

Abstract: The ability to dissipate heat is one of the most important features of modern electronic devices and is usually a limiting factor in the miniaturization of these devices. Designing power electronics and electronic consumer devices involves having to balance strict space and temperature design constraints with the need to implement several heat sources, such as ...

The Volt Post is India's First Net-Zero Committed B2B Media on Electronics, Tech Policies, Sustainability and Emerging Socio-Tech Chapters. We have been accoladed for being a major voice in creating valuable insights, reports, content, online and video-based marketing across Semiconductors, Smart Cities, ESDM Sector and IT& ITES sectors.

In order to develop foundational ultra-wide bandgap semiconductors, or UWBGs, based on diamond and aluminum nitride technology and revolutionize semiconductor electronics with increased power delivery and thermal management in sensors and other electronic applications, Raytheon has been awarded a three-year, two-phase contract by ...

Governor Katie Hobbs and Mayor Kate Gallego joined TSMC Arizona to announce the expansion of its Registered Technician Apprenticeship program, which offers a path to new jobs, with an emphasis on skill development and knowledge enhancement to give Phoenix workforce the know-how they need to thrive in the evolving semiconductor industry.

FPT Industrial announces a significant milestone of producing 200,000 Cursor 13 engines in less than two years. The milestone was achieved at its Cordoba (Argentina) plant. Key Features of The Successful Cursor 13 ...

5 ???· Current status of the energy matrix and regulatory framework for renewables. Argentina's energy matrix remains dominated by fossil fuels, which account for approximately ...

The recovery in end-demand for chips to fortify global semiconductor capacity in 2024. On the other hand the global semiconductor capacity in 2024 to log new heights as the latest reports of SEMI expect a vital increase of 6.4% in 2024. Also global semiconductor capacity in 2024 to witness 30 million wafers per month (wpm).

Merging the worlds of AUTOSAR and Android, EB corbos Link will be debuted at CES 2025 At CES 2025, Elektrobit said it will present the newest developments for quickening the automotive sector's shift to software-defined vehicles (SDVs).

The experiment's findings, which were published in Science, provide evidence of a strong link between hitherto unrelated fields of non-linear exciton-polariton dynamics and coherent optomechanics at GHz

frequencies, according to scientists at the Centro Atómico Bariloche and Instituto Balseiro (CAB-IB) in Argentina and the Paul-Drude ...

The incorporation of graphene into the production of semiconductors has been difficult to achieve, despite its enormous promise. However, a recent innovation by Israeli-based 2D Generation (2DG), a business that Adisyn recently bought, may soon change that.. With this acquisition, Adisyn, which once focused on providing IT services to SMEs in the Australian ...

Tenstorrent revealed that, at a \$2 billion pre-money valuation, it had closed more than \$693 million in its Series D investment round. Due to high investor interest, the round, which was headed by Samsung Securities and AFW Partners, was oversubscribed.

The markets covered by the company's lighting and building technology trade shows are Argentina, India, Turkey, the United Arab Emirates, and the United States. For Further Info on Light + Building shows worldwide: [CLICK HERE](#). Further Info on SIBT and SSHT: [CLICK HERE](#). [RELATED ARTICLES](#).

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