Press Release

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Rogers Corporation to Present & Exhibit at IMS in Denver Colorado

Chandler, Arizona, June 21st, 2022 – Rogers Corporation (NYSE:ROG) announced Technical Marketing Manager, John Coonrod, will give 3 presentations June 21st in the MicroApps Theater at the International Microwave Symposium (IMS) in Denver. Topics include "Radix 3D Printable Dielectrics & Lens Demonstrator" "An Overview of Copper Foil, How It's Made, Roughness Effects & RF/ HSD Influences" and "How to Get Consistent Millimeter-Wave Performance Using Grounded Coplanar Waveguide."

In addition, Rogers will be showcasing its most recently released products in Booth #2030 during IMS, the world's largest RF and Microwave show, which takes place from Tues., June 21st - Thurs., June 23rd. These products include Radix™ 3D Printable Dielectrics and RO4835IND™ LoPro® Laminates.

Radix™ 3D Printable Dielectric, is the first 3D material featuring a dielectric constant of 2.8 and low loss characteristics at microwave frequencies. These printable dielectric materials give radio frequency (RF) designers unprecedented design freedom in creating new components, eliminating the need to consider typical manufacturing design constraints.

Rogers Corporation's Radix 3D Printable Dielectric is a proprietary composite material designed for Digital Light Processing (DLP) 3D printing, enabling a scalable, high-resolution printing process for end-use RF dielectric component manufacturing. This printable dielectric material has a targeted dielectric constant of 2.8 and a dissipation factor of 0.0043 at 10 GHz when cured.

The new material is intended for use as RF material in applications where new geometric freedom can enhance the figure of merits of an RF system, such as gradient dielectric constant (GRIN) structures and other complex three-dimensional parts. The Radix 3D Printable Dielectric offers the industry a way to manufacture systems and components at scale that could not be made with traditional fabrication methods. Radix materials are available directly from Rogers Corporation and our 3D printing partners. Learn more about Radix 3D Printable Dielectrics*:* View Video

RO4835IND LoPro thermoset laminates are specially designed for 60-81 GHz short-range industrial radar applications, where excellent electrical performance and cost-efficiency are equally important. These laminates also provide environmental reliability and interconnection stability, which are critical criteria for PCB material selection.

With a low insertion loss of 2.13dB/inch at 60 GHz, these laminates meet customers' critical radar coverage requirements. The expanded weave fiber provides excellent Dk uniformity, and Rogers' tight quality control provides low Dk variation from lot to lot. RO4835IND LoPro laminates are compatible with standard epoxy/glass (FR-4) processes and have a higher fabrication yield rate compared to conventional PTFE-based laminates. Low material and fabrication costs make RO4835IND LoPro laminates a cost-effective solution for industrial radar.

About Rogers Corporation

Rogers Corporation (NYSE:ROG) is a global leader in engineered materials to power, protect and connect our world. Rogers delivers innovative solutions to help our customers solve their toughest material challenges. Rogers' advanced electronic and elastomeric materials are used in applications for EV/HEV, automotive safety and radar systems, mobile devices, renewable energy, wireless infrastructure, energy-efficient motor drives, industrial equipment and more. Headquartered in Chandler, Arizona, Rogers operates manufacturing facilities in the United States, Asia and Europe, with sales offices worldwide. For more information, visit www.rogerscorp.com.