence team, gathered directly from Nexperia and its network of suppliers. These updates highlight a series of significant supply-chain disruptions, primarily related to the company's China operations:

1. Export Control Notification (China) 4th October 2025

- Nexperia received official notice from the Chinese government prohibiting the export of certain finished components and sub-assemblies manufactured in China.
- Shipments of unaffected inventory continue under a controlled order-entry and fulfilment system to ensure fair allocation.

2. Dongguan Factory Crisis

- Operations at Nexperia's Dongguan facility were disrupted, with a four-day work week implemented.
- Customers were advised to avoid using affected components in new designs.
- Products shipped prior to 13 October 2025 remain fully compliant; shipments after this date cannot be guaranteed.

3. Domestic Sales Resumption 23rd October 2025

- Nexperia China resumed sales for domestic distribution only, with transactions conducted in RMB, temporarily limiting exports.
- Allocation delays affected key components, including BAV99, BAT54, BZX84, PMEG, PESD, and BSS84AK.

4. Wafer Supply Suspension 6 - 7th November 2025

- Nexperia (Netherlands) suspended wafer shipments to its China facility due to non-payment by the subsidiary.
- The Netherlands-based headquarters reported unauthorised use of company seals, unapproved bank accounts, and unauthorised external communications.
- Automakers, including Nissan, were directly affected, reducing production by approximately 900 Rogue SUVs, with similar risks for Volkswagen and others.
- Given that roughly 70% of Nexperia's products are packaged and tested in China, these disruptions could result in global packaging shortages, particularly in Europe.

5. Counterfeit Alerts Early November 2025

- A surge in counterfeit Nexperia components was reported, particularly for models PESD24VL1BA and BAS316-QX.
- Clients are advised to purchase only from suppliers with robust quality-control processes and to verify authenticity through authorised distributors.

6. Market Volatility and Supply Outlook 13th November 2025

Export bans and special licensing requirements from China have been lifted, but inventory remains extremely tight.

OEMs and Tier-1 suppliers are employing a three-pronged procurement strategy:

- Sourcing from authorised distributors
- Engaging brokers
- Seeking alternative products from manufacturers such as Onsemi, TI, and Diodes

Short-term supply is sufficient for roughly two weeks, with procurement efforts focused on the subsequent 3–4 weeks.

7. Interim Coordination Measures 1–13th November 2025

Dutch and Chinese authorities signed Interim Coordination Minutes to stabilise the supply chain:

- Former CEO of Nexperia reinstated by 7 November
- Core assets of the Dutch headquarters and operations in China authorised by 13 November
- China established a 72-hour fast-approval channel for urgent automotive chip orders
- The EU encouraged member states to avoid implementing additional investment restrictions.

8. Wingtech–Nexperia Governance Dispute Update from 10th December 2025

- Wingtech has invited Nexperia's court-appointed custodians to discuss control of the company, marking a potential shift in the ongoing governance dispute.
- Nexperia seeks talks focused on restoring normal operations, while Wingtech insists ownership and control must be resolved first.
- Internal divisions persist as Nexperia's China packaging arm moves independently and wafer shipments from Europe remain halted, raising risks of renewed chip shortages in January.

9. December 2025 Updates Rebound Electronics Active sourcing update

- Industry alerts regarding Nexperia products manufactured in Dongguan (ATGD COO) have led Tier-1 customers to prioritise older, verified date codes to mitigate quality and supply- chain risks.
- Several EMS providers have temporarily halted procurement of newer-date-code Nexperia parts pending further clarification, placing additional pressure on the market for legacy inventory.
- In response, Rebound Electronics is actively sourcing and securing older-date-code Nexperia components to support customer continuity, maintain stable production, and address the heightened demand for trusted stock.

2019 2022 2025

March

Wingtech acquires Nexperia

Full acquisition approved by Dutch authorities.

July 2022

UK orders Nexperia to divest Newport Wafer Fab

First major intervention citing national-security concerns.

Mid

Dutch authorities begin internal review

Governance and ownership structures reassessed.

October

4th - China imposes export controls on Nexperia COO parts

Production affected; force majeure declared.

13th - Nexperia China operations formally disrupted

Shipments after this date not guaranteed compliant.

23rd Domestic sales resume in China

Export strictly limited; backlog and allocation issues persist.

November

6th–7th - Wafer supply suspended by Netherlands HQ

Non-payment and internal disputes disrupt packaging, affecting Nissan and others.

1st–13th Interim Coordination Measures signed

Stabilisation measures agreed by China-EU authorities.

13th Market update

Export bans lifted; supply remains tight, short-term shortages persist.

December

10th - Wingtech Nexperia Governance Dispute

Wingtech invited Nexperia's court-appointed custodians for talks on corporate control, while operational tensions continue between European and Chinese divisions, raising risks of renewed chip shortages in January.

Rebound Electronics – Proactive Stock Sourcing

Rebound Electronics is actively sourcing Nexperia inventory with date codes older than 2538 in response to Tier-1 customer requests, following industry alerts advising caution on newer COO ATGD Dongguan–produced parts.

Nov–Dec 2025 (expected) EU coordination on foreign-ownership rules

Anticipated introduction of a unified screening framework.

Supply-Chain Effects and Market Implications

- Europe remains dependent on Nexperia's packaging and testing in China, so disruptions affect automotive and industrial clients worldwide.
- Shortages are expected to last 4–8 weeks, with critical components at risk.
- Counterfeit risks increase during supply constraints, emphasising the need for authorised sourcing.
- Clients are actively procuring alternative parts from Onsemi, TI, and Diodes to maintain continuity.
- Rebound Electronics is proactively sourcing stock with date codes prior to 2538 at the request of many Tier 1 customers

Current Situation and Industry Outlook

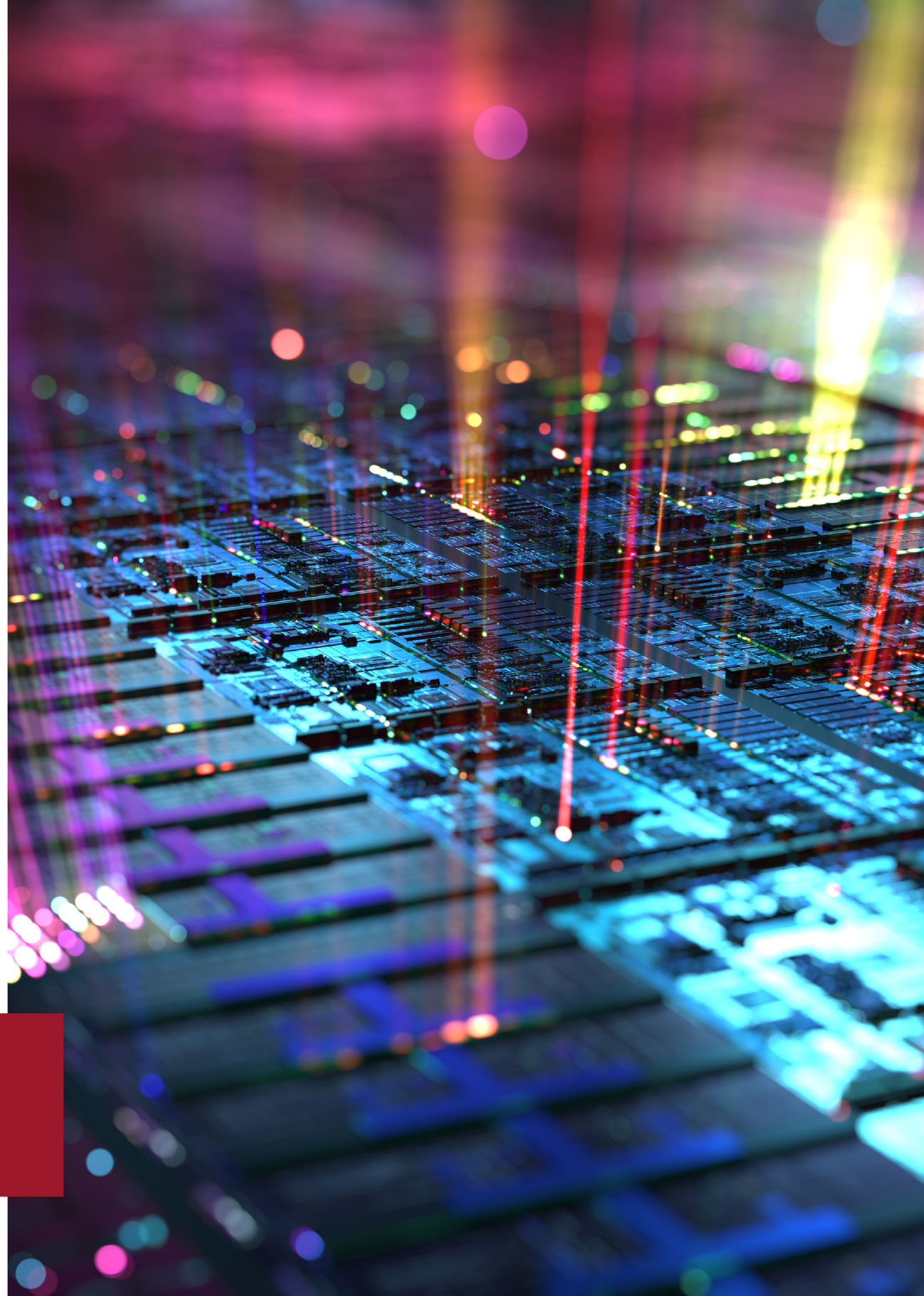
- Nexperia continues operations outside China and in Europe.
- China operations are gradually resuming domestic and international shipments following interim coordination.
- Short-term crisis mitigation (0–6 weeks) aims to prevent production line stoppages at automotive plants.
- Mid-term negotiations (1–3 months) focus on governance safeguards, technology transfer, and regulatory compliance.
- Long-term resolution (6–24 months) may involve arbitration, industrial restructuring, or Chips Act 2.0 initiatives.
- At Rebound Electronics we are seeing a period of adjustment as Nexperia navigates operational and regulatory constraints. Supply remains restricted, while demand continues to outpace availability. Many customers are specifically requesting stock with date codes older than Year 2025, Week 38, and Rebound continues to source product to fulfil these requirements and meet customer demand.

Rebound Electronics: Supporting Supply-Chain Continuity

- As the semiconductor landscape evolves, Rebound Electronics provides strategic sourcing solutions to help manufacturers maintain continuity. Our global network and comprehensive line card - including power discretes, MOSFETs, diodes, logic devices, and analogue ICs - enable clients to secure qualified alternatives quickly and confidently.
- Through Nuvonix by Rebound, we offer authorised and traceable sourcing, Rebound Obsolescence Management (ROM), and BOM-optimisation services, helping OEMs and EMS partners navigate uncertainty while sustaining operational agility.

This is a developing story. To learn more about the European and China semiconductor supply chain or discuss sourcing solutions, please contact Rebound Electronics.

"REBOUND ELECTRONICS IS PROACTIVELY SOURCING STOCK WITH DATE CODES PRIOR TO 2538 AT THE REQUEST OF MANY TIER 1 CUSTOMERS"



Preventing problems in your supply chain

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