E peas energy harvesting Cuba

Is E-peas a leader in ultra-low power management for energy harvesting?
LOUVAIN-LA-NEUVE,Belgium,March 20,2024 /PRNewswire/-- e-peas,a leader in ultra-low power management for energy harvesting,today announced the closing of a new round of EUR17.5 million funding,led by Otium Capital,underscoring e-peas' market traction and technology leadership.

Why did E-peas get funding in March 2024?
March 2024 witnessed a significant milestone for e-peas as it secured EUR17.5 million in funding to accelerate the deployment of its energy harvesting solutions. This funding underscored the groundbreaking technology developed by e-peas,enabling significant CO2 savings and reduced use of rare earth materials.

What is energy harvesting?
Energy harvesting from various light sources: sun, bulbs, natural indoor light, etc. Harvesting energy from various thermal sources: waste heat, human heat, motor, etc. Power harvesting from various vibration sources: motors, railroads, cattle, etc. Harvesting power with various RF sources: 868MHz, 915 MHz, 2.4 GHz, etc.

Who are E-peas' new investors?
We are excited to welcome on board Otium,Nomainvest,and EIC Fundas new investors to support the growth journey." e-peas stands at the forefront of the semiconductor industry in Belgium and Western Europe,contributing to its recognition as a burgeoning hub for semiconductor innovation.

What are the different types of energy harvesting?
Avail. Energy harvesting from various light sources: sun, bulbs, natural indoor light, etc. Harvesting energy from various thermal sources: waste heat, human heat, motor, etc. Power harvesting from various vibration sources: motors, railroads, cattle, etc. Harvesting power with various RF sources: 868MHz, 915 MHz, 2.4 GHz, etc.

E-peas, a company that specialises in energy harvesting solutions, has recently developed and released a low-energy microcontroller specifically aimed at applications utilising energy harvesters. The new ...

Missed our live webinar? Here"s the full replay of InPlay Inc"s and e-peas" insightful session on the Energy Harvesting NanoBeacon EVK. Dive into the collabo...

e-peas AEM20940 Thermal Energy Harvesting IC is an integrated energy management circuit that extracts DC power from a TEG to simultaneously store energy in a rechargeable element and supply the system with two independent regulated voltages. The AEM20940 extends the battery lifetime and ultimately eliminates the primary energy storage element ...

Highly efficient, Regulated Dual-Output, Ambient Energy Manager for Source Voltage Level Configuration

with Optional Primary Battery. The AEM00940/1 is an integrated energy management circuit that extracts DC power to simultaneously store energy in a rechargeable element and supply the system with two independent regulated voltages.

in case of any technical issues or for any non-product related inquiries, please contact us either by phone: (+32) 10 77 12 30 or by email: info@e-peas

We provide industry leading energy harvesting and processing solutions - AEMs & Microcontrollers - to give infinite battery life to your wireless device by increasing the amount of harvested energy and by drastically reducing the ...

Energy harvesting is the process of harvesting energy from ambient power sources. The energy is extracted, managed, and delivered to a low-power electronic device, or it is stored for later use. This process is performed by an ...

We revolutionize the loT industry by offering the best performing ambient energy harvesting, processing and sensing solutions that make the batteries of your wireless devices live forever

e-peas, the leader in power management ICs (PMICs) and ultra-low power semiconductors for energy harvesting, will showcase its innovative technology at this year"s Embedded World exhibition.This event is an opportunity to explore the wide array of applications made possible by e-peas technology and its extensive ecosystem and partner network.

e-peas, a leader in power management ICs (PMICs) for energy harvesting, has partnered with NICHICON CORPORATION, a leading manufacturer of miniature lithium-titanate (LTO) rechargeable batteries.This collaboration leverages e-peas" high-performance PMICs and NICHICON"s micro energy storage devices to deliver an ultra-compact, lightweight, and long ...

Energy harvesting PMICs prove a sustainable alternative to primary-battery power across many connected applications. Louvain-la-Neuve, Belgium, April 4th, 2024 - e-peas, a leader in energy harvesting power management technology, invites engineers to its booth located Hall 4A -301 at Embedded World 2024 to see just how easy it is to use e-peas PMICs ...

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The e-peas technology for energy harvesting is providing the power for sensor applications displayed at Sensors Converge by partner members of the comprehensive e-peas energy harvesting ecosystem. The ecosystem is a set of energy source makers, energy storage vendors and wireless communications device manufacturers orchestrated by e-peas to provide ...

Louvain-la-Neuve, Belgium - e-peas, a leader in ultra-low power management for energy harvesting, today announced the closing of a new round of EUR17.5 million funding, led by Otium Capital, underscoring e-peas" market traction and technology leadership.The round was also joined by new investors Nomainvest and EIC Fund, as well as existing investors KBC ...

The e-peas energy harvesting antenna is 10 times smaller than a standard off-the-shelf component, providing more space for customers" designs. It has been developed in conjunction with technology experts at Ignion - and is well suited to a wide variety of industrial applications including building automation, smart metering, asset tracking and other logistics applications.

E-peas" thermal energy harvesting IC solution - AEM20940 - is an integrated energy management subsystem that extracts DC power from a thermoelectric generator (TEG) to simultaneously store energy in a rechargeable element and supply the system with two independent regulated voltages. This allows product designers and engineers to extend ...

This Earth Day, Silicon Labs and e-peas are proud to announce a breakthrough in sustainability: the co-development of three energy harvesting shields for Silicon Labs" new, energy-optimized xG22E Explorer Kit. A Sustainable Future with the xG22E Explorer Kit. Silicon Labs and e-peas have combined their expertise to create cutting-edge technology based on e-peas" AEM13920 ...

e-peas has developed pioneered energy harvesting technologies that gather ambient energy such as light, radio frequency, temperature gradient, or vibration, removing the ...

The AEM00330 is an integrated energy management circuit that extracts DC power from an ambient energy harvesting source to simultaneously supply an application and store energy in a storage element. The AEM00330 allows to ...

e-peas" AEM00920 is a photovoltaic (PV) energy source PMIC combining: a very high-efficiency input boost converter, a very high-efficiency buck converter from Storage to Application, a 5V direct storage charger, an application-specific ...

e-peas delivers best performing Energy Harvesting solutionsto a wide range of IoT applications. Contact us to check if your application can be autonomous. ... Where to order Products. Energy Harvesting > Photovoltaic > AEM10300 > AEM10330 > AEM10900 > AEM10941 > Thermal > AEM20940 > Vibration > AEM30300 > AEM30330 > AEM30940 > Radio Frequency ...

With such a central position, it has a key role in the energy efficiency of the whole system. With that understanding, e-peas propose a general purposes microcontroller, based on a 32-bit ARM architecture and presenting an extremely low power consumption, both in active and standby mode. This is achieved by a combination of a proper technology ...

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Discover more about this energy harvesting tech. Search for: Where to order Products. Energy Harvesting > Photovoltaic > AEM10300 > AEM10330 > AEM10900 > AEM10941 > Thermal > AEM20940 > Vibration > ... I agree to receive information and commercial offers from e ...

e-peas" AEM30940 energy harvesting IC solution is an integrated energy management circuit that extracts DC power from low-frequency AC sources (i.e., vibrations) to simultaneously store energy in a rechargeable element and ...

e-peas" AEM10920 is a photovoltaic (PV) energy source PMIC combining: a very high-efficiency input boost converter, a very high-efficiency buck converter from Storage to Application, a 5V direct storage charger, an application-specific shipping mode, and a wide compatibility to various Storage element technologies.

e-peas, a pioneer in ultra-low power management for energy harvesting, has announced the closing of a new round of EUR17.5 million funding, led by Otium Capital.

Christian Ferrier, Chief Marketing Officer of e-peas commented: "We are thrilled to add the Powerfoyle technology of Exeger to our vast energy harvesting ecosystem. Thanks to this long run collaboration with Exeger, we bring to the market a compact, cost-efficient energy solution for replacing disposable batteries and making IoT products maintenance-free.

Solutions and demonstrations integrate advanced e-peas energy harvesting PMICs with partners" energy sources and storage elements on show at Electronica 2024

The AEM00300 is an integrated energy management circuit that extracts DC power from an ambient energy harvesting source to store energy in a storage element. The AEM00300 allows to extend battery lifetime and ultimately eliminates the primary energy storage element in a large range of applications.

The AEM30300 is an integrated energy management circuit that extracts DC power from an ambient energy harvesting source to store energy in a storage element. The AEM30300 allows to extend battery lifetime and ultimately eliminates the primary energy storage element in a large range of wireless applications, such as industrial monitoring, geolocation, home automation, e ...

Discover our thermal electric energy harvesting technology. Search for: Where to order Products. Energy Harvesting > Photovoltaic > AEM10300 > AEM10330 > AEM10900 > AEM10941 > Thermal > AEM20940 > ... E-PEAS ...

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