



Gigadevice energy storage chip

Who is GigaDevice?

GigaDevice stands out as a major player in China's high-performance general-purpose MCU market, with its solutions deployed across a wide range of sectors including power electronics, industrial automation, automotive systems, and motion control.

What services does GigaDevice offer?

GigaDevice also offers a broad array of vertical market solutions, pairing high-performance products with tailored technical support and holistic system design services to meet diverse application needs. Navitas, a recognized pioneer in GaN power technology, offers an extensive portfolio of GaNFast(TM) power ICs.

Why should you choose GigaDevice?

As a leader in China's high-performance general-purpose MCU market, GigaDevice has been widely adopted across diverse sectors including power systems, industrial automation, automotive electronics, and motion control, with cumulative shipments exceeding 2 billion units.

What is GigaDevice & Navitas semiconductor's joint R&D lab?

Collaborative R&D lab set to drive accelerated integration of GaN and SiC power solutions in AI data centers, EVs, solar infrastructure, and ESS applications. Navitas Semiconductor has revealed a strategic alliance with GigaDevice, a global frontrunner in microcontrollers (MCUs) and flash memory, to establish a joint research laboratory.

Can GigaDevice & Navitas accelerate the commercialization of GaN and SiC?

By combining Navitas' advanced power technology with GigaDevice's precision control capabilities, the two companies are positioned to significantly accelerate the commercialization and deployment of GaN and SiC in high-power applications.

Who is GigaDevice semiconductor?

About GigaDevice GigaDevice Semiconductor Inc. is a global leading fabless supplier of MCUs and flash memory. The company was founded in April 2005 and headquartered in Beijing, China, with branch offices in many countries and regions worldwide, providing local support at customers' fingertips.

With the booming development of emerging applications such as wearable devices, automotive electronics, Internet of Things, and cloud computing, as well as users' increasing pursuit of ...

Enter energy storage chips - the unsung heroes managing power flow in everything from Tesla Powerwalls to industrial-scale battery farms. As global energy storage ...

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across diverse sectors including power systems, industrial ...

Beijing, China (November 12, 2024) - GigaDevice (Stock Code: 603986), a leading semiconductor supplier, today officially announced the launch of the GD32G5 series high ...

With over 2 billion units shipped to date, the company's GD32 series exemplifies innovation in processing speed, storage capacity, and on-chip features--empowering ...

This chip can be used for large-scale energy storage and industrial and commercial energy storage applications, providing customers with more accurate ...

The companies have opened a joint R& D lab to combine Navitas' GaNFast power ICs with GigaDevice's GD32 microcontrollers, targeting high-efficiency systems in AI ...

Navitas Semiconductor (NVTX, Financial) and GigaDevice announce a strategic partnership to create a joint laboratory focusing on next-gen power solutions. The collaboration ...

Driven by the dual-carbon policy, green energy industries such as photovoltaics and energy storage are experiencing rapid development. It is reported that GigaDevice is actively exploring ...

Integrating Navitas' next-generation, clean-energy, GaNFast(TM) technology with GigaDevice's advanced high-performance MCU products will enable a new level of integration, ...

"For example, the sweeping robot application solution is a typical example of GigaDevice's system-level product portfolio." pointed out, "This solution combines GigaDevice's many ...

This move is regarded as a major strategic move by GigaDevice in the field of analog chips. Suzhou Saixin Electronics has significant advantages in the field of lithium battery ...

GigaDevice's GD32 high-performance MCUseries has been designed to use leading technology and core architecture, with higher processing power, greater storage ...

Joint lab collaboration expected to accelerate GaN& SiC adoption in AI data centers, EV, solar and energy storage systems (ESS) Navitas Semiconductor (Nasdaq: ...

along with Wearable device, automotive electronics, Internet of Things, cloud computing and other emerging applications, as well as users' increasing pursuit of intelligent life, are ...

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Web: <https://www.zielonygaj-mochnaczka.pl/contact-us/>

Email: energystorage2000@gmail.com

WhatsApp: 8613816583346

