



Solar chip export restrictions

China has responded to recent chip export restrictions with its own set of export controls on some gallium and germanium products, which will likely lead to further disruption in the...

In the 121-page document detailing updates to the export controls on chip-making tools, the US Bureau of Industry and Security intensified restrictions on a slew of gear needed for key processes ...

The decision might have been taken in apparent retaliation after the United States and Europe restricted chip exports to China. Ga and Ge will be subject to export restrictions as of Aug. 1. This means that the exporters of these raw materials must request special authorization from the state to send them outside the nation.

Nvidia is working on a version of its new flagship AI chips for the China market that would be compatible with current U.S. export controls, four sources familiar with the matter said.

Beijing will impose export controls on two rare elements essential for manufacturing semiconductors, in apparent retaliation after the United States and Europe ...

The US export controls are designed to close loopholes in existing rules and add restrictions that reflect the fast progress of Huawei and other Chinese groups in chip production over the past two ...

China has already been cutting back on antimony exports for years as the country consumes more domestically. In 2018, China accounted for 41 percent of global antimony exports, but by 2022 it accounted for only 23 percent. The latest export restrictions are only expected to widen the antimony market deficit, which was measured at 10,000 tons in ...

Learn about export controls and other restrictions on the export of goods from Canada including food, plant and animal products, as well as cultural property, nuclear substances, military and strategic goods, softwood lumber, firearms and more.

The measures do not just focus on export controls anymore but now incorporate a diverse array of sanctions, including investment restrictions, financial sanctions, tariffs, operating license ...

Shipments from allies that export key chipmaking equipment, including Japan, the Netherlands and South Korea, will be excluded, limiting the impact of the rule, sources said.

The chip export control measures adopted by the US in Oct are in direct violation of the WTO's obligations and market rules. All countries should unite and use existing international mechanisms to ...

the export of certain key metals used in the production of advanced semiconductors and solar panels.¹ Issued by the Ministry of Commerce, the directive targeted two types of critical...



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The restrictions cover critical technologies, including quantum computing and semiconductor goods, and is aimed at China and other competitors.

In September of the previous year, AMD disclosed new license requirements that would halt exports of its MI250 artificial intelligence chips to China. Since then, Nvidia, AMD, and Intel have all announced plans to create less potent ...

These controls require US chip makers to obtain a license in order to export these technologies. They also permit the US to block the import of foreign-made chips created using US manufacturing equipment. The controls are based on expanding the Foreign Direct Product Rule, a provision of the Export Administration Regulations.

Export restrictions would include technologies used to produce large-size solar panel silicon wafers, black silicon and ultra-efficient silicon ingots, according to Chinese media ...

Read more: Column: The Only Way the U.S. Can Win the Tech War with China. After the 2022 rules were brought in, U.S.-based chip design company Nvidia developed new chips, the A800 and H800, that ...

taipei -- If the United States imposes more investment restrictions and export controls on China's semiconductor industry, Beijing will respond in kind, according to China's ambassador to the U ...

The Dutch government has said it will impose export restrictions on the "most advanced" semiconductor technology, giving the first public details of the deal that The Hague and Tokyo struck ...

Yet Washington's export restrictions are stopping Chinese chip manufacturers from getting the tools they need. That means Chinese chip manufacturers are turning to the less advanced chips they ...

US chipmaking restrictions, China semiconductor restrictions, Alan Estevez, chip equipment export controls, US-Japan semiconductor policy, US-Netherlands chip policy, ASML, Nikon Corp, Tokyo Electron, SMIC, China chip industry, semiconductor export ban

China is considering new export restrictions on solar manufacturing technologies to boost its global dominance in the solar industry. The proposed rules will put advanced technologies used to make ingots and wafers, key parts that make up solar panels, on a list of export controls, according to a public consultation process jointly published in ...

China has started restricting exports of two materials key to the semiconductor industry, as the chip war with the US heats up. Under the new controls, special licences are needed to export ...

The US restrictions on the export of purely civilian semiconductor products to China and cutting supplies to



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specific Chinese companies are typical economic coercion practices, which not only ...

The announcement comes as the United States is reportedly considering new curbs on the export of advanced chips to China. Gallium, which has been designated a critical raw material by the European ...

U.S. rolls out new chip-related export controls as China makes industry advances. The Biden administration is rolling out new export controls on critical technologies, ...

China's export restrictions on Ga and Ge shake global semiconductor industry: unveiling motivations and impending disruption. China has announced its intention to implement restrictions on gallium, germanium, and their chemical compounds to safeguard Chinese national security starting from the first of August 2023. Exporters will be required to obtain ...

Japan said on Friday it will restrict exports of 23 types of semiconductor manufacturing equipment, aligning its technology trade controls with a U.S. push to curb China's ability to make advanced ...

It later modified those chips to create the A800 and H800 to get around those restrictions, but the A800 and H800 were also barred from export to China last October.

China says it will restrict exports of a mineral used in a wide range of products from batteries to weapons. ... A brief explanation issued by the Commerce Ministry said exports that comply with regulations would be permitted, but that the government opposes any country using items from China "to engage in activities that undermine China's ...

China's Export Restrictions on Germanium and Gallium Shake Up Global Order. Beijing's "chokepoint strategy" for rare metals could very well dictate the future balance of technological power.

US export controls have disrupted China's high-end chip production in the short term, but long-term success depends on adapting to rapid tech changes. Policymakers must monitor and adjust regulations to maintain a competitive edge, focusing on closing loopholes, tracking China's chip capacity, and developing alternative rare earth supply ...

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