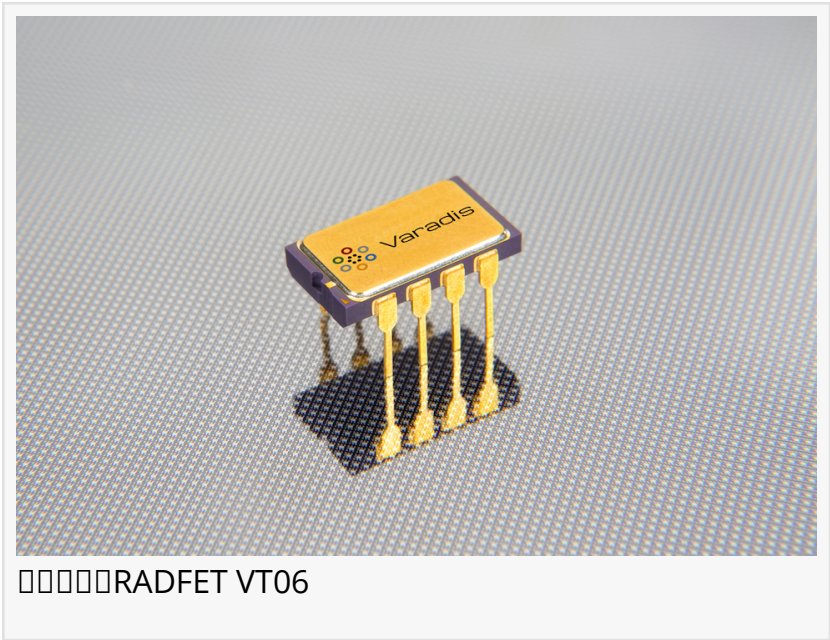


NASA Selects Varadis VT06 RADFET for Space Radiation Testing

CORK, IRELAND, September 26, 2023
 /EINPresswire.com/ --
 NASA has selected the VT06 RADFET (Radiation-Induced Conductance FET) for use in the NASA Electronic Parts and Packaging (NEPP) program. The VT06 is a high-performance, radiation-hardened device that is capable of operating in the harsh environment of space. It is currently being tested at the NASA Space Radiation Laboratory (NSRL) in Goddard Space Flight Center, Maryland. The testing is part of the NASA Space Radiation Effects (NSRE) program, which is designed to evaluate the effects of space radiation on electronic components. The results of the testing will be used to develop radiation-hardened components for use in future space missions. The VT06 is a 3-terminal device that is easy to use and has a long history of reliable operation in space. It is currently being used in a variety of NASA missions, including the Mars Science Laboratory (MSL) and the International Space Station (ISS). The VT06 is also being used in a number of commercial space missions, including the SpaceX Dragon and the Virgin Galactic SpaceShipTwo. The VT06 is a testament to the reliability and performance of Varadis products in the most demanding environments.



Varadis VT06 RADFET

[NASA Electronic Parts and Packaging Program](https://nepp.nasa.gov/npsl/npsl_UsePolicy.htm)

(NEPP) is a NASA program that provides a wide range of services to NASA and its partners. The program is designed to ensure that NASA's electronic components are reliable and performant in the harsh environment of space. The program provides a variety of services, including design, development, testing, and production. The program also provides a number of other services, including training and technical support. The program is a key part of NASA's commitment to ensuring the reliability and performance of its electronic components.

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Varadis

+81 90-1844-8689

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