

Annexe 1

Producteurs canadiens de semi-conducteurs à l'échelle industrielle

- **Teledyne DALSA** (*Bromont, Québec*) – Entreprise canadienne
- **Teledyne Micralyne** (*Edmonton, Alberta*) – Entreprise canadienne
- **ON Semiconductor** (*Burlington, Ontario*) – Entreprise américaine
- **Semtech Canada** (*Burlington, Ontario*) – Filiale canadienne d'une entreprise américaine
- **IBM** (*Markham, Ontario et Bromont, Québec*) – Entreprise américaine
- **Celestica** (*Newmarket, Ontario*) – Entreprise Canadienne
- **5N Plus** (*Montréal, Québec*) – Entreprise Canadienne

Annexe 2

Importations canadiennes de semi-conducteurs et autres composants électroniques, 2021

<i>Importations en milliers de CAD</i>	
<i>Chine</i>	1 040 787
<i>Etats-Unis</i>	856 545,7
<i>Taiwan</i>	697 349,7
<i>Malaisie</i>	553 974,5
<i>Japon</i>	403 193,1
<i>Vietnam</i>	309 308
<i>Corée du Sud</i>	306 028,4
<i>Thaïlande</i>	257 517,5
<i>Philippines</i>	204 873,5
<i>Mexique</i>	147 960,2
<i>Sous-total</i>	4 777 538
<i>Autres</i>	656 615,1
<i>Total</i>	5434153

Source : Trade Data Online

Annexe 3

Tableau des mesures proposées par le Conseil canadien des semi-conducteurs

	SHORT TERM (2021-25)	MEDIUM TERM (2021-35)	LONG TERM (2021-50)
STRENGTHEN AND DIVERSIFY THE SUPPLY CHAIN	1.1 Establish a Canadian consortium of cross-industry semiconductor buyer	1.2 Leverage semiconductor demand from key Canadian sectors to stimulate domestic chip production	
DEVELOP ONSHORE MANUFACTURING	2.1 Develop a sustainable business model for fabrication in Canada 2.2 Attract multinational semiconductor companies to Canada		2.3 Leverage Canada's talent in research and development to disrupt and innovate the current semiconductor fabrication process
ESTABLISH A UNIQUE SPECIALIZATION AND BRAND FOR CANADA	3.1 Increase incentives and support for Canadian semiconductor research and design 3.2 Invest in electric vehicle R&D and leverage Canada's strengths to develop a domestic supply chain 3.3 Invest in sensor R&D, design and manufacturing	3.4 Invest in higher education grants to empower our best and brightest to pursue R&D in essential chip technologies and to remain in Canada 3.5 Invest in increasing testing and manufacturing capacity for sensors at scale 3.6 Develop higher education programs for sensor design	3.7 Invest in building a global brand trumpeting Canada's specialization within the semiconductor space
FOSTER INNOVATION AND SUPPORT MARKET DEVELOPMENT	4.1 Increase investment in domestic companies that are designing and developing AI- and quantum-enabled chips 4.2 Protect domestic Intellectual Property, and support its growth and commercialization 4.3 Enhance investment opportunities to fill a major gap in access to patient capital 4.4 Launch targeted innovation programs around chip enabled technology within higher ed institutions 4.5 Incubate and support made-in-Canada entrepreneurial ventures in the semiconductor industry 4.6 Establish the federal government as a primary semiconductor customer for Canadian chip technology	4.7 Recruit high profile international experts to pursue research and development around next generation chips and flexible fabrication	4.8 Foster a diverse talent pipeline between higher education and the semiconductor industry