



Midwest Microelectronics Consortium Awarded Microelectronics Commons Funding Through CHIPS and Science Act

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The Midwest Microelectronics Consortium (MMEC), a regional innovation hub, is pleased to announce an award for the base year of Microelectronics Commons (The Commons) funding, part of the CHIPS and Science Act. The CHIPS and Science Act invests \$280 billion to boost US competitiveness, innovation, and national security by bolstering US semiconductor capacity, advancing R&D efforts, the creation of regional tech hubs, and development of a bigger, more inclusive STEM workforce. The Commons will establish a national network of regional technology hubs that will focus on onshoring microelectronics hardware prototyping, lab-to-fab transition of semiconductor technologies, and semiconductor workforce training. Each regional hub will focus on one or more of the six tech areas: secure edge/internet of things computing; quantum technology; 5G/6G technology; electromagnetic warfare; artificial intelligence hardware; and commercial leap ahead technologies.

“We are very excited to join a national network of regional hubs designed to make a difference to the DoD warfighter. Being chosen advances the MMEC’s goals to grow the regions position as an international innovation and technology hub by advancing the capacity of the US microelectronics ecosystem serving both DoD and commercial markets,” stated Scott Sullivan, interim CEO of the MMEC. The MMEC is a collaborative, public-private ecosystem that will foster technology innovation that will rapidly move from the laboratory to fabrication. This “Lab-to-Fab” community of industry, government, and academia will empower our members to discover new technologies, share their capabilities, develop the next generation of workforce, and bring world class innovation into scalable transition opportunities and commercial production. Established as a non-profit public-private-partnership, the MMEC is enabled by a robust cross-sector portfolio of 80+ members including small to large businesses, a range of universities and community colleges, large Defense Industrial Base partners, regional governments, and economic development groups. “This award would not have been possible without the support from all of our members, their depth of knowledge, technological expertise, investment, and their drive to make the MMEC a world-leading center for the development of microelectronics innovation. We are very grateful for the incredible support Battelle provided to standup of this organization.” Sullivan said.

The MMEC will initially focus on three technology areas: commercial leap ahead (CLA), Quantum, and Electromagnetic Warfare (EW) systems addressing emerging platforms, directed energy applications, and advances in support electronics. Our role-based approach will map member expertise to enable Project Teams to deliver on microelectronic prototype projects solving the nation’s toughest ME challenges. For more information about the MMEC please visit our website at mmeconsortium.org

About the MMEC

The MMEC is a non-profit, member-lead consortium that engages broadly across industry, academia, and government stakeholders for the benefit of commercial and defense applications. Created to advance domestic microelectronic technology development to deliver solutions and strengthen the US-based supply chain, the MMEC is a collaborative, public-private ecosystem that will foster technology innovation that can rapidly move from the laboratory to fabrication to market adoption. Our member community of industry, government, and academia empowers members to discover new technologies, share capabilities, develop the next generation of workforce, and bring world class innovation into scalable commercial production.

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