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# Macro Roundup Article

**Headline:** China AI & Semiconductors Rise: US Sanctions Have Failed

**Article Link:** https://www.semianalysis.com/p/china-ai-and-semiconductors-rise

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| Publication | Semi Analysis |
| Publication Date | September 14, 2023 |

**Tweet:** Citing Huawei's new flagship chip, @dylan522p argues that US export controls on China's semiconductor sector are failing and suggests several steps the US could take that "could stop the Chinese semiconductor industry in its tracks."

**Summary:** Put simply, Kirin 9000S is a better-designed chip than the West realizes. It has solid power and performance. Even with the lackluster export controls, this is a leading-edge chip that would be near the front of the pack in 2021, yet was done with no access to EUV, no access to cutting-edge US IP, and intentionally hampered. We cannot overstate how scary this is. There are steps that could be taken to ensure that China does not develop the ability to mass-manufacture the sorts of chips needed for high-end military applications in the coming year. Half measures will not work, but a full-scale assault will make it so the cost of replicating the semiconductor supply chain domestically is neigh on impossible. While we aren't advocating for any of these specifically, it is clear the West can still stop China's rise if decisive action is taken.

**Related Articles:** Huawei Building Secret Network for Chips, Trade Group Warns and China Imports Record Amount of Chipmaking Equipment and Japan to Join US Effort to Tighten Chip Exports to China

**Primary Topic:** China

**Topics:** China, GDP, Op-Ed/Blog Post, Security, Trade (not deficits)

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