

Rogue Valley Microdevices Unveils 300mm MEMS Capability at its Upcoming Palm Bay, Florida Facility

CEO Jessica Gomez presents this week at the MEMS & Sensors Technical Congress

MEDFORD, OREGON, UNITED STATES, May 1, 2024

/EINPresswire.com/ -- [Rogue Valley Microdevices](#),

an Oregon-based advanced manufacturing company specializing in microelectromechanical systems (MEMS), today announced that its new fab, currently under construction on the "Space Coast" of Florida will be 300mm capable. The

company is the first pure-play [MEMS foundry](#) to announce 300mm capability for its customers, many of whom are innovators looking to transition from lab to fab with custom development requirements.



“

We take immense pride in working with our customers as true partners in MEMS manufacturing.”

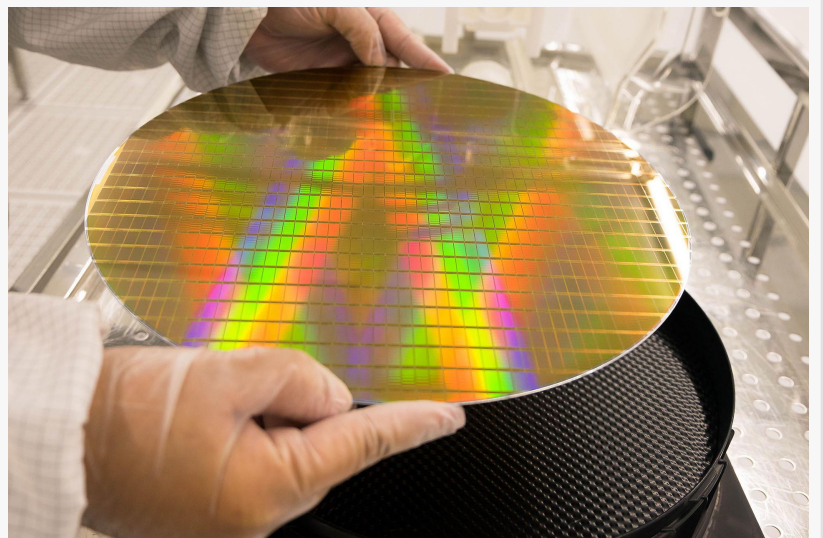
*Jessica Gomez, founder and
CEO of Rogue Valley
Microdevices*

A MEMS foundry that can handle 300mm wafers benefits customers who require post-CMOS processing since much of the world's CMOS foundry capacity has already transitioned to 300mm wafer processing. In addition, pure-play MEMS microfabrication delivers economies of scale which can open markets and improve margins.

Jessica Gomez, founder and CEO of Rogue Valley Microdevices, is presenting this week at the MEMS &

Sensors Technical Congress on the topic of “[Microneedle Technology: Advancing Transdermal Drug Delivery and Biosensing](#).” In her presentation, she'll explain how MEMS devices like microneedles are used in the healthcare industry for drug delivery and sensing applications such as continuous glucose monitoring patches for diabetics, along with emerging applications such as vaccine delivery and skin cancer treatment. When microneedle companies, and other makers of disposable bioMEMS can build their devices on 300mm wafers, they gain the economies of scale presented by larger substrates, resulting in higher margins and potential entry into new markets. These benefits apply to industries far beyond biomedical devices, and include applications in automotive, agricultural, and industrial markets.

“We take immense pride in working with our customers as true partners in MEMS manufacturing,” says Gomez. “With Rogue Valley Microdevices’ investment in 300mm MEMS capability at our new Palm Bay, Florida fab, we’re poised to empower our customers with significant competitive advantages, facilitating their journey from initial concept to the successful commercialization of their MEMS and sensor designs.”



300mm wafer

Rogue Valley Microdevices’ new 50,000-square-foot microfabrication facility is located at 2301 Commerce Park Drive in Palm Bay, Florida, and the company welcomes the high level of community support it has received from many partners including the State of Florida, city of Palm Bay, and the Economic Development Commission of Florida’s Space Coast. It is anticipated that the company’s second pure-play MEMS fab will create 75 new high-tech jobs in Florida and initial production of its first MEMS devices is slated for 2025.

About Rogue Valley Microdevices

Rogue Valley Microdevices is a full-service precision MEMS foundry that combines state-of-the-art process modules with the engineering expertise to go seamlessly from custom design to manufacturing. Specializing in MEMS and sensors manufacturing—including microfluidics and lab-on-chip platforms—Rogue Valley Microdevices offers a flexible equipment set and the ability for customers to start with smaller batch sizes, serving a key function in the commercial MEMS manufacturing ecosystem.

Rogue Valley Microdevices also maintains the broadest and most comprehensive set of wafer services commercially available—with over 50 unique dielectric and conductive thin films and all services performed in its own class 100 cleanroom. For more information, email: info@roguevalleymicro.com, visit: <https://roguevalleymicrodevices.com>, and follow us on LinkedIn.

Rogue Valley Microdevices and the Rogue Valley Microdevices logo are registered trademarks of Rogue Valley Microdevices, Inc. All other product and company names are trademarks or registered trademarks of their respective holders.

Maria Doyle
Doyle Strategic Communications
+1 781-964-3536

maria@doylestratcomm.com

Visit us on social media:

[LinkedIn](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/707774956>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.