

Company Overview

Odyssey Semiconductor, Inc was founded in 2019 by Rick Brown and James R. Shealy, in Ithaca, NY with the aim of replacing silicon carbide with gallium nitride as the dominant high-performance power switching semiconductor material of choice.

The material properties of gallium nitride (GaN) make it a far superior choice to silicon carbide (SiC) for power switching applications. To date however, GaN processing technology has not been able to realize a viable GaN high voltage switching transistor operating above 1000 V. Current designs have been horizontal conduction devices based on radio frequency (RF) designs modified to operate at high voltage. These designs, however, do not scale well beyond the 1000 V operating voltage, which limits their use to low voltage, consumer electronics applications.

Odyssey Semiconductor's unique GaN processing technology allows for the realization of vertical current conduction GaN devices which extends application voltages from 1000 V to over 10,000 V, allowing GaN devices to break out of the consumer electronics application space and into more demanding roles such as electric vehicles, industrial motor control, and energy grid applications.

Odyssey Semiconductor Technologies Reports Third Quarter Financial Results and Business Highlights

Nov 10 2021, 4:10 PM EST

Odyssey Semiconductor Technologies Schedules Conference Call and Webcast to Provide Business Update and Discuss Third Quarter 2021 Results

Oct 28 2021, 5:23 PM EDT

Odyssey Semiconductor Technologies Provides Update to Operating Activities

Sep 20 2021, 7:00 AM EDT

Investor Relations

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Management Team

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Disclaimer

Except for the historical information contained here in, the matters discussed in this document are forward-looking statements that involve risks and uncertainties, including but not limited to business conditions and the amount of growth in our industry and general economy, competitive factors, and other risks detailed from time to time in the Company's SEC reports, including but not limited to its annual reports on form 10-K and its quarterly reports on Form 10-Q. The company does not undertake any obligation to update forward-looking statements. All trademarks and brand name are the property of their respective companies.