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December 2025



Happy Holidays from CMC Microsystems!

2025 was a transformational year for Canada and CMC Microsystems. Together, we navigated global challenges—fractured supply chains, shifting markets and rapid technological change—and turned them into opportunities for innovation and growth.

From advancing Canada’s semiconductor ecosystem through FABrIC-supported events and funding challenges to accelerating quantum adoption and the launch of the country’s first Quantum Computing Sandbox, the year was filled with bold achievements. None of this would have been possible without the dedication of our team and the incredible support of our partners, especially Innovation, Science and Economic Development Canada (ISED). Semiconductors are critical infrastructure at the heart of industry. They are essential for a resilient, competitive and sovereign Canada.

As 2025 comes to a close, we celebrate the vitality of this industry, the progress that has been made, and are focused on accelerating its contributions to the Canadian economy in 2026. Thank you for being part of this journey and for your unwavering belief in what this industry can accomplish.

Wishing you a joyful holiday season and a new year filled with success, innovation and collaboration!

— **The CMC Microsystems Team**



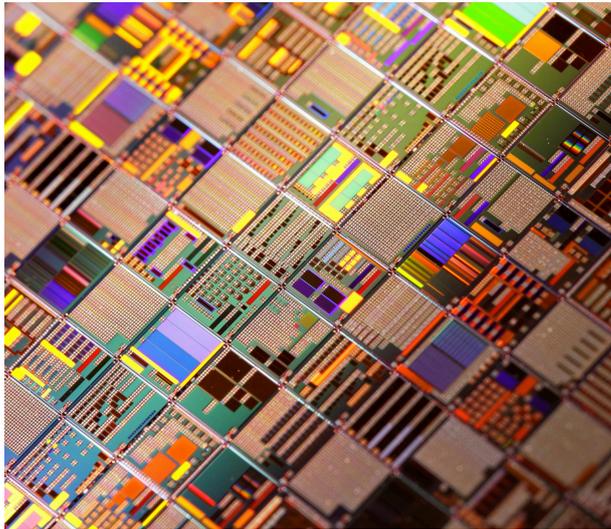
Prepared by a consortium of semiconductor and technology organizations, including Canada's Semiconductor Council (CSC), CMC Microsystems, ICTC, and ventureLAB, this policy brief calls on Canada to develop a National Semiconductor Strategy to protect domestic industries, strengthen competitiveness, create thousands of high-paying skilled jobs, and attract the investment needed to supercharge Canada's national economy. [More](#)



[FABrIC Launches the Quantum Computing Sandbox – a first in Canada](#)

This national program provides access to leading quantum computing cloud platforms, and specialized technical support for Canadian innovators.

Events



[Introduction to Flexcompute Tidy3D: A GPU-Native Multiphysics Software for Silicon Photonics](#)

| January 13

If you are designing, modeling, or researching silicon photonics, join this webinar to learn how you can advance your work with Flexcompute Tidy3D.



Join us on January 12 as we introduce **Canada's first Quantum Computing Sandbox (QCS)**. Financial support for direct access to quantum computing cloud services. [Register](#)

Training



[Build Your Company's AI Prototype in 8 Weeks](#)

Your competitors aren't stuck in "pilot purgatory" — they're in production. The **AI for Decision-Makers** program (Jan 12 – Mar 6, 2026) is an execution sprint for operations leaders.

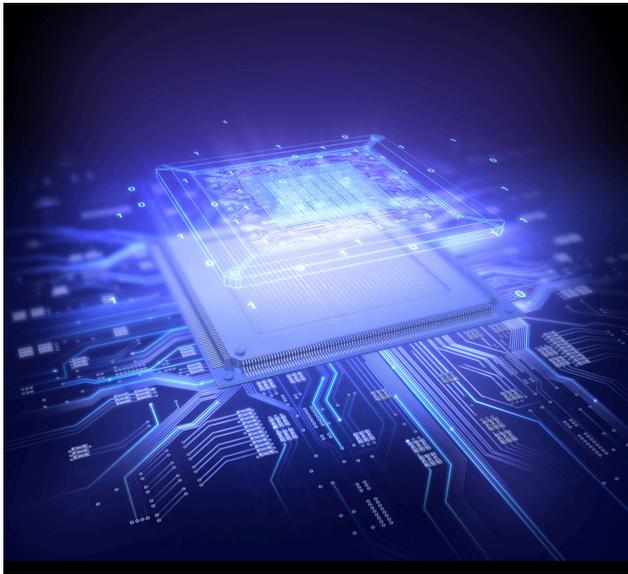
Deadline: Jan 8, 2026

A photograph of two workers wearing white hard hats and safety glasses, looking intently at a laptop screen. The background is slightly blurred, showing an industrial or construction setting.

BOLD NEW EDGE

FOR AI DECISION MAKERS

**TRANSFORM INTO AN
AI-READY ENTERPRISE
IN JUST 8 WEEKS!**



[Simplifying System on Chip Design and Manufacture.](#) | January 21, 2026

Join us for a joint CMC/SoC Labs technical workshop focused on the latest initiatives that simplify System-on-Chip (SoC) design and fabrication.



[Keysight's EDA curriculum](#), brings real-world design experience into the classroom. It combines industry-grade tools like PathWave ADS and RFPro with structured labs and advanced modules in RF, microwave, and emerging technologies. The program empowers students through hands-on design and simulation labs, ensuring they graduate with practical skills that meet industry demands.

Prototyping



Upcoming Fabrication Deadlines

Looking to prototype your chip or circuit design without breaking the bank?

Multi-Project Wafer (MPW) services offer a smart, cost-effective way to fabricate and test your design by sharing wafer space with other projects. You get access to advanced fabrication technologies, faster turnaround times, and reduced risk—perfect for startups, researchers, and innovators. MPW helps you validate your ideas before scaling to full production, all while benefiting from expert support and a collaborative ecosystem. It's innovation made accessible

[View our full technology selection online.](#)

GlobalFoundries

12LP FinFET, 22nm CMOS FDX, 28nm CMOS LP, 45SPCLO, 55nm CMOS

TSMC

65nm CMOS LP

Applied Nanotools

NanoSOI, SiN

Teledyne MEMS

MIDIS

FABrIC Member Zone



Unlock the full potential of Canada's semiconductor ecosystem by becoming a FABrIC Member—it's *free* and open to industry professionals, non-profits, government agencies, and researchers or students from Canadian post-secondary institutions. Members gain exclusive access to services like challenge calls, IP repositories, training discounts, and collaborative opportunities across quantum, microelectronics, and advanced manufacturing. Whether you're driving innovation or scaling your business, FABrIC membership connects you to the tools, talent, and insights needed to lead in critical technologies. [Join FABrIC](#)

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