

## ANNEX A: LIST OF AI-ENABLING PRODUCTS AND ECONOMIC SECTORS

### Annex A.1: Non-exhaustive list of AI-enabling products

| Sl.No. | HS Code | HS Description                                                                                                    | Explanation                                                                                                                                                              | Type                |
|--------|---------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 1      | 280461  | Silicon; containing by weight not less than 99.99% of silicon                                                     | Key raw material for making insulating layers in transistors and integrated circuits.                                                                                    | Raw materials       |
| 2      | 280421  | Gases, rare; argon                                                                                                | Argon cleans metals, prevents oxidation, and enables non-reactive etching and deposition.                                                                                | Raw materials       |
| 3      | 280429  | Gases, rare; other than argon                                                                                     | Critical raw materials used in semiconductor manufacturing, often as a cleaning or reducing agent.                                                                       | Raw materials       |
| 4      | 280440  | Oxygen                                                                                                            | Ultra-high purity oxygen is a critical raw material acting as an oxidizing agent in processes such as silicon layer deposition, etching and reactive gas neutralization. | Raw materials       |
| 5      | 711021  | Metals; palladium, unwrought or in powder form                                                                    | Key raw material for catalysts and components in AI hardware manufacturing.                                                                                              | Raw materials       |
| 6      | 281111  | Hydrogen fluoride (hydrofluoric acid)                                                                             | Specialty chemical used for cleaning and etching silicon wafers, removing silicon dioxide and preparing surfaces for further processing.                                 | Processed chemicals |
| 7      | 290919  | Ethers; acyclic, and their halogenated, sulphonated, nitrated or nitrosated derivatives, other than diethyl ether | Solvents used in semiconductor manufacturing, including photoresist formulations and cleaning agents.                                                                    | Processed chemicals |
| 8      | 292990  | Nitrogen-function compounds; n.e.c. in chapter 29, excluding isocyanates                                          | A specialty chemical used in semiconductor manufacturing, often for deposition or etching processes.                                                                     | Processed chemicals |
| 9      | 280469  | Silicon; containing by weight less than 99.99% of silicon                                                         | Essential raw material in AI semiconductor manufacturing with slightly lower silicon purity.                                                                             | Processed chemicals |
| 10     | 281119  | Inorganic acids; other than hydrogen fluoride                                                                     | Specialty chemical used for etching polysilicon to create fine grooves and holes on silicon wafers for electronic circuits.                                              | Processed chemicals |
| 11     | 281122  | Silicon dioxide                                                                                                   | Essential for AI chip manufacturing as a key insulating and protective material in semiconductors.                                                                       | Processed chemicals |
| 12     | 281129  | Inorganic oxygen compounds; of non-metals, n.e.c. in item no. 2811.2                                              | A specialty chemical used in semiconductor manufacturing, often for deposition or etching processes.                                                                     | Processed chemicals |
| 13     | 282560  | Germanium oxides and zirconium dioxide                                                                            | Used in AI semiconductor manufacturing for enhancing optical and electronic properties of devices.                                                                       | Processed chemicals |

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| 14 | 284920 | Carbides; of silicon, whether or not chemically defined                                                                                                | Essential in AI semiconductor production for creating durable, high-performance components.                                                                                                 | Processed chemicals |
| 15 | 285000 | Hydrides, nitrides, azides, silicides and borides, whether or not chemically defined, other than compounds which are also carbides of heading no. 2849 | Key chemicals for AI semiconductor fabrication, enabling advanced material properties and device performance.                                                                               | Processed chemicals |
| 16 | 391000 | Silicones; in primary forms                                                                                                                            | Essential materials in AI chip manufacturing for insulation and protection.                                                                                                                 | Processed chemicals |
| 17 | 711029 | Metals; palladium, semi-manufactured                                                                                                                   | Essential intermediate for manufacturing AI hardware components and catalysts.                                                                                                              | Processed chemicals |
| 18 | 811292 | Gallium, germanium, indium, niobium (columbium) and vanadium; articles thereof, unwrought, including waste and scrap, powders                          | Critical intermediate metals and powders for AI semiconductor manufacturing.                                                                                                                | Processed chemicals |
| 19 | 811299 | Gallium, germanium, indium, niobium (columbium) and vanadium; articles thereof, other than unwrought including waste and scrap and powders             | Processed metals and articles essential for AI semiconductor device fabrication.                                                                                                            | Processed chemicals |
| 20 | 847330 | Machinery; parts and accessories (other than covers, carrying cases and the like) of the machines of heading no. 8471                                  | Computer components and testing equipment – such as evaluation kits, graphics cards, memory modules, and cooling systems – for building, optimizing and validating AI hardware performance. | Intermediate inputs |
| 21 | 852351 | Semiconductor media; solid-state non-volatile storage devices, whether or not recorded, excluding products of Chapter 37                               | Inputs for AI systems as they provide the data storage and retrieval capabilities needed for training, running and storing AI models and datasets.                                          | Intermediate inputs |
| 22 | 853630 | Electrical apparatus: for protecting electrical circuits, not elsewhere classified in heading no. 8536, for a voltage not exceeding 1000 volts         | Circuit protection devices ensuring the safe and stable operation of AI hardware systems such as servers and data centres.                                                                  | Intermediate inputs |
| 23 | 853650 | Electrical apparatus: switches not elsewhere classified in heading no. 8536, for a voltage not exceeding 1000 volts                                    | Switches used to control electrical signals essential components in AI hardware for managing data flow and system operations.                                                               | Intermediate inputs |
| 24 | 853669 | Electrical apparatus; plugs and sockets, for a voltage not exceeding 1000 volts                                                                        | Sockets for semiconductor load boards used for testing purposes.                                                                                                                            | Intermediate inputs |
| 25 | 854110 | Electrical apparatus; diodes, other than photosensitive or light-emitting diodes (LED)                                                                 | Used in printed circuit board assemblies.                                                                                                                                                   | Intermediate inputs |
| 26 | 854160 | Crystals; mounted piezo-electric                                                                                                                       | Mounted piezoelectric crystals used in AI hardware for sensing, signal processing and precision control functions.                                                                          | Intermediate inputs |
| 27 | 854190 | Electrical apparatus; parts for diodes, transistors and similar semiconductor devices and                                                              | Processed wafers serving as the foundation for                                                                                                                                              | Intermediate inputs |

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|    |        | photosensitive semiconductor devices                                                                                                                                                          | manufacturing integrated circuits and microchips.                                                                                              |                     |
| 28 | 854231 | Processors and controllers, whether or not combined with memories, converters, logic circuits, amplifiers, clock and timing circuits, or other circuits                                       | Essential components enabling data processing and computation in AI systems                                                                    | Intermediate inputs |
| 29 | 854239 | Electronic integrated circuits; n.e.c. in heading no. 8542                                                                                                                                    | Essential components in AI hardware for data storage, processing, and communication functions.                                                 | Intermediate inputs |
| 30 | 854442 | Insulated electric conductors; for a voltage not exceeding 1000 volts, fitted with connectors                                                                                                 | Critical inputs for semiconductor equipment maintenance.                                                                                       | Intermediate inputs |
| 31 | 854449 | Insulated electric conductors; for a voltage not exceeding 1000 volts, not fitted with connectors                                                                                             | Critical inputs for semiconductor equipment maintenance.                                                                                       | Intermediate inputs |
| 32 | 900110 | Optical fibres, optical fibre bundles and cables                                                                                                                                              | Inputs used for high-speed data transmission in AI data centres and communication infrastructure.                                              | Intermediate inputs |
| 33 | 903084 | Other, with a recording device                                                                                                                                                                | Various equipment or tools needed for measuring or checking semiconductor wafers or devices.                                                   | Intermediate inputs |
| 34 | 320820 | Paints and varnishes; based on acrylic or vinyl polymers, dispersed or dissolved in a non-aqueous medium                                                                                      | Specialty coatings for equipment used in wafer cleaning, etching and rinsing.                                                                  | Intermediate inputs |
| 35 | 320890 | Paints and varnishes; based on polymers n.e.c. in heading no. 3208, dispersed or dissolved in a non-aqueous medium                                                                            | Specialty coatings for equipment used in wafer cleaning, etching and rinsing.                                                                  | Intermediate inputs |
| 36 | 340590 | Polishes, creams and similar preparations; n.e.c. in heading no. 3405, excluding waxes of heading no. 3404                                                                                    | Specialty coatings for equipment used in wafer cleaning, etching and rinsing.                                                                  | Intermediate inputs |
| 37 | 370199 | Photographic plates and film; (for other than colour photography), in the flat, sensitised, unexposed, with no side exceeding 255mm, of any material other than paper, paperboard or textiles | Photomask blanks used to transfer circuit patterns onto silicon wafers.                                                                        | Intermediate inputs |
| 38 | 370790 | Photographic goods; chemical preparations other than sensitized emulsions, put up in measured portions or put up for retail sale in a form ready for use                                      | Photoresists and related materials used in photolithography to create patterned coatings for transferring circuit designs onto silicon wafers. | Intermediate inputs |
| 39 | 381800 | Chemical elements; doped for use in electronics, in the form of discs, wafers or similar forms; chemical compounds doped for use in electronics                                               | Silicon wafers.                                                                                                                                | Intermediate inputs |
| 40 | 392310 | Plastics; boxes, cases, crates and similar articles for the conveyance or packing of goods                                                                                                    | Plastic trays and containers used for handling and protecting semiconductor components during manufacturing and testing.                       | Intermediate inputs |
| 41 | 392390 | Plastics; articles for the conveyance or packing of goods n.e.c. in heading no. 3923                                                                                                          | Packaging supplies for semiconductors.                                                                                                         | Intermediate inputs |

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| 42 | 392690 | Plastics; other articles n.e.c. in chapter 39                                                                                                   | Packaging supplies for semiconductors.                                                                                                                                                | Intermediate inputs |
| 43 | 401693 | Rubber; vulcanised (other than hard rubber), gaskets, washers and other seals, of non-cellular rubber                                           | Packaging supplies for semiconductors.                                                                                                                                                | Intermediate inputs |
| 44 | 401699 | Rubber; vulcanised (other than hard rubber), articles n.e.c. in heading no. 4016, of non-cellular rubber                                        | Packaging supplies for semiconductors.                                                                                                                                                | Intermediate inputs |
| 45 | 621143 | Track suits and other garments n.e.c.; women's or girls', of man-made fibres (not knitted or crocheted)                                         | Cleanroom garments that prevent contamination and maintain a controlled environment to ensure high-quality semiconductor manufacturing.                                               | Intermediate inputs |
| 46 | 680421 | Millstones, grindstones, grinding wheels and the like; of agglomerated synthetic or natural diamond                                             | Diamond dresser discs used to condition and restore polishing pads and ensure uniform surface profiles.                                                                               | Intermediate inputs |
| 47 | 690912 | Ceramic wares; for laboratory, chemical or other technical uses, articles having a hardness equivalent to 9 or more on the Mohs scale           | Ceramic Semiconductor Production Components/Parts that have high strength, thermal, and electrical insulation and corrosion resistance.                                               | Intermediate inputs |
| 48 | 702000 | Glass; articles n.e.c. in chapter 70                                                                                                            | Quartz components such as reactor tubes and holders used in semiconductor manufacturing for thermal processing and maintaining clean environments.                                    | Intermediate inputs |
| 49 | 841350 | Pumps; reciprocating positive displacement pumps, n.e.c. in heading no. 8413, for liquids                                                       | Pumps essential for handling fluids like corrosive chemicals and ultra-pure water in semiconductor manufacturing.                                                                     | Intermediate inputs |
| 50 | 841410 | Pumps; vacuum                                                                                                                                   | Pumps crucial for vacuum creation and gas handling in deposition and etching processes.                                                                                               | Intermediate inputs |
| 51 | 841459 | Fans; n.e.c. in item no. 8414.51                                                                                                                | Fans and compressors essential for cooling, cleanroom control and maintaining semiconductor process purity.                                                                           | Intermediate inputs |
| 52 | 841480 | Pumps and compressors; for air, vacuum or gas, n.e.c. in heading no. 8414                                                                       | Compressors and vacuum pumps used in semiconductor manufacturing to maintain cleanroom conditions, control gases and support critical processes like etching and deposition.          | Intermediate inputs |
| 53 | 841490 | Pumps and compressors; parts, of air or vacuum pumps, air or other gas compressors and fans, ventilating or recycling hoods incorporating a fan | Parts of compressors and vacuum pumps used in semiconductor manufacturing to maintain cleanroom conditions, control gases and support critical processes like etching and deposition. | Intermediate inputs |
| 54 | 841950 | Heat exchange units; not used for domestic purposes                                                                                             | Heaters essential for controlled temperature processes in semiconductor manufacturing, such as                                                                                        | Intermediate inputs |

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|    |        |                                                                                                                                                                                                                                                           | wafer processing and thin-film deposition.                                                                                                  |                     |
| 55 | 841989 | Machinery, plant and laboratory equipment; for treating materials by change of temperature, other than for making hot drinks or cooking or heating food                                                                                                   | Specialized heating or cooling equipment used in semiconductor manufacturing processes requiring precise thermal control.                   | Intermediate inputs |
| 56 | 842121 | Machinery; for filtering or purifying water                                                                                                                                                                                                               | Water purification systems essential for maintaining ultra-clean environments in semiconductor manufacturing.                               | Intermediate inputs |
| 57 | 842129 | Machinery; for filtering or purifying liquids, n.e.c. in item no. 8421.2                                                                                                                                                                                  | Filtration systems used to purify specialty chemicals and process fluids critical for semiconductor fabrication.                            | Intermediate inputs |
| 58 | 842139 | Machinery; for filtering or purifying gases, other than intake air filters, catalytic converters or particulate filters for internal combustion engines                                                                                                   | Gas filtration systems essential for ensuring the purity of process gases in semiconductor manufacturing environments.                      | Intermediate inputs |
| 59 | 844391 | Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442; parts and accessories                                                                                                                   | Include heatsink – device attached to a heat-generating component to prevent overheating.                                                   | Intermediate inputs |
| 60 | 847160 | Units of automatic data processing machines; input or output units, whether or not containing storage units in the same housing                                                                                                                           | Input/output units critical for connecting and controlling AI and semiconductor devices during data processing and testing.                 | Intermediate inputs |
| 61 | 847180 | Units of automatic data processing machines; n.e.c. in item no. 8471.50, 8471.60 or 8471.70                                                                                                                                                               | Specialized data processing units essential for AI computation, control and processing tasks in semiconductor manufacturing and AI systems. | Intermediate inputs |
| 62 | 847950 | Machinery and mechanical appliances; industrial robots, n.e.c. or included                                                                                                                                                                                | Robots that automate certain tasks to increase efficiency in semiconductor manufacturing.                                                   | Intermediate inputs |
| 63 | 848180 | Taps, cocks, valves and similar appliances; for pipes, boiler shells, tanks, vats or the like, including thermostatically controlled valves                                                                                                               | Valves for controlling fluids in precise, corrosive, or semiconductor manufacturing processes.                                              | Intermediate inputs |
| 64 | 848190 | Taps, cocks, valves and similar appliances; parts thereof                                                                                                                                                                                                 | Parts of valves used to control the flow of liquids and gases in various semiconductor manufacturing processes.                             | Intermediate inputs |
| 65 | 848640 | Machines and apparatus of a kind used solely or principally for the manufacture or repair of masks and reticles, assembling semiconductor devices or electronic integrated circuits, or for lifting, handling, loading or unloading items of heading 8486 | Equipment for processing semiconductor wafers, such as photolithography tools and wafer cleaning systems.                                   | Intermediate inputs |
| 66 | 848690 | Machines and apparatus of heading 8486; parts and accessories                                                                                                                                                                                             | Parts and accessories for semiconductor manufacturing tools,                                                                                | Intermediate inputs |

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|    |        |                                                                                                                                                                                                        | including pellicles that protect photomasks during lithography.                                                                                          |                     |
| 67 | 850132 | Electric motors and generators; DC, of an output exceeding 750W but not exceeding 75kW                                                                                                                 | Motors used in the automation of semiconductor manufacturing processes such as wafer handling and positioning.                                           | Intermediate inputs |
| 68 | 850432 | Transformers; n.e.c. in item no. 8504.2, having a power handling capacity exceeding 1kVA but not exceeding 16kVA                                                                                       | Power supplies used to power various semiconductor manufacturing equipment.                                                                              | Intermediate inputs |
| 69 | 850440 | Electrical static converters                                                                                                                                                                           | Power supplies used to power various semiconductor manufacturing equipment.                                                                              | Intermediate inputs |
| 70 | 853400 | Circuits; printed                                                                                                                                                                                      | Used in printed circuit board assemblies.                                                                                                                | Intermediate inputs |
| 71 | 853690 | Electrical apparatus: not elsewhere classified in heading no. 8536, for switching or protecting electrical circuits, for a voltage not exceeding 1000 volts                                            | Electrical apparatus for switching or protecting electrical circuits, essential for controlling semiconductor equipment and ensuring operational safety. | Intermediate inputs |
| 72 | 853710 | Boards, panels, consoles, desks and other bases; for electric control or the distribution of electricity, (other than switching apparatus of heading no. 8517), for a voltage not exceeding 1000 volts | PCB assemblies serve as the foundation for mounting and connecting various semiconductor components.                                                     | Intermediate inputs |
| 73 | 853810 | Electrical apparatus: parts (e.g. boards, panels, consoles, desks, cabinets, other bases), for goods of heading no. 8537, not equipped with their apparatus                                            | Lighting and signalling devices essential for AI hardware systems.                                                                                       | Intermediate inputs |
| 74 | 854121 | Electrical apparatus; transistors, (other than photosensitive), with a dissipation rate of less than 1W                                                                                                | Transistors that enable AI chip processing and computations.                                                                                             | Intermediate inputs |
| 75 | 854129 | Electrical apparatus; transistors, (other than photosensitive), with a dissipation rate of 1W or more                                                                                                  | Semiconductor switches used in AI circuits for signal control.                                                                                           | Intermediate inputs |
| 76 | 854130 | Electrical apparatus; thyristors, diacs and triacs, other than photosensitive devices                                                                                                                  | LEDs used in AI device displays and indicators.                                                                                                          | Intermediate inputs |
| 77 | 854151 | Electrical apparatus; photosensitive semiconductor devices, semiconductor-based transducers                                                                                                            | Photovoltaic cells supporting energy needs in AI sensors.                                                                                                | Intermediate inputs |
| 78 | 854159 | Electrical apparatus; photosensitive semiconductor devices n.e.c. in heading no. 8541                                                                                                                  | Photosensitive semiconductors for AI vision and sensing.                                                                                                 | Intermediate inputs |
| 79 | 854232 | Electronic integrated circuits; memories                                                                                                                                                               | Integrated circuits powering AI processors and memory.                                                                                                   | Intermediate inputs |
| 80 | 854233 | Electronic integrated circuits; amplifiers                                                                                                                                                             | Specialized integrated circuits for AI applications.                                                                                                     | Intermediate inputs |
| 81 | 854290 | Parts of electronic integrated circuits                                                                                                                                                                | Miscellaneous semiconductor components used in AI hardware.                                                                                              | Intermediate inputs |
| 82 | 854390 | Electrical machines and apparatus; parts of the electrical goods of heading no. 8543                                                                                                                   | Critical inputs for semiconductor equipment maintenance.                                                                                                 | Intermediate inputs |

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| 83 | 854420 | Insulated electric conductors; co-axial cable and other co-axial electric conductors                                                                                                                                                               | Critical inputs for semiconductor equipment maintenance.                                                                                 | Intermediate inputs |
| 84 | 854470 | Insulated electric conductors: optical fibre cables                                                                                                                                                                                                | Electronic capacitors critical for AI circuit performance and stability.                                                                 | Intermediate inputs |
| 85 | 854710 | Insulating fittings; of ceramics, for electrical machines, of insulating material only (except minor assembly parts), excluding those of heading no. 8546                                                                                          | Insulating fitting for semiconductor production equipment/tool.                                                                          | Intermediate inputs |
| 86 | 854790 | Insulating fittings; (other than of ceramics or plastics), for electrical machines, appliances and equipment, excluding insulators of heading no. 8546                                                                                             | Insulating fitting for semiconductor production equipment/tool.                                                                          | Intermediate inputs |
| 87 | 902519 | Thermometers and pyrometers; (other than liquid filled, for direct reading), not combined with other instruments                                                                                                                                   | Crucial for monitoring and controlling semiconductor manufacturing processes such as thin film deposition, annealing and lithography.    | Intermediate inputs |
| 88 | 902620 | Instruments and apparatus; for measuring or checking pressure                                                                                                                                                                                      | Instruments that control the flow and distribution of ultra-high purity gases and liquids used for semiconductor manufacturing.          | Intermediate inputs |
| 89 | 902730 | Spectrometers, spectrophotometers and spectrographs; using optical radiations (UV, visible, IR)                                                                                                                                                    | Used for process monitoring and material analysis in semiconductor manufacturing.                                                        | Intermediate inputs |
| 90 | 903090 | Instruments, apparatus for measuring, checking electrical quantities, not meters of heading no. 9028; parts and accessories, for measuring or detecting alpha, beta, gamma, x-ray, cosmic and other radiations                                     | Evaluation kits/boards used for testing performance and functionality.                                                                   | Intermediate inputs |
| 91 | 960350 | Brushes; constituting parts of machines, appliances or vehicles                                                                                                                                                                                    | Chemical mechanical polishing brushes for cleaning and slurry distribution.                                                              | Intermediate inputs |
| 92 | 847149 | Automatic data processing machines; presented in the form of systems, n.e.c. in item no. 8471.30 or 8471.41                                                                                                                                        | Tools and equipment used for the design, verification, optimization, debugging and testing of semiconductors.                            | Equipment           |
| 93 | 847150 | Units of automatic data processing machines; processing units other than those of item no. 8471.41 or 8471.49, whether or not containing in the same housing one or two of the following types of unit: storage units, input units or output units | Tools and equipment used for the design, verification, optimization, debugging and testing of semiconductors.                            | Equipment           |
| 94 | 847170 | Units of automatic data processing machines; storage units                                                                                                                                                                                         | Data storage units required to handle the massive datasets and model outputs used in AI training and inference processes                 | Equipment           |
| 95 | 847989 | Machines and mechanical appliances; having individual functions, n.e.c. or included in this chapter                                                                                                                                                | Machines often used in AI hardware manufacturing and integration to support the assembly, testing or deployment of AI-enabled equipment. | Equipment           |

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| 96  | 848620 | Machines and apparatus of a kind used solely or principally for the manufacture of semiconductor devices or of electronic integrated circuits                                                                          | Highly specialized equipment for producing the semiconductor chips that power AI hardware.                                                         | Equipment |
| 97  | 903040 | Instruments and apparatus; specially designed for telecommunications (e.g. cross-talk meters, gain measuring instruments, distortion factor meters, psophometers)                                                      | Tools and equipment used for the design, verification, optimization, debugging and testing of semiconductors.                                      | Equipment |
| 98  | 903082 | Instruments and apparatus; for measuring or checking semiconductor wafers or devices (including integrated circuits)                                                                                                   | Various equipment or tools needed for measuring or checking semiconductor wafers or devices.                                                       | Equipment |
| 99  | 903141 | Optical instruments and appliances; for inspecting semiconductor wafers or devices or for inspecting photomasks or reticles used in manufacturing semiconductor devices, n.e.c. in chapter 90                          | System level test equipment to test the operation of semiconductors in final user environments.                                                    | Equipment |
| 100 | 847130 | Automatic data processing machines; portable, weighing not more than 10kg, consisting of at least a central processing unit, a keyboard and a display                                                                  | Devices serving as platforms for developing, testing or running lightweight AI models locally, and accessing AI tools and performing computations. | Equipment |
| 101 | 847141 | Automatic data processing machines; comprising in the same housing at least a central processing unit and an input and output unit, whether or not combined, n.e.c. in item no. 8471.30                                | Systems used for training, developing or deploying AI applications.                                                                                | Equipment |
| 102 | 848610 | Machines and apparatus of a kind used solely or principally for the manufacture of semiconductor boules or wafers                                                                                                      | Machines for making semiconductor wafers, essential for producing AI chips like GPUs and accelerators.                                             | Equipment |
| 103 | 851762 | Communication apparatus (excluding telephone sets or base stations); machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus | Essential machines for AI systems that rely on high-speed data exchange, cloud computing and connected devices.                                    | Equipment |
| 104 | 851769 | Communication apparatus (excluding telephone sets or base stations); machines for the transmission or reception of voice, images or other data (including wired/wireless networks), n.e.c. in item no. 8517.6          | Other communication devices supporting AI applications.                                                                                            | Equipment |

Source: WTO Secretariat compilation. The list of AI-enabling raw materials and chemical elements is based on Baskaran and Schwartz (2024). The list of AI-enabling semiconductors and intermediate inputs is based on comments submitted by the Semiconductor Industry Association (SIA) as part of the Section 232 investigation on semiconductors (SIA, 2025). More detailed HS codes have been aggregated to the sub-heading six-digit level.

Note: n.e.c. stands for “not elsewhere classified”.

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