



## Northrop Grumman Presents Cutting Edge Technology, New Products at International Microwave Symposium

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### Company will showcase manufacturing advances and new product offerings

REDONDO BEACH, Calif., May 19, 2016 (GLOBE NEWSWIRE) -- Northrop Grumman Corporation (NYSE:NOC) will highlight its expertise in microelectronics innovation and transitioning new technology to demanding, high performance communications applications at International Microwave Symposium 2016 (IMS) in San Francisco May 24-26, 2016, at booth 731.

"Advancements in compound semiconductor technology have a significant impact on global security and communications markets, affecting a broad range of products from radar systems to satellite systems to mobile devices," said Chris Brown, general manager, microelectronics products and services, Northrop Grumman Aerospace Systems. "Our talented scientists and engineers are working every day to improve the products we provide to our customers and to push the limits of our capabilities. Year over year, our presence at IMS demonstrates the importance Northrop Grumman places on this business."

Northrop Grumman engineers will present on high power and high efficiency chipsets for Ku-Band, Ka-Band, V-Band, Q-Band, E- and W-band communications, and on optimizing ground, airborne and space-based communication links using Northrop Grumman's advanced semiconductor products and technologies.

Continuing the company's reputation for transitioning leading edge communications products into everyday use, Northrop Grumman will present several new semiconductor products including high power amplifiers and enhanced gallium nitride manufacturing options.

More information on silicon based devices, including radiation hardened devices, and the gallium arsenide (GaAs), indium phosphide (InP) and gallium nitride (GaN) product lines are available online at [www.northropgrumman.com/IMS](http://www.northropgrumman.com/IMS). Limited engineering prototype samples are available from stock to qualified customers by contacting MPS at [as-mps.sales@ngc.com](mailto:as-mps.sales@ngc.com).

Northrop Grumman is a pioneer in the design and fabrication of high-speed components for established and emerging commercial markets, including cellular and broadband wireless systems as well as aerospace, defense and scientific applications. The company also offers foundry services that utilize advanced silicon, silicon-germanium, silicon-carbide, gallium nitride, and gallium arsenide and indium phosphide semiconductor manufacturing processes.

Northrop Grumman is a leading global security company providing innovative systems, products and solutions in autonomous systems, cyber, C4ISR, strike, and logistics and modernization to government and commercial customers worldwide. Please visit [www.northropgrumman.com](http://www.northropgrumman.com) for more information.

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