



FOR IMMEDIATE RELEASE

**Getting a Good Signal:
StratEdge's High-Performance Power Amplifier Packages on the Red Planet**
Currently en route, again, on NASA's Mars 2020 Perseverance Rover

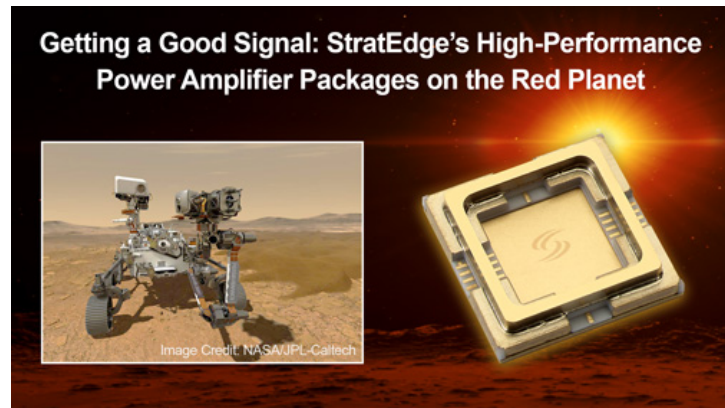
Santee, Calif. — February 4, 2021 —

[StratEdge Corporation](https://www.stratedge.com), leader in the design and production of high-performance semiconductor packages for microwave, millimeter-wave, and high-speed digital devices, announces that its SE20 power amplifier packages are playing a key role in transmitting

signals with information gathered from NASA's Mars rover missions back to earth. With the Mars 2020 Perseverance rover arrival next month, StratEdge packages are yet again traveling to Mars. The key to success is the same as before, high-quality and high-reliability packages that can survive the extreme conditions on the journey and finally working on Mars.

StratEdge's participation in the Mars rover missions began in 2003 with twin rovers Spirit and Opportunity and then again in 2011 with the Curiosity rover. To transmit signals and information back to Earth, the rovers were all equipped with power amplifier packages from StratEdge. The power amplifier system was designed to protect the gallium arsenide monolithic microwave integrated circuits (MMICs) to ensure true signal integrity. All signals that are transmitted go into the StratEdge package through the chip, and back out the package. It's critical that the package doesn't interfere with the signals produced by the MMIC, and StratEdge's proprietary package design minimizes signal loss so the MMIC performs optimally.

“The StratEdge team is honored to be selected again to be part of the great engineering successes on Mars making historic achievements,” says Casey Krawiec, VP of global sales for StratEdge.



To learn more about the Perseverance mission, visit: mars.nasa.gov/mars2020.

For more information about StratEdge, email info@stratedge.com, or visit our website at www.stratedge.com.

Photo available at: www.stratedge.com/stratedge-package-on-mars-rover.png

About StratEdge

[StratEdge Corporation](http://www.stratedge.com), founded in 1992, designs, manufactures, and provides assembly services for a complete line of high-frequency and high-power semiconductor packages operating from DC to 63+ GHz. StratEdge offers post-fired ceramic, low-cost molded ceramic, and ceramic QFN packages, and specializes in packages for extremely demanding gallium arsenide (GaAs) and gallium nitride (GaN) devices. Markets served include telecom for 5G, VSAT, broadband wireless, satellite, military, test and measurement, automotive, clean energy, and down-hole. All packages are lead-free and most meet RoHS and WEEE standards. StratEdge is ITAR registered and an ISO 9001:2015 certified facility located in Santee, California, near San Diego.

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For more information contact:

Casey Krawiec
StratEdge Corporation
9424 Abraham Way, Santee, CA 92071
Email: c.krawiec@stratedge.com
Phone: +1.858.569.5000

Tricia McGough
TW Marketing (agency)
+1.254.383.9700
Email: tricia@twmarketing.net