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**XMA AWARDED FUNDING FROM THE QUANTUM ECONOMIC DEVELOPMENT CONSORTIUM
FOR WORK IN CRYOGENIC CONTROL & READOUT ELECTRONICS**

(Manchester, NH | March 27, 2024) – XMA Corporation is proud to announce their receipt of award funding from the Quantum Economic Development Consortium (QED-C) for their work in high-density integrated RF control and readout electronics for quantum applications. This project highlights many of the QED-C's goals and works towards improving thermal loading, reducing the physical footprint of cryogenic microwave signals, and seamlessly integrating RF components to reduce size and improve electrical performance. XMA will apply expertise in RF, thin film deposition, and cryogenics to develop the high-density system in three stages: High-Density Flex Cabling, High-Density Carriers, and High-Density Devices.

The QED-C sought proposals with the potential to revolutionize a variety of technologies for control and readout electronics to advance quantum information science and technology (QIST). The requested technologies cover everything from a reduction of heat load associated with microwave control cabling to enabling tighter integration of passive components, active components, and quantum devices, all in cryogenic environments. The QED-C's request for proposals is supported by funding and other supporting resources from the National Institute of Standards and Technology (NIST) and the Air Force Research Laboratory (AFRL). XMA's latest project in high density, flexible RF signaling and conditioning closely aligns with the heat load and tight integration themes, making them a top choice for the award.

This award comes as a result of the hard work of the XMA team understanding the time, expertise, and resources needed to successfully bring high-density integrated RF control and readout electronics to the QIST industry. The QED-C funding will go towards advancing their research, design, and manufacturing abilities to benefit the quantum and passive component industries.

"We deal in the telecommunications, aerospace, and cryogenics industries, where control and readout electronics all play a major role," said XMA General Manager, Marc Smith, when asked about the award. He continued, "XMA has been doing extensive work in control and readout electronics, so it is a great opportunity any time we are able to boost our funding and further our research."

About XMA Corporation

XMA Corporation, an Amphenol company, is a manufacturer of passive microwave components. With design and manufacturing in the United States, XMA supplies products of the highest quality and RF performance to the space, military, quantum, telecom, and test & measurement markets. For more information on XMA Corporation, visit <https://xmacorp.com/>.

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