CHAPTER 85

ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES

Notes

1. This chapter does not cover:

   (a) Electrically warmed blankets, bed pads, foot-muffs or the like; electrically warmed clothing, footwear or ear pads or other electrically warmed articles worn on or about the person;

   (b) Articles of glass of heading 7011;

   (c) Machines and apparatus of heading 8486;

   (d) Vacuum apparatus of a kind used in medical, surgical, dental or veterinary sciences (heading 9018); or

   (e) Electrically heated furniture of chapter 94.

2. Headings 8501 to 8504 do not apply to goods described in heading 8511, 8512, 8540, 8541 or 8542.

   However, metal tank mercury arc rectifiers remain classified in heading 8504.

3. For the purposes of heading 8507, the expression "electric accumulators" includes those presented with ancillary components which contribute to the accumulator's function of storing and supplying energy or protect it from damage, such as electrical connectors, temperature control devices (for example, thermistors) and circuit protection devices. They may also include a portion of the protective housing of the goods in which they are to be used.

4. Heading 8509 covers only the following electromechanical machines of the kind commonly used for domestic purposes:

   (a) Floor polishers, food grinders and mixers, and fruit or vegetable juice extractors, of any weight;

   (b) Other machines provided the weight of such machines does not exceed 20 kg, exclusive of extra interchangeable parts or detachable auxiliary devices.

   The heading does not, however, apply to fans or ventilating or recycling hoods incorporating a fan, whether or not fitted with filters (heading 8414), centrifugal clothes dryers (heading 8421), dishwashing machines (heading 8422), household washing machines (heading 8450), roller or other ironing machines (heading 8420 or 8451), sewing machines (heading 8452), electric scissors (heading 8467) or to electrothermic appliances (heading 8516).

5. For the purposes of heading 8523 :

   (a) "Solid-state non-volatile storage devices "(for example,"flash memory cards" or "flash electronic storage cards") are storage devices with a connecting socket, comprising in the same housing one or more flash memories (for example, "FLASH E^2PROM") in the form of integrated circuits mounted on a printed circuit board. They may include a controller in the form of an integrated circuit and discrete passive components, such as capacitors and resistors;

   (b) The term "smart cards" means cards which have embedded in them one or more electronic integrated circuits (a microprocessor, random access memory (RAM) or read-only memory (ROM)) in the form of chips. These cards may contain contacts, a magnetic stripe or an embedded antenna but do not contain any other active or passive circuit elements.

6. For the purposes of heading 8534 "printed circuits" are circuits obtained by forming on an insulating base, by any printing process (for example, embossing, plating-up, etching) or by the "film circuit" technique, conductor elements, contacts or other printed components (for example, inductances, resistors, capacitors) alone or interconnected according to a pre-established pattern, other than elements which can produce, rectify, modulate or amplify an electrical signal (for example, semiconductor elements).

   The term "printed circuits" does not cover circuits combined with elements other than those obtained during the printing process, nor does it cover individual, discrete resistors, capacitors or inductances. Printed circuits may, however, be fitted with non-printed connecting elements.

   Thin- or thick-film circuits comprising passive and active elements obtained during the same technological process are to be classified in heading 8542.

Notes (con.)

7. For the purpose of heading 8536, "connectors for optical fibres, optical fibre bundles or cables" means connectors that simply mechanically align optical fibres end to end in a digital line system. They perform no other function, such as the amplification, regeneration or modification of a signal.

8. Heading 8537 does not include cordless infrared devices for the remote control of television receivers or other electrical equipment (heading 8543).

9. For the purposes of headings 8541 and 8542:

(a) "Diodes, transistors and similar semiconductor devices" are semiconductor devices the operation of which depends on variations in resistivity on the application of an electric field;

(b) "Electronic integrated circuits" are:

(i) Monolithic integrated circuits in which the circuit elements (diodes, transistors, resistors, capacitors, inductances, etc.) are created in the mass (essentially) and on the surface of a semiconductor or compound semiconductor material (for example, doped silicon, gallium arsenide, silicon germanium, iridium phosphide) and are inseparably associated;

(ii) Hybrid integrated circuits in which passive elements (resistors, capacitors, inductances, etc.), obtained by thin- or thick-film technology, and active elements (diodes, transistors, monolithic integrated circuits, etc.), obtained by semiconductor technology, are combined to all intents and purposes indivisibly, by interconnections or interconnecting cables, on a single insulating substrate (glass, ceramic, etc.). These circuits may also include discrete components;

(iii) Multichip integrated circuits consisting of two or more interconnected monolithic integrated circuits combined to all intents and purposes indivisibly, whether or not on one or more insulating substrates, with or without leadframes, but with no other active or passive circuit elements.

(iv) Multi-component integrated circuits (MCOs): a combination of one or more monolithic, hybrid, or multi-chip integrated circuits with at least one of the following components: silicon-based sensors, actuators, oscillators, resonators or combinations thereof, or components performing the functions of articles classifiable under heading 8532, 8533, 8541, or inductors classifiable under heading 8504, formed to all intents and purposes indivisibly into a single body like an integrated circuit, as a component of a kind used for assembly onto a printed circuit board (PCB) or other carrier, through the connecting of pins, leads, balls, lands, bumps, or pads.

For the purpose of this definition:

1. “Components” may be discrete, manufactured independently then assembled onto the rest of the MCO, or integrated into other components.

2. “Silicon-based” means built on a silicon substrate, or made of silicon materials, or manufactured onto integrated circuit die.

3. (a) “Silicon-based sensors” consist of microelectronic or mechanical structures that are created in the mass or on the surface of a semiconductor and that have the function of detecting physical or chemical quantities and transducing these into electric signals, caused by resulting variations in electric properties or displacement of a mechanical structure. “Physical or chemical quantities” relates to real world phenomena, such as pressure, acoustic waves, acceleration, vibration, movement, orientation, strain, magnetic field strength, electric field strength, light, radioactivity, humidity, flow, chemicals concentration, etc.

(b) “Silicon-based actuators” consist of microelectronic and mechanical structures that are created in the mass or on the surface of a semiconductor and that have the function of converting electrical signals into physical movement.

(c) “Silicon-based resonators” are components that consist of microelectronic or mechanical structures that are created in the mass or on the surface of a semiconductor and have the function of generating a mechanical or electrical oscillation of a predefined frequency that depends on the physical geometry of these structures in response to an external input.

(d) “Silicon-based oscillators” are active components that consist of microelectronic or mechanical structures that are created in the mass or on the surface of a semiconductor and that have the function of generating a mechanical or electrical oscillation of a predefined frequency that depends on the physical geometry of these structures.

For the classification of the articles defined in this note, headings 8541 and 8542 shall take precedence over any other heading in the Nomenclature, except in the case of heading 8523, which might cover them by reference to, in particular, their function.

Notes (con.)

10. For the purposes of heading 8548, "spent primary cells, spent primary batteries and spent electric storage batteries" are those which are neither usable as such because of breakage, cutting up, wear or other reasons, nor capable of being recharged.

Subheading Note

1. Subheading 8527.12 covers only cassette players with built-in amplifier, without built-in loudspeaker, capable of operating without an external source of electric power and the dimensions of which do not exceed 170 mm x 100 mm x 45 mm.

Additional U.S. Notes

1. For the purposes of headings 8501 and 8503, 746 watts (W) is taken to be equivalent to 1 horsepower (hp).

2. For the purposes of subheading 8516.72, the term "toasters" includes toaster-ovens which are designed essentially for toasting bread but can also bake small items, such as potatoes.

3. For the purposes of headings 8517 and 8525 the term "transceivers" refers to combinations of radio transmitting and receiving equipment in a common housing, employing common circuit components for both transmitting and receiving, and which are not capable of simultaneously receiving and transmitting.

4. For the purposes of 8529.90.05, 8529.90.06, 8529.90.33, 8529.90.36, 8529.90.43, 8529.90.46, 8529.90.88 and 8529.90.89:

   (a) Each subassembly that contains as a component, or is covered in the same entry with, one or more of the following television components, viz.,

   tuner, channel selector assembly, antenna, deflection yoke, degaussing coil, picture tube mounting bracket, grounding assembly, parts necessary for fixing the picture tube or tuner in place, consumer-operated controls or speaker,

   shall be classified in subheading 8529.90.05, 8529.90.33, 8529.90.43 or 8529.90.88, as appropriate; and

   (b) Each subassembly shall be counted as a single unit, except that two or more different printed circuit boards or ceramic substrates covered by the same entry and designed for assembly into the same television models shall be counted as one unit.

5. Picture tubes imported in combination with, or incorporated into, other articles are to be classified in subheadings 8540.11 through 8540.12, inclusive, unless they are--

   (a) incorporated into complete television receivers, as defined in additional U.S. note 6 below;

   (b) incorporated into fully assembled units such as word processors, ADP terminals, or similar articles;

   (c) put up in kits containing all the parts necessary for assembly into complete television receivers, as defined in additional U.S. note 6 below; or

   (d) put up in kits containing all the parts necessary for assembly into fully assembled units such as word processors, ADP terminals, or similar articles.

6. For the purposes of additional U.S. note 5 above the term "complete television receivers" means television receivers, fully assembled in their cabinets, whether or not packaged or tested for distribution to the ultimate purchaser(s).

7. For the purposes of this chapter, references to "high definition" as it applies to television receivers and cathode-ray tubes refer to articles having:

   (a) a screen aspect ratio equal to or greater than 16:9; and

   (b) a viewing screen capable of displaying more than 700 scanning lines.

8. For the purposes of this chapter, the video display diagonal is determined by measuring the maximum straight line dimension across the visible portion of the faceplate used for displaying video.

9. Subheadings 8529.90.29, 8529.90.33, 8529.90.36 and 8529.90.39 cover the following parts of television receivers (including video monitors and video projectors):

   (a) Video intermediate (IF) amplifying and detecting systems;

   (b) Video processing and amplification systems;

Additional U.S. Notes (con.)

(c) Synchronizing and deflection circuitry;

(d) Tuners and tuner control systems; and

(e) Audio detection and amplification systems.

10. For the purposes of subheading 8540.91.15, the term "front panel assembly" refers to:

(a) with respect to a color cathode-ray television picture tube, an assembly which consists of a glass panel and a shadow mask or aperture grille, attached for ultimate use, which is suitable for incorporation into a color cathode-ray television picture tube (including video monitor cathode-ray tube), and which has undergone the necessary chemical and physical processes for imprinting phosphors on the glass panel with sufficient precision to render a video image when excited by a stream of electrons; or

(b) with respect to a monochrome cathode-ray picture tube, an assembly which consists of either a glass panel or a glass envelope, which is suitable for incorporation into a monochrome cathode-ray television picture tube (including video monitor or video projector cathode-rate tube), and which has undergone the necessary chemical and physical processes for imprinting phosphors on the glass panel or glass envelope with sufficient precision to render a video image when excited by a stream of electrons.

11. For the purposes of subheading 8538.90.10, the expression "articles described in additional U.S. note 11 to chapter 85" means any of the following goods: photocopying apparatus of subheading 8443.32.30, 8443.32.50, 8443.39.20 or 8443.39.40; word processing machines of heading 8469; articles of heading 8470 or heading 8471; automatic teller machines of subheading 8472.90.10; articles of subheadings 8486.10 through 8486.40; articles of heading 8517; articles of subheading 8519.50; transmission apparatus of subheading 8525.50.10; articles of subheading 8525.60; digital still image cameras of subheading 8525.80.40; articles of subheading 8543.70.93; plotters of subheading 9017.10.40 or 9017.20.70; instruments and apparatus of heading 9026; instruments and apparatus of heading 9027 except of subheading 9027.10 or 9027.90.20; instruments and apparatus of subheading 9030.40; instruments and apparatus of subheading 9030.82; optical instruments and appliances of subheading 9031.41; optical instruments and appliances of subheading 9031.49.70; articles of subheading 9031.80.40.

12. For the purposes of subheading 8517.69.00, the term "paging receivers" includes paging alert devices designed merely to emit a sound or visual signal (e.g., flashing light) upon the reception of a pre-set radio signal.

Statistical Notes

1. For the purposes of this chapter the terms "AM" and "FM" refer to the entertainment broadcast bands of 550-1650 kHz and 88-108MHz, respectively.

2. For statistical reporting purposes under subheading 8539.10, the size of a sealed beam lamp unit is determined by measuring the largest diagonal dimension across the faceplate.

3. For statistical reporting purposes under subheading 8544.70, the unit of quantity "fiber m", as it pertains to optical fiber cables, is determined by multiplying the number of individual fibers contained therein by the length in meters.

4. For statistical reporting purposes in heading 8542 the following definitions will apply:

(a) The term "static read-write random access (SRAM)" refers to integrated circuit memory devices in which the memory cells may be addressed in any sequence, randomly, for the storage or retrieval of data and in which in which the stored information is retained without further intervention as long as electric power is supplied to the device.

(b) The term "volatile memory" refers to integrated circuit memory devices which lose all stored information in the absence of electric power.

(c) The term "dynamic read-write random access (DRAM)" refers to integrated circuit memory devices in which the memory cells may be addressed in any sequence, randomly, for the storage or retrieval of data and in which the stored information must continually be refreshed in order to hold the information in memory.

(d) The term "electrically erasable programmable read-only memory (EEPROM)" refers to user programmable integrated circuit memory devices which retain the stored information in the absence of electric power and in which the stored information may be altered electrically.

(e) The term "erasable (except electrically) programmable read-only memory (EPROM)" refers to user programmable integrated circuit memory devices which retain the stored information in the absence of electric power and from which the stored information may be removed (except electrically). Such devices are usually erased by exposure to ultraviolet light after which they may be rewritten with new information.

Statistical Notes (con.)

(f) The term "microprocessor" refers to a central processing unit (CPU) fabricated as a monolithic integrated circuit.

(g) The term "kilobit" refers to 1,024 bits of data storage capacity, the term "megabit" refers to 1,024 kilobits of data storage capacity, and the term "gigabit" refers to 1,024 megabits of data storage capacity.

5. For statistical reporting purposes under subheading 8532.22, the diameter of aluminum electrolytic capacitors not having a circular cross-section shall be the maximum dimension measured through the center.

6. For the purposes of statistical reporting number 8544.42.9010, "Extension cords" is defined as a flexible cord assembly incorporating an electrical plug conforming to types 1-15P, 5-15P or 5-20P of the National Electrical Manufacturers Association (NEMA) and one or more receptacles conforming to NEMA type 1-15R, 5-15R or 56-20R.

7. For the purposes of statistical reporting numbers 8543.70.9930, 8543.70.9940, 8543.90.8850, and 8543.90.8860, the term "personal electric or electronic vaporizing devices" are devices that electrically heat or atomize liquids or other substances, whether or not containing nicotine, producing a vapor to be inhaled through the mouthpiece. These devices are commonly known as electronic cigarettes, "e-cigarettes", "e-hookahs", "e-pipes", vaporizers or "vaping" systems." A unit consists of all the parts necessary to vaporize, either assembled or in a kit or set, including battery, tank, and atomizer.

8. For statistical reporting purposes under subheading 8539.50.00, the types of light-emitting (LED) lamps are defined by American National Standards Institute for Electric Lamps as follows:

(a) ANSI shapes A, BT, P, PS or T described under 8539.50.0010;

(b) ANSI shapes B, BA, C, CA, DC, F, G or ST described under 8539.50.0020;

(c) ANSI shapes R, BR or PAR described under 8539.50.0030; or

(d) ANSI shapes MR11, MR16 or MRX16 described under 8539.50.0040.

9. For the purposes of heading 8501, photovoltaic generators consist of panels of photocells combined with other apparatus, e.g., storage batteries and electronic controls (voltage regulator, inverter, etc.) and panels or modules equipped with elements, however simple (for example, diodes to control the direction of the current), which supply the power directly to, for example, a motor, an electrolyser. In these devices, electricity is produced by means of solar cells which convert solar energy directly into electricity (photovoltaic conversion).

10. For the purposes of statistical reporting numbers 8501.31.8010, 8501.32.6010, 8501.61.0010, 8507.20.8010, 8541.40.6020 and 8541.40.6030, importers should report the total watts at maximum power based on standard test conditions according to the latest revision of International Electrotechnical Commission (IEC) 60904, "Photovoltaic Devices."

[**Compiler's note:** All provisions of subchapter II of chapter 99 have expired; footnote references are shown for reference only.]

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8501		Electric motors and generators (excluding generating sets):				
8501.10		Motors of an output not exceeding 37.5 W:				
		Of under 18.65 W:				
8501.10.20	00	Synchronous, valued not over $4 each	No	6.7%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	90%
8501.10.40		Other		4.4%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	AC	No.			
		DC:				
	40	Brushless	No.			
	60	Other	No.			
	80	Other	No.			
8501.10.60		Of 18.65 W or more but not exceeding 37.5 W		2.8%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	AC	No.			
		DC:				
	40	Brushless	No.			
	60	Other	No.			
	80	Other	No.			
8501.20		Universal AC/DC motors of an output exceeding 37.5 W:				
8501.20.20	00	Exceeding 37.5 W but not exceeding 74.6 W	No	3.3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.20.40	00	Exceeding 74.6 W but not exceeding 735 W	No	4%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.20.50	00	Exceeding 735 W but under 746 W	No	3.3%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.20.60	00	Other	No	2.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8501 (con.)		Electric motors and generators (excluding generating sets): (con.)				
		Other DC motors; DC generators:				
8501.31		Of an output not exceeding 750 W:				
		Motors:				
8501.31.20	00	Exceeding 37.5 W but not exceeding 74.6 W	No	2.8%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.31.40	00	Exceeding 74.6 W but not exceeding 735 W	No	4%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.31.50	00	Exceeding 735 W but under 746 W	No	3.3%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.31.60	00	Other	No	2.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.31.80		Generators		2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	Photovoltaic generators of a kind described in statistical note 9 to this chapter	No. W			
	90	Other	No.			
8501.32		Of an output exceeding 750 W but not exceeding 75 kW:				
		Motors:				
8501.32.20	00	Exceeding 750 W but not exceeding 14.92 kW	No	2.9%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other:				
8501.32.45	00	Electric motors of a kind used as the primary source of mechanical power for electrically powered vehicles of subheadings 8703.40, 8703.50, 8703.60, 8703.70 or 8703.80	No	Free		35%
8501.32.55		Other		Free		35%
	20	For use in civil aircraft 1/	No.			
	40	Other	No.			
8501.32.60		Generators		2%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

1/ See General Note 6.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8501 (con.)		Electric motors and generators (excluding generating sets): (con.)				
		Other DC motors; DC generators: (con.)				
8501.32 (con.)		Of an output exceeding 750 W but not exceeding 75 kW: (con.)				
8501.32.60 (con.)		Generators (con.)				
	10	Photovoltaic generators of a kind described in statistical note 9 to this chapter.....	No. W			
	90	Other.....	No.			

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8501 (con.)		Electric motors and generators (excluding generating sets): (con.)				
		Other DC motors; DC generators: (con.)				
8501.33		Of an output exceeding 75 kW but not exceeding 375 kW:				
		Motors:				
8501.33.20		Exceeding 75 kW but under 149.2 kW		Free		35%
	40	For use in civil aircraft 1/	No.			
	80	Other	No.			
8501.33.30	00	149.2 kW or more but not exceeding 150 kW	No	2.8%	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.33.40		Other		2.8%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	40	Not exceeding 373 kW	No.			
	60	Other	No.			
8501.33.60	00	Generators	No	2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.34		Of an output exceeding 375 kW:				
8501.34.30	00	Motors	No	2.8%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.34.60	00	Generators	No	2%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

1/ See General Note 6.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8501 (con.)		Electric motors and generators (excluding generating sets): (con.)				
8501.40		Other AC motors, single-phase:				
8501.40.20		Of an output exceeding 37.5 W but not exceeding 74.6 W		3.3% 1/	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Gear motors	No.			
	40	Other	No.			
8501.40.40		Of an output exceeding 74.6 W but not exceeding 735 W		4% 2/	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Gear motors	No.			
	40	Other	No.			
8501.40.50		Of an output exceeding 735 W but under 746 W		3.3%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Gear motors	No.			
	40	Other	No.			
8501.40.60		Other		3.7%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Gear motors	No.			
	40	Other	No.			

1/ See subheading 9902.85.09.
2/ See subheadings 9902.85.10, 9902.85.07, and 9902.85.08.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8501 (con.)		Electric motors and generators (excluding generating sets): (con.)				
		Other AC motors, multi-phase:				
8501.51		Of an output not exceeding 750 W:				
8501.51.20		Exceeding 37.5 W but not exceeding 74.6 W	.....	2.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Gear motors	No.			
	40	Other	No.			
8501.51.40		Exceeding 74.6 W but not exceeding 735 W	.....	2.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Gear motors	No.			
	40	Other	No.			
8501.51.50		Exceeding 735 W but under 746 W	.....	3.3%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Gear motors	No.			
	40	Other	No.			
8501.51.60		Other	.....	2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Gear motors	No.			
	40	Other	No.			
8501.52		Of an output exceeding 750 W but not exceeding 75 kW:				
8501.52.40	00	Exceeding 750 W but not exceeding 14.92 kW	No	3.7%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.52.80		Other	.....	Free		35%
	20	For use in civil aircraft 1/	No.			
	40	Other	No.			
8501.53		Of an output exceeding 75 kW:				
8501.53.40		Exceeding 75 kW but under 149.2 kW	.....	Free		35%
	40	For use in civil aircraft 1/	No.			
	80	Other	No.			
8501.53.60	00	149.2 kW or more but not exceeding 150 kW	No	4.2%	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.53.80		Other	.....	2.8%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	40	Not exceeding 373 kW	No.			
	60	Other	No.			

1/ See General Note 6.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8501 (con.)		Electric motors and generators (excluding generating sets): (con.)				
		AC generators (alternators):				
8501.61.00		Of an output not exceeding 75 kVA	.....	2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	Photovoltaic generators of a kind described in statistical note 9 to this chapter	No. W			
	90	Other	No.			
8501.62.00	00	Of an output exceeding 75 kVA but not exceeding 375 kVA	No.	2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.63.00	00	Of an output exceeding 375 kVA but not exceeding 750 kVA	No.	2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8501.64.00		Of an output exceeding 750 kVA	.....	2.4%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Exceeding 750 kVA but not exceeding 10,000 kVA:				
	21	For wind-powered generating sets classified within 8502.31.00	No.			
	25	Other	No.			
	30	Exceeding 10,000 kVA but not exceeding 40,000 kVA	No.			
	50	Other	No.			

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8502		Electric generating sets and rotary converters:				
		Generating sets with compression-ignition internal combustion piston engines (diesel or semi-diesel engines):				
8502.11.00	00	Of an output not exceeding 75 kVA	No	2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8502.12.00	00	Of an output exceeding 75 kVA but not exceeding 375 kVA	No	2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8502.13.00		Of an output exceeding 375 kVA		2%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Exceeding 375 kVA but not exceeding 1,000 kVA	No.			
	40	Exceeding 1,000 kVA	No.			
8502.20.00		Generating sets with spark-ignition internal combustion piston engines		2%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	30	Of an output not exceeding 1.875 kVA	No.			
	60	Of an output exceeding 1.875 kVA but not exceeding 6.25 kVA	No.			
	70	Of an output exceeding 6.25 kVA but not exceeding 75 kVA	No.			
	85	Of an output exceeding 75 kVA	No.			
		Other generating sets:				
8502.31.00	00	Wind-powered	No	2.5%	Free (A*, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8502.39.00		Other		2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	40	Powered by steam turbine	No.			
	80	Other	No.			
8502.40.00	00	Electric rotary converters	No	3%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8503.00		Parts suitable for use solely or principally with the machines of heading 8501 or 8502:				
8503.00.20	00	Commutators	No	2.4%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Stators and rotors for the goods of heading 8501:				
8503.00.35	00	For motors of under 18.65 W	X	6.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	90%
8503.00.45	00	For generators suitable for use on aircraft	X	Free		35%
8503.00.65	00	Other	X	3%	Free (A*, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other:				
8503.00.75	00	For motors of under 18.65 W	X	6.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	90%
8503.00.90	00	For generators suitable for use on aircraft	X	Free		35%
8503.00.95		Other		3%	Free (A*, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Parts of motors	X			
		Parts of generators:				
	46	For AC generators (alternators) classified within subheading 8501.64.0021	X			
	50	Other	X			
	60	Other	X			

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8504		Electrical transformers, static converters (for example, rectifiers) and inductors; parts thereof:				
8504.10.00	00	Ballasts for discharge lamps or tubes	No	3%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Liquid dielectric transformers:				
8504.21.00		Having a power handling capacity not exceeding 650 kVA		Free		35%
	20	Having a power handling capacity not exceeding 50 kVA	No.			
	40	Having a power handling capacity exceeding 50 kVA but not exceeding 100 kVA	No.			
	60	Having a power handling capacity exceeding 100 kVA but not exceeding 500 kVA	No.			
	80	Having a power handling capacity exceeding 500 kVA but not exceeding 650 kVA	No.			
8504.22.00		Having a power handling capacity exceeding 650 kVA but not exceeding 10,000 kVA		Free		35%
	40	Having a power handling capacity exceeding 650 kVA but not exceeding 2,500 kVA	No.			
	80	Having a power handling capacity exceeding 2,500 kVA but not exceeding 10,000 kVA	No.			
8504.23.00		Having a power handling capacity exceeding 10,000 kVA		1.6%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	41	Having a power handling capacity exceeding 10,000 kVA but not exceeding 59,999 kVA	No.			
	45	Having a power handling capacity exceeding 59,999 kVA but not exceeding 100,000 kVA	No.			
	80	Having a power handling capacity exceeding 100,000 kVA	No.			

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8504 (con.)		Electrical transformers, static converters (for example, rectifiers) and inductors; parts thereof: (con.)				
		Other transformers:				
8504.31		Having a power handling capacity not exceeding 1 kVA:				
8504.31.20	00	Unrated	No	Free		35%
		Other:				
8504.31.40		Having a power handling capacity less than 1 kVA		6.6% 1/	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	35	Having a power handling capacity less than 40 VA	No.			
	65	Having a power handling capacity 40 VA or greater	No.			
8504.31.60	00	Having a power handling capacity of 1 kVA	No	1.6%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8504.32.00	00	Having a power handling capacity exceeding 1 kVA but not exceeding 16 kVA	No	2.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8504.33.00		Having a power handling capacity exceeding 16 kVA but not exceeding 500 kVA		1.6%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Having a power handling capacity exceeding 16 kVA but not exceeding 50 kVA	No.			
	40	Having a power handling capacity exceeding 50 kVA but not exceeding 500 kVA	No.			
8504.34.00	00	Having a power handling capacity exceeding 500 kVA	No	1.6%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

1/ See subheadings 9902.85.04, 9902.85.05, and 9902.85.06.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8504 (con.)		Electrical transformers, static converters (for example, rectifiers) and inductors; parts thereof: (con.)				
8504.40		Static converters:				
8504.40.40	00	Speed drive controllers for electric motors	No	0.7%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Power supplies for automatic data processing machines or units thereof of heading 8471; power supplies for goods of subheading 8443.31 or 8443.32; power supplies for monitors of subheading 8528.42 or 8528.52 or projectors of subheading 8528.62:				
8504.40.60		Suitable for physical incorporation into automatic data processing machines or units thereof of heading 8471		Free		35%
	01	With a power output not exceeding 50 W	No.			
	07	With a power output exceeding 50 W but not exceeding 150 W	No.			
	12	With a power output exceeding 150 W but not exceeding 500 W	No.			
	18	Other	No.			
8504.40.70		Other		Free		35%
	01	With a power output not exceeding 50 W	No.			
	07	With a power output exceeding 50 W but not exceeding 150 W	No.			
	12	With a power output exceeding 150 W but not exceeding 500 W	No.			
	18	Other	No.			
8504.40.85	00	For telecommunication apparatus	No	Free		35%
8504.40.95		Other		0.7% 1/	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Rectifiers and rectifying apparatus:				
		Power supplies:				
	10	With a power output not exceeding 50 W	No.			
	20	With a power output exceeding 50 W but not exceeding 150 W	No.			
	30	With a power output exceeding 150 W but not exceeding 500 W	No.			
	40	Other	No.			
	50	Other	X			
	70	Inverters	No.			
	80	Other	X			

1/ See subheading 9902.10.94.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8504 (con.)		Electrical transformers, static converters (for example, rectifiers) and inductors; parts thereof: (con.)				
8504.50		Other inductors:				
8504.50.40	00	For power supplies for automatic data processing machines or units thereof of heading 8471; power supplies for goods of subheading 8443.31 or 8443.32; power supplies for monitors of subheading 8528.42 or 8528.52 or projectors of subheading 8528.62; for telecommunication apparatus	No	Free		35%
8504.50.80	00	Other	No	1.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8504.90		Parts:				
		Of power supplies for automatic data processing machines or units thereof of heading 8471; of power supplies for goods of subheading 8443.31 or 8443.32; of power supplies for monitors of subheading 8528.42 or 8528.52 or projectors of subheading 8528.62:				
8504.90.20	00	Printed circuit assemblies	No	Free		35%
8504.90.41	00	Other	X	Free		35%
		Other:				
		Printed circuit assemblies:				
8504.90.65	00	Of the goods of subheading 8504.40 or 8504.50 for telecommunication apparatus	No	Free		35%
8504.90.75	00	Other	No	1.2%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8504.90.96		Other:		1.2%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Ferrites:				
	10	For transformers	No.			
	30	Other	No.			
		Other parts:				
		Of transformers:				
	34	Laminations for incorporation into stacked cores	No.			
	38	Stacked cores for incorporation into transformers	No.			
	42	Wound cores for incorporation into transformers	No.			
	46	Other	No.			
	50	Of static converters	X			
	90	Other	X			

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8505		Electromagnets; permanent magnets and articles intended to become permanent magnets after magnetization; electromagnetic or permanent magnet chucks, clamps and similar holding devices; electromagnetic couplings, clutches and brakes; electromagnetic lifting heads; parts thereof:				
		Permanent magnets and articles intended to become permanent magnets after magnetization:				
8505.11.00		Of metal	.....	2.1%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
	10	Alnico	No.			
	30	Ceramic	No.			
	50	Sintered samarium-cobalt	No.			
	70	Sintered neodymium-iron-boron	No.			
	90	Other	No.			
8505.19		Other:				
8505.19.10	00	Flexible magnets	No	4.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
8505.19.20	00	Composite good containing flexible magnets	No	4.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
8505.19.30	00	Other	No	4.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
8505.20.00	00	Electromagnetic couplings, clutches and brakes	X	3.1%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8505.90		Other, including parts:				
8505.90.30	00	Electromagnetic lifting heads	X	Free		35%
8505.90.40	00	Work holders and parts thereof	X	Free		30%
8505.90.70	00	Electromagnets of a kind used solely or principally for magnetic resonance imaging apparatus, other than apparatus of heading 9018	X	Free		35%
8505.90.75	01	Other	X	1.3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8506		Primary cells and primary batteries; parts thereof:				
8506.10.00	00	Manganese dioxide	No	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8506.30		Mercuric oxide:				
8506.30.10	00	Having an external volume not exceeding 300 cm^3	No	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8506.30.50	00	Other	No	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8506.40		Silver oxide:				
8506.40.10	00	Having an external volume not exceeding 300 cm^3	No	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8506.40.50	00	Other	No	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8506.50.00	00	Lithium	No	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8506.60.00	00	Air-zinc	No	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8506.80.00	00	Other primary cells and primary batteries	No	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8506.90.00	00	Parts	X	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8507		Electric storage batteries, including separators therefor, whether or not rectangular (including square); parts thereof:				
8507.10.00		Lead-acid storage batteries, of a kind used for starting piston engines		3.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
		12 V batteries:				
	30	Not exceeding 6 kg in weight	No. kg			
	60	Exceeding 6 kg in weight	No. kg			
	90	Other	No. kg			
8507.20		Other lead-acid storage batteries:				
8507.20.40	00	Of a kind used as the primary source of electrical power for electrically powered vehicles of subheadings 8703.40, 8703.50, 8703.60, 8703.70 or 8703.80	No. kg	3.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8507.20.80		Other		3.5% 1/	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
	10	Of a kind described in subheading 9903.45.25	No. W			
		Other:				
	31	6 V batteries	No. kg			
	41	12 V batteries	No. kg			
	61	36 V batteries	No. kg			
	91	Other	No. kg			
8507.30		Nickel-cadmium storage batteries:				
8507.30.40	00	Of a kind used as the primary source of electrical power for electrically powered vehicles of subheadings 8703.40, 8703.50, 8703.60, 8703.70 or 8703.80	No.	2.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8507.30.80		Other		2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
	10	Sealed	No.			
	90	Other	No.			

1/ See subheadings 9902.03.87 and 9902.23.56.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8507 (con.)		Electric storage batteries, including separators therefor, whether or not rectangular (including square); parts thereof: (con.)				
8507.40		Nickel-iron storage batteries:				
8507.40.40	00	Of a kind used as the primary source of electrical power for electrically powered vehicles of subheadings 8703.40, 8703.50, 8703.60, 8703.70 or 8703.80	No	3.4%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8507.40.80	00	Other	No	3.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8507.50.00	00	Nickel-metal hydride batteries	No kg	3.4% 1/	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8507.60.00		Lithium-ion batteries:		3.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
	10	Of a kind used as the primary source of electrical power for electrically powered vehicles of subheadings 8703.40, 8703.50, 8703.60, 8703.70 or 8703.80	No. kg			
	20	Other	No. kg			
8507.80		Other storage batteries:				
8507.80.40	00	Of a kind used as the primary source of electrical power for electrically powered vehicles of subheadings 8703.40, 8703.50, 8703.60, 8703.70 or 8703.80	No	3.4%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8507.80.81	00	Other:	No kg	3.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8507.90		Parts:				
8507.90.40	00	Of lead-acid storage batteries	X	3.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8507.90.80	00	Other	X	3.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%

1/ See subheading 9902.10.96.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8508		Vacuum cleaners; parts thereof:				
		With self-contained electric motor:				
8508.11.00	00	Of a power not exceeding 1,500 W and having a dust bag or other receptacle capacity not exceeding 20 l....	No.....	Free		35%
8508.19.00	00	Other.....	No.....	Free		35%
8508.60.00	00	Other vacuum cleaners.....	No.....	Free		35%
8508.70.00	00	Parts.....	X.....	Free		35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8509		Electromechanical domestic appliances, with self-contained electric motor, other than vacuum cleaners of heading 8508; parts thereof:				
8509.40.00		Food grinders, processors and mixers; fruit or vegetable juice extractors		4.2% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 1.2% (KR)	40%
	15	Blenders	No.			
	25	Other food mixers	No.			
	30	Juice extractors	No.			
	40	Food grinders and processors	No.			
8509.80		Other appliances:				
8509.80.10	00	Floor polishers	No	Free		35%
8509.80.20	00	Kitchen waste disposers (disposals)	No	Free		40%
8509.80.50		Other:		4.2% 2/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
	40	Can openers (including combination units)	No.			
	45	Electric toothbrushes	No.			
		Humidifiers:				
	50	Evaporative	No.			
		Other:				
	70	Ultrasonic	No.			
	80	Other	No.			
	95	Other	No.			
8509.90		Parts:				
		Parts of floor polishers:				
8509.90.25	00	Housings	X	3.4%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8509.90.35	00	Other	X	3.4%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other:				
8509.90.45	00	Housings	X	4.2%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8509.90.55	00	Other	X	4.2%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%

1/ See subheadings 9902.23.41, 9902.23.43, and 9902.23.44.
2/ See subheadings 9902.23.38, 9902.23.39, 9902.23.48, and 9902.98.08.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8510		Shavers, hair clippers and hair-removing appliances, with self-contained electric motor; parts thereof:				
8510.10.00	00	Shavers	No	Free		35%
8510.20		Hair clippers:				
8510.20.10	00	Hair clippers to be used for agricultural or horticultural purposes	No	4%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
8510.20.90	00	Other	No	4%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
8510.30.00	00	Hair-removing appliances	No	4.2%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8510.90		Parts:				
		Parts of shavers:				
8510.90.10	00	Blades and cutting heads	X	Free		27.5%
8510.90.20	00	Other parts of shavers	X	Free		35%
		Parts of hair clippers:				
8510.90.30	01	Parts of hair clippers to be used for agricultural or horticultural purposes	X	4%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
8510.90.40	00	Other parts of hair clippers	X	4%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
8510.90.55	00	Other	X	4.2%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8511		Electrical ignition or starting equipment of a kind used for spark-ignition or compression-ignition internal combustion engines (for example, ignition magnetos, magneto-dynamos, ignition coils, spark plugs and glow plugs, starter motors); generators (for example, dynamos, alternators) and cut-outs of a kind used in conjunction with such engines; parts thereof:				
8511.10.00	00	Spark plugs	Hundreds	2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8511.20.00	00	Ignition magnetos; magneto-dynamos; magnetic flywheels	X	2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8511.30.00		Distributors; ignition coils		2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	40	Distributors	No.			
	80	Ignition coils	No.			
8511.40.00	00	Starter motors and dual purpose starter-generators	No	2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8511.50.00	00	Other generators	No	2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8511.80		Other equipment:				
		Voltage and voltage-current regulators with cut-out relays:				
8511.80.20	00	Designed for use on 6, 12 or 24 V systems	No	2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
8511.80.40	00	Other	No	Free		35%
8511.80.60	00	Other	X	2.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8511.90		Parts:				
		Of voltage and voltage-current regulators with cut-out relays:				
8511.90.20	00	Designed for use on 6, 12 or 24 V systems	X	3.1%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
8511.90.40	00	Other	X	Free		35%
8511.90.60		Other parts		2.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8511 (con.)		Electrical ignition or starting equipment of a kind used for spark-ignition or compression-ignition internal combustion engines (for example, ignition magnetos, magneto-dynamos, ignition coils, spark plugs and glow plugs, starter motors); generators (for example, dynamos, alternators) and cut-outs of a kind used in conjunction with such engines; parts thereof: (con.)				
8511.90 (con.)		Parts: (con.)				
8511.90.60 (con.)		Other parts (con.)				
	20	Distributor contact (breaker point) sets.....	No.			
	40	Other.....	X			

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8512		Electrical lighting or signaling equipment (excluding articles of heading 8539), windshield wipers, defrosters and demisters, of a kind used for cycles or motor vehicles; parts thereof:				
8512.10		Lighting or visual signaling equipment of a kind used on bicycles:				
8512.10.20	00	Lighting equipment	X	Free		45%
8512.10.40	00	Visual signaling equipment	X	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8512.20		Other lighting or visual signaling equipment:				
8512.20.20		Lighting equipment		Free		25%
	40	For the vehicles of subheading 8701.20 or heading 8702, 8703, 8704, 8705 or 8711	X			
	80	Other	X			
8512.20.40		Visual signaling equipment		2.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	40	For the vehicles of subheading 8701.20 or heading 8702, 8703, 8704, 8705 or 8711	X			
	80	Other	X			
8512.30.00		Sound signaling equipment		2.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Horns	X			
	30	Radar detectors of a kind used in motor vehicles	No.			
	40	Other	X			
8512.40		Windshield wipers, defrosters and demisters:				
8512.40.20	00	Defrosters and demisters	X	2.5%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8512.40.40	00	Windshield wipers	X	2.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
8512.90		Parts:				
8512.90.20	00	Of signaling equipment	X	2.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Of lighting equipment:				
8512.90.40	00	Of a kind used on bicycles	X	Free		45%
8512.90.60	00	Other	X	Free		25%
8512.90.70	00	Of defrosters and demisters	X	2.5%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8512 (con.)		Electrical lighting or signaling equipment (excluding articles of heading 8539), windshield wipers, defrosters and demisters, of a kind used for cycles or motor vehicles; parts thereof: (con.)				
8512.90 (con.)		Parts: (con.)				
8512.90.90	00	Other	X	2.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8513		Portable electric lamps designed to function by their own source of energy (for example, dry batteries, storage batteries, magnetos), other than lighting equipment of heading 8512; parts thereof:				
8513.10		Lamps:				
8513.10.20	00	Flashlights	No	12.5%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 3.7% (KR)	35%
8513.10.40	00	Other	No	3.5%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8513.90		Parts:				
8513.90.20	00	Of flashlights	X	12.5%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8513.90.40	00	Other	X	3.5%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8514		Industrial or laboratory electric furnaces and ovens (including those functioning by induction or dielectric loss); other industrial or laboratory equipment for the heat treatment of materials by induction or dielectric loss; parts thereof:				
8514.10.00	00	Resistance heated furnaces and ovens	No	Free		35%
8514.20		Furnaces and ovens functioning by induction or dielectric loss:				
		Microwave ovens:				
8514.20.40	00	For making hot drinks, or for cooking or heating food	No	4%	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8514.20.60	00	Other	No	4.2%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8514.20.80	00	Other	No	Free		35%
8514.30		Other furnaces and ovens:				
8514.30.10	00	Of a kind used solely or principally for the manufacture of printed circuits or printed circuit assemblies	No	Free		35%
8514.30.90	00	Other	No	1.3%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8514.40.00	00	Other equipment for the heat treatment of materials by induction or dielectric loss	X	Free		35%
8514.90		Parts:				
8514.90.40	00	Of microwave ovens	X	4%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8514.90.80	00	Other	X	Free		35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8515		Electric (including electrically heated gas), laser or other light or photon beam, ultrasonic, electron beam, magnetic pulse or plasma arc soldering, brazing or welding machines and apparatus, whether or not capable of cutting; electric machines and apparatus for hot spraying of metals or cermets; parts thereof:				
		Brazing or soldering machines and apparatus:				
8515.11.00	00	Soldering irons and guns	No	2.5%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8515.19.00	00	Other	No	Free		35%
		Machines and apparatus for resistance welding of metal:				
8515.21.00	00	Fully or partly automatic	No	Free		35%
8515.29.00	00	Other	No	Free		35%
		Machines and apparatus for arc (including plasma arc) welding of metals:				
8515.31.00	00	Fully or partly automatic	No	1.6%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8515.39.00		Other		1.6%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Non-rotating type:				
	20	AC transformer type	No.			
	40	Other	No.			
	60	Rotating type	No.			
8515.80.00		Other machines and apparatus		Free		35%
	40	Ultrasonic welding machines	No.			
	80	Other	No.			
8515.90		Parts:				
8515.90.20	00	Of welding machines and apparatus	X	1.6%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8515.90.40	00	Other parts	X	Free		35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8516		Electric instantaneous or storage water heaters and immersion heaters; electric space heating apparatus and soil heating apparatus; electrothermic hairdressing apparatus (for example, hair dryers, hair curlers, curling tong heaters) and hand dryers; electric flatirons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545; parts thereof:				
8516.10.00		Electric instantaneous or storage water heaters and immersion heaters	.....	Free		35%
	40	Storage water heaters	No.			
	80	Other water heaters and immersion heaters	No.			
		Electric space heating apparatus and electric soil heating apparatus:				
8516.21.00	00	Storage heating radiators	No.	Free		35%
8516.29.00		Other	.....	3.7%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Portable space heaters:				
	30	Fan-forced	No.			
	60	Other	No.			
	90	Other	X			
		Electrothermic hairdressing or hand-drying apparatus:				
8516.31.00	00	Hair dryers	No.	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8516.32.00		Other hairdressing apparatus	.....	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Curlers	No.			
	40	Other	X			
8516.33.00	00	Hand-drying apparatus	No.	Free		35%
8516.40		Electric flatirons:				
8516.40.20	00	Travel type	No.	Free		35%
8516.40.40	00	Other	No.	2.8%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8516.50.00		Microwave ovens	.....	2% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, MA, MX, OM, P, PA, PE, SG) 0.6% (KR)	35%
	30	Having a capacity not exceeding 22.5 liters	No.			
	60	Having a capacity exceeding 22.5 liters but not exceeding 31.0 liters	No.			
	90	Having a capacity exceeding 31.0 liters	No.			

1/ See subheading 9902.40.74.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8516 (con.)		Electric instantaneous or storage water heaters and immersion heaters; electric space heating apparatus and soil heating apparatus; electrothermic hairdressing apparatus (for example, hair dryers, hair curlers, curling tong heaters) and hand dryers; electric flatirons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545; parts thereof: (con.)				
8516.60		Other ovens; cooking stoves, ranges, cooking plates, boiling rings, grillers and roasters:				
8516.60.40		Cooking stoves, ranges and ovens		Free		35%
	60	Microwave oven combinations	No.			
		Other:				
	70	Portable	No.			
		Other:				
	74	Of a maximum width not exceeding 70 centimeters	No.			
		Of a maximum width exceeding 70 centimeters:				
	78	Containing a gas fueled cooktop	No.			
	82	Containing a radiant heated cooktop	No.			
	86	Other	No.			
8516.60.60	00	Other	No	2.7% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
		Other electrothermic appliances:				
8516.71.00		Coffee or tea makers		3.7% 2/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
		Coffee makers:				
	20	Automatic drip and pump type	No.			
	40	Percolator	No.			
	60	Other	No.			
	80	Other	No.			
8516.72.00	00	Toasters	No	5.3% 3/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8516.79.00	00	Other	No	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8516.80		Electric heating resistors:				
8516.80.40	00	Assembled only with simple insulated former and electrical connections, used for anti-icing or deicing	X	Free		35%
8516.80.80	00	Other	X	Free		35%

1/ See subheadings 9902.23.42 and 9902.23.45.
2/ See subheadings 9902.23.46 and 9902.23.47.
3/ See subheading 9902.23.40.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8516 (con.)		Electric instantaneous or storage water heaters and immersion heaters; electric space heating apparatus and soil heating apparatus; electrothermic hairdressing apparatus (for example, hair dryers, hair curlers, curling tong heaters) and hand dryers; electric flatirons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545; parts thereof: (con.)				
8516.90		Parts:				
8516.90.05	00	Of heaters or heating apparatus of subheading 8516.10, 8516.21 or 8516.29	X	3.7%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8516.90.15	00	Housings for the hand-drying apparatus of subheading 8516.33	X	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8516.90.25	00	Housings and steel bases for the electric flatirons of subheading 8516.40	X	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Parts for the microwave ovens of subheading 8516.50:				
8516.90.35	00	Assemblies, incorporating more than one of the following: cooking chamber; structural supporting chassis; door; outer case	X	Free		35%
8516.90.45	00	Printed circuit assemblies	X	Free		35%
8516.90.50	00	Other	X	Free		35%
		Parts for the cooking stoves, ranges and ovens of subheading 8516.60.40:				
8516.90.55	00	Cooking chambers, whether or not assembled	X	Free		35%
8516.90.65	00	Top surface panels with or without heating elements or controls	X	Free		35%
8516.90.75	00	Door assemblies, incorporating more than one of the following: inner panel; outer panel; window; insulation	X	Free		35%
8516.90.80		Other:		Free		35%
	10	Shelving and racks for cooking stoves and ranges	X			
	50	Other	X			
8516.90.85	00	Housings for toasters	X	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8516.90.90	00	Other	X	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8517		Telephone sets, including telephones for cellular networks or for other wireless networks; other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network), other than transmission or reception apparatus of heading 8443, 8525, 8527 or 8528; parts thereof:				
		Telephone sets, including telephones for cellular networks or for other wireless networks :				
8517.11.00	00	Line telephone sets with cordless handsets	No.	Free		35%
8517.12.00		Telephones for cellular networks or for other wireless networks:		Free		35%
	20	Radio telephones designed for installation in motor vehicles for the Public Cellular Radiotelecommunication Service	No.			
	50	Other radio telephones designed for the Public Cellular Radiotelecommunication Service	No.			
	80	Other	No.			
8517.18.00		Other:		Free		35%
	10	Videophones	No.			
	20	Multiline telephones (including key, call director and consoles)	No.			
	50	Other	No.			
		Other apparatus for transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network):				
8517.61.00	00	Base stations	No.	Free		35%
8517.62.00		Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus:		Free		35%
	10	Modems, of a kind used with data processing machines of heading 8471	No.			
	50	Other	X			
8517.69.00	00	Other	X	Free		35%
8517.70.00	00	Parts	X	Free		35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8518		Microphones and stands therefor; loudspeakers, whether or not mounted in their enclosures; headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers; audio-frequency electric amplifiers; electric sound amplifier sets; parts thereof:				
8518.10		Microphones and stands therefor:				
8518.10.40	00	Microphones having a frequency range of 300 Hz to 3.4 kHz with a diameter of not exceeding 10 mm and a height not exceeding 3 mm, for telecommunication use	No	Free		35%
8518.10.80		Other		2.4% 1/	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	30	Microphones	No.			
	40	Other	X			
		Loudspeakers, whether or not mounted in their enclosures:				
8518.21.00	00	Single loudspeakers, mounted in their enclosures	No	2.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8518.22.00	00	Multiple loudspeakers, mounted in the same enclosure	No	2.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8518.29		Other:				
8518.29.40	00	Without housing, having a frequency range of 300 Hz to 3.4 kHz with a diameter of not exceeding 50 mm, for telecommunication use	No	Free		35%
8518.29.80	00	Other	No	2.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8518.30		Headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers:				
8518.30.10	00	Line telephone handsets	No	Free		35%
8518.30.20	00	Other	No	2.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8518.40		Audio-frequency electric amplifiers:				
8518.40.10	00	For use as repeaters in line telephony	No	Free		35%
8518.40.20	00	Other	No	2.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8518.50.00	00	Electric sound amplifier sets	No	2.4%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

1/ See subheading 9902.10.17.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8518 (con.)		Microphones and stands therefor; loudspeakers, whether or not mounted in their enclosures; headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers; audio-frequency electric amplifiers; electric sound amplifier sets; parts thereof: (con.)				
8518.90		Parts:				
		Of line telephone handsets of subheading 8518.30.10; of repeaters of subheading 8518.40.10:				
8518.90.20	00	Printed circuit assemblies of line telephone handsets; parts of repeaters	X	Free		35%
8518.90.41	00	Other	X	4.2%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other:				
8518.90.60	00	Printed circuit assemblies of the articles of subheading 8518.10.40 or 8518.29.40	X	Free		35%
8518.90.81	00	Other	X	2.4% 1/	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

1/ See subheading 9902.23.28.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8519		Sound recording or reproducing apparatus:				
8519.20.00	00	Apparatus operated by coins, banknotes, bank cards, tokens or by other means of payment	No	Free		35%
8519.30		Turntables (record-decks):				
8519.30.10	00	With automatic record changing mechanism	No	3.9%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8519.30.20	00	Other	No	Free		35%
8519.50.00	00	Telephone answering machines	No	Free		35%
		Other apparatus:				
8519.81		Using magnetic, optical or semiconductor media:				
		Sound reproducing only:				
8519.81.10	00	Transcribing machines	No	Free		35%
		Cassette-type tape players:				
8519.81.20	00	Designed exclusively for motor- vehicle installation	No	Free		35%
8519.81.25	00	Other	No	Free		35%
8519.81.30		Other:		Free		35%
	10	Optical disc (including compact disc) players	No.			
	20	Other	No.			
8519.81.40		Other:		Free		35%
	10	Magnetic tape recorders incorporating sound reproducing apparatus, other than telephone answering machines	No.			
	20	Optical disc recorders	No.			
	50	Other	No.			
8519.89		Other:				
		Record players, other than those operated by coins, banknotes, bank cards, tokens or by other means of payment:				
8519.89.10	00	Without loudspeaker	No	Free		35%
8519.89.20	00	Other	No	Free		35%
8519.89.30	00	Other	No	Free		35%
8521		Video recording or reproducing apparatus, whether or not incorporating a video tuner:				
8521.10		Magnetic tape-type:				
		Color, cartridge or cassette type:				
8521.10.30	00	Not capable of recording	No	Free		35%
8521.10.60	00	Other	No	Free		35%
8521.10.90	00	Other	No	Free		35%
8521.90.00	00	Other	No	Free		35%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8522		Parts and accessories suitable for use solely or principally with the apparatus of heading 8519 or 8521:				
8522.10.00	00	Pickup cartridges	No	3.9%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8522.90		Other:				
		Assemblies and subassemblies of articles provided for in subheading 8519.81.40, consisting of two or more pieces fastened or joined together:				
8522.90.25	00	Printed circuit assemblies	X	Free		35%
8522.90.36	00	Other	X	1%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Parts of telephone answering machines:				
8522.90.45	00	Printed circuit assemblies	X	Free		35%
8522.90.58		Other		Free		35%
	40	Magnetic recording and reproducing heads	X			
	80	Other	X			
		Other:				
8522.90.65	00	Printed circuit assemblies	X	Free		35%
8522.90.80		Other		Free		35%
	40	Magnetic recording and reproducing heads	X			
	81	Other	X			
8523		Discs, tapes, solid-state non-volatile storage devices, "smart cards" and other media for the recording of sound or of other phenomena, whether or not recorded, including matrices and masters for the production of discs, but excluding products of Chapter 37:				
		Magnetic media:				
8523.21.00	00	Cards incorporating a magnetic stripe	No	Free		80%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8523 (con.)		Discs, tapes, solid-state non-volatile storage devices, "smart cards" and other media for the recording of sound or of other phenomena, whether or not recorded, including matrices and masters for the production of discs, but excluding products of Chapter 37: (con.)				
		Magnetic media: (con.)				
8523.29		Other:				
8523.29.10	00	Unrecorded magnetic media	No	Free		80%
		Other:				
8523.29.20	00	Magnetic tapes for reproducing phenomena other than sound or image	m^2	Free		86.1¢/m^2 of recording surface
		Other magnetic tapes:				
		Of a width not exceeding 4 mm:				
8523.29.30	00	News sound recordings relating to current events	X	Free		Free
8523.29.40		Other		Free		86.1¢/m^2 of recording surface
	10	Sound recordings on cassette tapes	No. m^2			
	20	Other	No. m^2			
		Of a width exceeding 4 mm but not exceeding 6.5 mm:				
8523.29.50		Video tape recordings:		Free		3.3¢/lin. m
	10	In cassettes	lin. m No.			
	20	Other	lin. m			
8523.29.60	00	Other	m^2	Free		86.1¢/m^2 of recording surface
		Of a width exceeding 6.5 mm:				
8523.29.70		Video tape recordings:		Free		3.3¢/lin. m
	10	Of a width not exceeding 16 mm, in cassettes	lin. m No.			
	20	Other	lin. m			
8523.29.80	00	Other	m^2	Free		86.1¢/m^2 of recording surface
8523.29.90	00	Other	m^2	Free		86.1¢/m^2 of recording surface

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8523 (con.)		Discs, tapes, solid-state non-volatile storage devices, "smart cards" and other media for the recording of sound or of other phenomena, whether or not recorded, including matrices and masters for the production of discs, but excluding products of Chapter 37: (con.)				
		Optical media:				
8523.41.00	00	Unrecorded	X	Free		80%
8523.49		Other:				
8523.49.20		For reproducing phenomena other than sound or image		Free		86.1¢/m^2 of recording surface
	10	Prepackaged software for automatic data processing machines, of a kind sold at retail	No. m^2			
	20	Other	No. m^2			
8523.49.30	00	For reproducing sound only	No m^2	Free		86.1¢/m^2 of recording surface
		Other:				
8523.49.40	00	For reproducing representations of instructions, data, sound, and image, recorded in a machine readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine; proprietary format recorded discs	No	Free		80%
8523.49.50	00	Other	No	Free		80%
		Semiconductor media:				
8523.51.00	00	Solid-state non-volatile storage devices	No	Free		80%
8523.52.00		"Smart cards"		Free		35%
	10	Unrecorded	No.			
	90	Other	No.			
8523.59.00	00	Other	X	Free		35%
8523.80		Other:				
8523.80.10	00	Phonograph records	No	Free		30%
8523.80.20	00	Other	X	Free		80%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8525		Transmission apparatus for radio-broadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus; television cameras, digital cameras and video camera recorders:				
8525.50		Transmission apparatus:				
		Television:				
8525.50.10	00	Set top boxes which have a communication function	No	Free		35%
8525.50.30		Other		0.9%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	15	Apparatus for the reception of television signals relayed by television satellite	No.			
		Other:				
	35	Converters, decoders, preamplifiers, line amplifiers, distribution amplifiers and other amplifiers; directional couplers and other couplers; all the foregoing designed for cable or closed-circuit television applications	X			
	40	Other	X			
8525.50.70		For radiobroadcasting		1.5%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	Transmitters	No.			
	50	Other	X			
8525.60		Transmission apparatus incorporating reception apparatus:				
8525.60.10		Transceivers:		Free		35%
	10	Citizens Band (CB)	No.			
	20	Low-power radiotelephonic transceivers operating on frequencies from 49.82 to 49.90 MHz	No.			
		Other:				
	30	Hand-held	No.			
		Other:				
	40	Marine VHF-FM	No.			
	50	Other	X			
8525.60.20	00	Other	X	Free		35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8525 (con.)		Transmission apparatus for radio-broadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus; television cameras, digital cameras and video camera recorders: (con.)				
8525.80		Television cameras, digital cameras and video camera recorders:				
		Television cameras:				
8525.80.10	00	Gyrostabilized television cameras	No	Free		35%
8525.80.20	00	Studio television cameras excluding shoulder-carried and other portable cameras	No	Free		35%
8525.80.30		Other:		1%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	Color	No.			
	50	Other	No.			
8525.80.40	00	Digital still image video cameras	No	Free		35%
8525.80.50		Other:		1% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Camcorders:				
	10	8 mm	No.			
	20	Other	No.			
	50	Other	No.			
8526		Radar apparatus, radio navigational aid apparatus and radio remote control apparatus:				
8526.10.00		Radar apparatus		Free		35%
	20	Designed for boat or ship installation	No.			
	40	Other	No.			
		Other:				
8526.91.00		Radio navigational aid apparatus		Free		35%
	20	Reception only apparatus	No.			
	40	Other	No.			
8526.92		Radio remote control apparatus:				
8526.92.10	00	Radio remote control apparatus for video game consoles	X	Free		35%
8526.92.50	00	Other	X	2.4%	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

1/ See subheadings 9902.23.35 and 9902.23.36.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8527		Reception apparatus for radiobroadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock:				
		Radiobroadcast receivers capable of operating without an external source of power:				
8527.12.00	00	Pocket-size radio cassette players	No	Free		35%
8527.13		Other apparatus combined with sound recording or reproducing apparatus:				
8527.13.11	00	Combinations incorporating tape players which are incapable of recording	No	Free		35%
		Other:				
8527.13.20		Radio-tape recorder combinations		Free		35%
	15	Cassette type	No.			
	25	Other	No.			
8527.13.40	00	Radio-phonograph combinations	No	Free		35%
8527.13.60		Other		Free		35%
	40	Incorporating optical disc (including compact disc) players or recorders	No.			
	80	Other	No.			
8527.19		Other:				
8527.19.10	00	Valued not over $40 each, incorporating a clock or clock-timer, not in combination with any other article, and not designed for motor vehicle installation	No	Free		35%
8527.19.50		Other		Free 1/		35%
	10	FM only or AM/FM only	No.			
	25	Other	No.			

1/ See subheadings 9902.02.23, 9902.22.37, and 9902.25.58.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8527 (con.)		Reception apparatus for radiobroadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock: (con.)				
		Radiobroadcast receivers not capable of operating without an external source of power, of a kind used in motor vehicles:				
8527.21		Combined with sound recording or reproducing apparatus:				
		Radio-tape player combinations:				
8527.21.15	00	Combined with sound recording or reproducing apparatus capable of receiving and decoding digital radio data system signals	No	Free		35%
8527.21.25		Other:		2%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	Incorporating optical disc (including compact disc) players or recorders	No.			
	25	Other	No.			
8527.21.40		Other		Free		35%
	40	Incorporating optical disc (including compact disc) players or recorders	No.			
	80	Other	No.			
8527.29		Other:				
8527.29.40	00	FM only or AM/FM only	No	2.2%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8527.29.80	00	Other	No	2.2%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8527 (con.)		Reception apparatus for radiobroadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock: (con.)				
		Other:				
8527.91		Combined with sound recording or reproducing apparatus:				
8527.91.05	00	Articles designed for connection to telegraphic or telephonic apparatus or instruments or to telegraphic or telephonic networks	No	Free		35%
		Other:				
8527.91.40	00	Combinations incorporating tape players which are incapable of recording	No	Free		35%
8527.91.50	00	Other combinations incorporating tape recorders	No	Free		35%
8527.91.60		Other		Free		35%
	40	Incorporating optical disc (including compact disc) players or recorders	No.			
	80	Other	No.			
8527.92		Not combined with sound recording or reproducing apparatus but combined with a clock:				
8527.92.10	00	Valued not over $40 each	No	Free		35%
8527.92.50	00	Other	No	Free 1/		35%
8527.99		Other:				
8527.99.10	00	Infant nursery monitor systems, each consisting in the same package of a radio transmitter, an electrical adapter, and a radio receiver	No	Free		35%
8527.99.15	00	Other radio receivers	No	Free 2/		35%
8527.99.40	00	Other:	No	Free		35%

1/ See subheading 9902.02.24.
2/ See subheading 9902.02.25.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8528		Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus:				
		Cathode-ray tube monitors:				
8528.42.00	00	Capable of directly connecting to and designed for use with an automatic data processing machine of heading 8471	No	Free		35%
8528.49		Other:				
		Color:				
		Incomplete or unfinished (including assemblies consisting of the parts specified in subdivisions (a), (b), (c) and (e) in additional U.S. note 9 to this chapter plus a power supply), presented without a display device:				
8528.49.05	00	Incorporating video recording or reproducing apparatus	No	Free		25%
8528.49.10	00	Other	No	Free		35%
		Non-high definition, having a single picture tube intended for direct viewing (non-projection type), with a video display diagonal not exceeding 35.56 cm:				
		Incorporating video recording or reproducing apparatus:				
8528.49.15	00	With a video display diagonal not exceeding 34.29 cm	No	Free		25%
8528.49.20	00	Other	No	Free		25%
		Other:				
8528.49.25	00	With a video display diagonal not exceeding 34.29 cm	No	Free		35%
8528.49.30	00	Other	No	Free 1/		35%
		Non-high definition, having a single picture tube intended for direct viewing (non-projection type), with a video display diagonal exceeding 35.56 cm:				
8528.49.35	00	Incorporating video recording or reproducing apparatus	No	Free		25%
8528.49.40	00	Other	No	Free 2/		35%
		Non-high definition, projection type, with a cathode-ray tube:				
8528.49.45	00	Incorporating video recording or reproducing apparatus	No	Free		25%
8528.49.50	00	Other	No	Free		35%
		High definition, non-projection type, with a cathode-ray tube:				
8528.49.60	00	Incorporating video recording or reproducing apparatus	No	Free		25%
8528.49.65	00	Other	No	Free		35%
		High definition, projection type, with a cathode-ray tube:				
8528.49.70	00	Incorporating video recording or reproducing apparatus	No	Free		25%
8528.49.75	00	Other	No	Free		35%
8528.49.80	00	Black and white or other monochrome	No	Free 1/		35%

1/ See subheading 9902.23.54.
2/ See subheading 9902.23.53.
1/ See subheading 9902.23.55.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8528 (con.)		Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.)				
		Other monitors:				
8528.52.00	00	Capable of directly connecting to and designed for use with an automatic data processing machine of heading 8471	No	Free		35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8528 (con.)		Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.)				
		Other monitors: (con.)				
8528.59		Other:				
		Color:				
		Incomplete or unfinished (including assemblies consisting of the parts specified in subdivisions (a), (b), (c) and (e) in additional U.S. note 9 to this chapter plus a power supply), presented without a display device:				
8528.59.05	00	Incorporating video recording or reproducing apparatus	No	Free		25%
8528.59.10	00	Other	No	Free		35%
		With a flat panel screen:				
		Incorporating video recording or reproducing apparatus:				
8528.59.15	00	With a video display diagonal not exceeding 34.29 cm	No	Free		25%
8528.59.23	00	Other	No	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
		Other:				
8528.59.25	00	With a video display diagonal not exceeding 34.29 cm	No	Free		35%
8528.59.33		Other		5% 1/	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	Plasma-type	No.			
	50	LCD-type (direct view)	No.			
	70	Other	No.			
		Other:				
		Incorporating video recording or reproducing apparatus:				
8528.59.35	00	With a video display diagonal not exceeding 34.29 cm	No	Free		25%
8528.59.40	00	Other	No	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
		Other:				
8528.59.45	00	With a video display diagonal not exceeding 34.29 cm	No	Free		35%
8528.59.50	00	Other	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8528.59.60	00	Black and white or other monochrome	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

1/ See subheading 9902.23.52.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8528 (con.)		Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.)				
		Projectors:				
8528.62.00	00	Capable of directly connecting to and designed for use with an automatic data processing machine of heading 8471	No	Free		35%
8528.69		Other:				
		Color:				
		Incomplete or unfinished (including assemblies consisting of the parts specified in subdivisions (a), (b), (c) and (e) in additional U.S. note 9 to this chapter plus a power supply), presented without a display device:				
8528.69.05	00	Incorporating video recording or reproducing apparatus	No	Free		25%
8528.69.10	00	Other	No	Free		35%
		Non-high definition, with a cathode-ray tube:				
8528.69.15	00	Incorporating video recording or reproducing apparatus	No	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
8528.69.20	00	Other	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		High definition, with a cathode-ray tube:				
8528.69.25	00	Incorporating video recording or reproducing apparatus	No	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
8528.69.30	00	Other	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		With a flat panel screen:				
		Incorporating video recording or reproducing apparatus:				
8528.69.35	00	With a video display diagonal not exceeding 34.29 cm	No	Free		25%
8528.69.40	00	Other	No	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
		Other:				
8528.69.45	00	With a video display diagonal not exceeding 34.29 cm	No	Free		35%
8528.69.50	00	Other	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8528 (con.)		Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.)				
		Projectors: (con.)				
8528.69 (con.)		Other: (con.)				
		Color: (con.)				
		Other:				
8528.69.55	00	Incorporating video recording or reproducing apparatus	No	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
8528.69.60	00	Other	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8528.69.70	00	Black and white or other monochrome	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus:				
8528.71		Not designed to incorporate a video display or screen:				
8528.71.10	00	Incorporating video recording or reproducing apparatus	No	Free		25%
		Other:				
8528.71.20	00	Set top boxes which have a communications function	No	Free		35%
8528.71.30	00	Printed circuit assemblies incorporating a tuner, of a kind used with data processing machines of heading 8471	No	Free		35%
		Other:				
8528.71.40	00	Color	No	Free		35%
8528.71.45	00	Black and white or other monochrome	No	Free		35%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8528 (con.)		Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.)				
		Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.)				
8528.72		Other, color:				
		Incomplete or unfinished (including assemblies for television receivers consisting of all the parts specified in additional U.S. note 9 to this chapter plus a power supply), presented without a display device:				
8528.72.04	00	Incorporating video recording or reproducing apparatus	No	Free		25%
8528.72.08	00	Other	No	Free		35%
		Non-high definition, having a single picture tube intended for direct viewing (non-projection type), with a video display diagonal not exceeding 35.56 cm:				
		Incorporating video recording or reproducing apparatus:				
8528.72.12	00	With a video display diagonal not exceeding 34.29 cm	No	Free		25%
8528.72.16	00	Other	No	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
		Other:				
8528.72.20	00	With a video display diagonal not exceeding 34.29 cm	No	Free		35%
8528.72.24	00	Other	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Non-high definition, having a single picture tube intended for direct viewing (non-projection type), with a video display diagonal exceeding 35.56 cm:				
8528.72.28	00	Incorporating video recording or reproducing apparatus	No	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
8528.72.32	00	Other	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8528 (con.)		Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.)				
		Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.)				
8528.72 (con.)		Other, color: (con.)				
		Non-high definition, projection type, with a cathode-ray tube:				
8528.72.36	00	Incorporating video recording or reproducing apparatus	No	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
8528.72.40	00	Other	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		High definition, non-projection type, with a cathode-ray tube:				
8528.72.44	00	Incorporating video recording or reproducing apparatus	No	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
8528.72.48	00	Other	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		High definition, projection type, with a cathode-ray tube:				
8528.72.52	00	Incorporating video recording or reproducing apparatus	No	3.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
8528.72.56	00	Other	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8528 (con.)		Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.)				
		Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.)				
8528.72 (con.)		Other, color: (con.)				
		With a flat panel screen:				
		Incorporating video recording or reproducing apparatus:				
8528.72.62	00	With a video display diagonal not exceeding 34.29 cm	No	Free		25%
8528.72.64		Other:		3.9%	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
		With a video display diagonal:				
	20	Not exceeding 75 cm	No.			
	30	Exceeding 75 cm but not exceeding 88 cm	No.			
	40	Exceeding 88 cm but not exceeding 113 cm	No.			
	60	Exceeding 113 cm	No.			
		Other:				
8528.72.68	00	With a video display diagonal not exceeding 34.29 cm	No	Free		35%
8528.72.72		Other		5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		LCD-type (direct-view), with a video display diagonal:				
	20	Not exceeding 75 cm	No.			
	30	Exceeding 75 cm but not exceeding 88 cm	No			
	40	Exceeding 88 cm but not exceeding 113 cm	No.			
	60	Exceeding 113 cm	No.			
	90	Other, including plasma-type	No.			

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8528 (con.)		Monitors and projectors, not incorporating television reception apparatus; reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.)				
		Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus: (con.)				
8528.72 (con.)		Other, color: (con.)				
		Other:				
		Incorporating video recording or reproducing apparatus:				
8528.72.76	00	With a video display diagonal not exceeding 34.29 cm	No	Free		25%
8528.72.80	00	Other	No	3.9%	Free (A*, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	25%
		Other:				
8528.72.84	00	With a video display diagonal not exceeding 34.29 cm	No	Free		35%
8528.72.97	00	Other	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8528.73.00	00	Other, monochrome	No	5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8529		Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528:				
8529.10		Antennas and antenna reflectors of all kinds; parts suitable for use therewith:				
8529.10.21		Television		Free		35%
		Antennas:				
	20	Receiving only	No.			
	50	Other	No.			
	90	Other	X			
8529.10.40		Radar, radio navigational aid and radio remote control		Free		35%
	40	Antennas	No			
	80	Other	X			
8529.10.91	00	Other	X	1.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8529 (con.)		Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528: (con.)				
8529.90		Other:				
		Printed circuit assemblies:				
		Of television apparatus:				
8529.90.04	00	Tuners	No	1.5%	Free (A, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other, comprising printed circuit boards and ceramic substrates with components assembled thereon, for color television receivers; subassemblies containing one or more of such boards or substrates, except tuners or convergence assemblies:				
8529.90.05	00	Entered with components enumerated in additional U.S. note 4 to this chapter	No. 1/	2%	Free (A+, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8529.90.06	00	Other	No. 1/	Free		35%
		Other:				
8529.90.09	00	For television cameras	X	Free		35%
8529.90.13	00	Other	X	1.4%	Free (A+, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Of radar, radio navigational aid or radio remote control apparatus:				
8529.90.16		Assemblies and subassemblies, consisting of 2 or more parts or pieces fastened or joined together		Free		35%
	20	Of radar apparatus	X			
	40	Of radio navigational aid apparatus (except radar)	X			
	60	Other	X			
8529.90.19		Other		1.6%	Free (A, AU, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Of radar apparatus	X			
	40	Of radio navigational aid apparatus (except radar)	X			
	60	Other	X			
8529.90.22	00	Other	X	Free		35%
8529.90.24	01	Transceiver assemblies for the apparatus of subheading 8526.10, other than printed circuit assemblies	X	1.6%	Free (A, AU, BH, C, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

1/ Report quantity as indicated in additional U.S. note 4(b) to this chapter.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8529 (con.)		Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528: (con.)				
8529.90 (con.)		Other: (con.)				
		Parts of television receivers specified in additional U.S. note 9 to this chapter, other than printed circuit assemblies:				
8529.90.29	00	Tuners	No	Free		35%
		Subassemblies, for color television receivers, containing two or more printed circuit boards or ceramic substrates with components assembled thereon, except tuners or convergence assemblies:				
8529.90.33	00	Entered with components enumerated in additional U.S. note 4 to this chapter	No. 1/	Free		35%
8529.90.36	00	Other	No. 1/	Free		35%
8529.90.39	00	Other	X	1.4%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Combinations of parts specified in additional U.S. note 9 to this chapter:				
		Subassemblies, for color television receivers, containing two or more printed circuit boards or ceramic substrates with components assembled thereon, except tuners or convergence assemblies:				
8529.90.43	00	Entered with components enumerated in additional U.S. note 4 to this chapter	No. 1/	Free		35%
8529.90.46	00	Other	No. 1/	Free		35%
8529.90.49	00	Other	X	1.4%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8529.90.54	00	Flat panel screen assemblies for the apparatus of subheadings 8528.59.15, 8528.59.23, 8528.59.25, 8528.59.33, 8528.69.35, 8525.69.40, 8528.69.45, 8528.69.50, 8528.72.62, 8528.72.64, 8528.72.68 and 8528.72.72	X	1.4%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other, parts of printed circuit assemblies, including face plates and lock latches:				
		Of television apparatus:				
8529.90.63	00	For television cameras	X	Free		35%
8529.90.68	00	Other	X	1.4%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8529.90.73	00	Of radar, radio navigational aid or radio remote control apparatus	X	Free		35%
8529.90.75	00	Other	X	Free		35%

1/ Report quantity as indicated in additional U.S. note 4(b) to this chapter.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8529 (con.)		Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528: (con.)				
8529.90 (con.)		Other: (con.)				
		Other parts of articles of headings 8525 and 8527:				
		Of television apparatus:				
		For television cameras:				
8529.90.78	00	Mounted lenses suitable for use in, and entered separately from, closed-circuit television cameras, with or without attached electrical or non-electrical closed-circuit television camera connectors, and with or without attached motors	No	Free		35%
8529.90.81	00	Other	X	1.6%	Free (A, AU, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8529.90.83	00	Other	X	1.4%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8529.90.86	00	Other	X	Free		35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8529 (con.)		Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528: (con.)				
8529.90 (con.)		Other: (con.)				
		Other:				
		Of television receivers:				
		Subassemblies, for color television receivers, containing two or more printed circuit boards or ceramic substrates with components assembled thereon, except tuners or convergence assemblies:				
8529.90.88	00	Entered with components enumerated in additional U.S. note 4 to this chapter.....	No. 1/	Free		35%
8529.90.89	00	Other.....	No. 1/	Free		35%
8529.90.93		Other.....	.....	1.4%	Free (A+, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	45	Convergence assemblies, focus coils and degaussing coils.....	X			
	80	Other.....	X			
		Of radar, radio navigational aid or radio remote control apparatus:				
8529.90.95		Assemblies and subassemblies, consisting of 2 or more parts or pieces fastened or joined together.....	.....	1.6%	Free (A, AU, BH, C, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Of radar apparatus.....	X			
	40	Of radio navigational aid apparatus (except radar).....	X			
	60	Other.....	X			
8529.90.97		Other.....	.....	1.6%	Free (A, AU, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Of radar apparatus.....	X			
	40	Of radio navigational aid apparatus (except radar).....	X			
	60	Other.....	X			
8529.90.99	00	Other.....	X.....	Free		35%
8530		Electrical signaling, safety or traffic control equipment for railways, streetcar lines, subways, roads, inland waterways, parking facilities, port installations or airfields (other than those of heading 8608); parts thereof:				
8530.10.00	00	Equipment for railways, streetcar lines or subways.....	X.....	Free		35%
8530.80.00	00	Other equipment.....	X.....	Free		35%
8530.90.00	00	Parts.....	X.....	Free		35%

1/ Report quantity as indicated in additional U.S. note 4(b) to this chapter.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8531		Electric sound or visual signaling apparatus (for example, bells, sirens, indicator panels, burglar or fire alarms), other than those of heading 8512 or 8530; parts thereof:				
8531.10.00		Burglar or fire alarms and similar apparatus		1.3%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Smoke detectors:				
	15	Battery powered	No.			
	25	Other	No.			
		Other:				
	35	Burglar alarms	No.			
	45	Other	No.			
8531.20.00		Indicator panels incorporating liquid crystal devices (LCD's) or light emitting diodes (LED)		Free		35%
	20	Incorporating LCD's	X			
	40	Other	X			
8531.80		Other apparatus:				
8531.80.15	00	Doorbells, chimes, buzzers and similar apparatus	X	1.3%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8531.80.90		Other		0.6%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Indicator panels:				
	05	Incorporating electric discharge (fluorescent) devices	X			
	26	Other	X			
	31	Horns	X			
	41	Other sound signaling apparatus	X			
	51	Other	X			
8531.90		Parts:				
		Printed circuit assemblies:				
8531.90.15	00	Of the panels of subheading 8531.20	X	Free		35%
8531.90.30	00	Other	X	0.6%	Free (A, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other:				
8531.90.75	00	Of the panels of subheading 8531.20	X	Free		35%
8531.90.90	01	Other	X	0.6%	Free (A, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8532		Electrical capacitors, fixed, variable or adjustable (pre-set); parts thereof:				
8532.10.00	00	Fixed capacitors designed for use in 50/60 Hz circuits and having a reactive power handling capacity of not less than 0.5 kvar (power capacitors)	No	Free		35%
		Other fixed capacitors:				
8532.21.00		Tantalum		Free		35%
	20	Metal case	No.			
		Other:				
	40	Dipped	No.			
	50	Designed for surface mounting (SMD) by contact	No.			
	80	Other	No.			
8532.22.00		Aluminum electrolytic		Free		35%
	20	Not exceeding 18 mm in diameter 1/	No.			
	40	Exceeding 18 mm but not exceeding 35 mm in diameter 1/	No.			
	55	Exceeding 35 mm but not exceeding 51 mm in diameter 1/	No.			
	85	Exceeding 51 mm in diameter 1/	No.			
8532.23.00		Ceramic dielectric, single layer		Free		35%
	20	Chips	No.			
		Other:				
	40	Axial leads	No.			
	60	Radial leads	No.			
8532.24.00		Ceramic dielectric, multilayer		Free		35%
	20	Chips	No.			
		Other:				
	40	Axial leads	No.			
	60	Radial leads	No.			
8532.25.00		Dielectric of paper or plastics		Free		35%
		Alternating current (AC) service:				
	10	Less than 300 V	No.			
	20	300 V or greater, but less than 600 V	No.			
	30	600 V or greater, but less than 1,000 V	No.			
	40	1,000 V or greater	No.			
		Other:				
		Leadless:				
	45	Designed for surface mounting (SMD) by contact	No.			
	55	Other	No.			
	60	Axial leads	No.			
	70	Radial leads	No.			
	80	Other	No.			
8532.29.00		Other		Free		35%
	20	Mica dielectric	No.			
	40	Other	No.			
8532.30.00		Variable or adjustable (pre-set) capacitors		Free		35%
	10	Mica, ceramic or glass dielectric	No.			
	90	Other	No.			

1/ See statistical note 5 to this chapter.

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8532 (con.)		Electrical capacitors, fixed, variable or adjustable (pre-set); parts thereof: (con.)				
8532.90.00	00	Parts	X	Free		35%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8533		Electrical resistors (including rheostats and potentiometers), other than heating resistors; parts thereof:				
8533.10.00		Fixed carbon resistors, composition or film types		Free		35%
		Designed for surface mounting (SMD) by contact:				
	20	Having more than two terminals (resistor networks)	No.			
	42	Having two terminals	No.			
	57	Having more than two leads (resistor networks)	No.			
		Other:				
	60	Carbon composition	No.			
	65	Carbon film	No.			
		Other fixed resistors:				
8533.21.00		For a power handling capacity not exceeding 20 W		Free		35%
		Designed for surface mounting (SMD) by contact:				
		Having more than two terminals (resistor networks):				
	10	Dual-in-line package	No.			
	20	Other (including flat packs)	No.			
		Having two terminals:				
	30	Flat resistor chips	No.			
	40	Cylindrical leadless resistors (including metal film, metal oxide and thick cement film)	No.			
		Having more than two leads (resistor networks):				
	50	Single-in-line	No.			
	60	Dual-in-line	No.			
	70	Other	No.			
		Other:				
	80	Wirewound	No.			
	90	Other (including metal film, metal oxide and thick cement film)	No.			
8533.29.00	00	Other	No.	Free		35%
		Wirewound variable resistors, including rheostats and potentiometers:				
8533.31.00	00	For a power handling capacity not exceeding 20 W	No.	Free		35%
8533.39.00		Other		Free		35%
	40	Dimmers	No.			
	80	Other	No.			
8533.40		Other variable resistors, including rheostats and potentiometers:				
8533.40.40	00	Metal oxide varistors	No.	Free		35%
8533.40.80		Other		Free		35%
	40	Rheostat and resistor type motor starters and controllers	No.			
		Other:				
	50	Cermet	No.			
	60	Metal glaze	No.			
	70	Other	No.			
8533.90		Parts:				
8533.90.40	00	For the goods of subheading 8533.40, of ceramic or metallic materials, electrically or mechanically reactive to changes in temperature	X	Free		35%
8533.90.80	00	Other	X	Free		35%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8534.00.00		Printed circuits	.....	Free		35%
		Plastics impregnated, not flexible type:				
		Having a base wholly of impregnated glass:				
	20	With 3 or more layers of conducting materials	No.			
	40	Other	No.			
	50	Having a base wholly of impregnated paper	No.			
	70	Other	No.			
		Other:				
	80	Flexible type	No.			
	85	Other, having a ceramic base	No.			
	95	Other	No.			

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8535		Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, fuses, lightning arresters, voltage limiters, surge suppressors, plugs and other connectors, junction boxes), for a voltage exceeding 1,000 V:				
8535.10.00		Fuses		2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	In circuits of 2,300 V or more	No.			
	40	Other	No.			
		Automatic circuit breakers:				
8535.21.00	00	For a voltage of less than 72.5 kV	No	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8535.29.00		Other		2%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	In circuits of 345 kV or more	No.			
	40	Other	No.			
8535.30.00		Isolating switches and make-and-break switches		2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	40	Knife	No.			
	80	Other	No.			
8535.40.00	00	Lightning arresters, voltage limiters and surge suppressors	X	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8535.90		Other:				
8535.90.40	00	Motor starters and motor overload protectors	X	2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8535.90.80		Other		2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Terminals, electrical splices and electrical couplings	No.			
	40	Other connectors	No.			
	60	Other	No.			

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8536		Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp-holders and other connectors, junction boxes), for a voltage not exceeding 1,000 V; connectors for optical fibers, optical fiber bundles or cables:				
8536.10.00		Fuses		2.7%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Glass cartridge	No.			
	40	Other	No.			
8536.20.00		Automatic circuit breakers		2.7%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Molded case	No.			
	40	Other	No.			
8536.30		Other apparatus for protecting electrical circuits:				
8536.30.40	00	Motor overload protectors	X	1.3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8536.30.80	00	Other	X	1.3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Relays:				
8536.41.00		For a voltage not exceeding 60 V		2.7%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	05	Automotive signaling flashers	No.			
		Other:				
		With contacts rated at less than 10 A:				
	20	Electromechanical	No.			
	30	Other	No.			
		Other:				
	45	Contactors	No.			
		Other:				
	50	Electromechanical	No.			
	60	Other	No.			
8536.49.00		Other		2.7%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		With contacts rated at less than 10 A:				
	50	Electromechanical	No.			
	55	Other	No.			
		Other:				
	65	Contactors	No.			
		Other:				
	75	Electromechanical	No.			
	80	Other	No.			

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8536 (con.)		Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp-holders and other connectors, junction boxes), for a voltage not exceeding 1,000 V; connectors for optical fibers, optical fiber bundles or cables: (con.)				
8536.50		Other switches:				
8536.50.40	00	Motor starters	No	1.3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other:				
8536.50.70	00	Electronic AC switches consisting of optically coupled input and output circuits (insulated thyristor AC switches); electronic switches, including temperature protected switches, consisting of a transistor and a logic chip (chip-on-chip technology); electromechanical snap-action switches for a current not exceeding 11 amps	No	Free		35%
8536.50.90		Other		1.3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Rotary:				
	20	Rated at not over 5 A	No.			
	25	Rated at over 5 A	No.			
		Push-button:				
		Rated at not over 5 A				
	31	Momentary contact	No.			
	32	Other, gang switches	No.			
	33	Other	No.			
	35	Rated at over 5 A	No.			
	40	Snap-action, other than limit	No.			
	45	Knife	No.			
	50	Slide	No.			
	55	Limit	No.			
	65	Other	No.			

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8536 (con.)		Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp-holders and other connectors, junction boxes), for a voltage not exceeding 1,000 V; connectors for optical fibers, optical fiber bundles or cables: (con.)				
		Lamp-holders, plugs and sockets:				
8536.61.00	00	Lamp-holders	No.	2.7% 1/	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8536.69		Other:				
8536.69.40		Coaxial connectors; cylindrical multicontact connectors; rack and panel connectors; printed circuit connectors; ribbon or flat cable connectors		Free		35%
	10	Coaxial connectors	No.			
	20	Cylindrical multicontact connectors	No.			
	30	Rack and panel connectors	No.			
	40	Printed circuit connectors	No.			
	51	Ribbon or flat cable connectors	No.			
8536.69.80	00	Other	X	2.7%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8536.70.00	00	Connectors for optical fibers, optical fiber bundles or cables	X	Free		45%
8536.90		Other apparatus:				
8536.90.40	00	Terminals, electrical splices and electrical couplings; wafer probers	X	Free		35%
8536.90.60	00	Battery clamps of a kind used in motor vehicles of heading 8702, 8703, 8704 or 8711	No.	2.7%	Free (A*, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8536.90.85		Other		1.3%	Free (A*, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	Electrical distribution ducts	X			
	30	Junction boxes	No.			
	85	Other	X			

1/ See subheadings 9902.23.29, 9902.23.30, 9902.23.31, and 9902.23.32.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8537		Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading 8535 or 8536, for electric control or the distribution of electricity, including those incorporating instruments or apparatus of chapter 90, and numerical control apparatus, other than switching apparatus of heading 8517:				
8537.10		For a voltage not exceeding 1,000 V:				
8537.10.30	00	Assembled with outer housing or supports, for the goods of headings 8421, 8422, 8450 or 8516	X	2.7%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8537.10.60	00	Motor control centers	No	2.7%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other:				
8537.10.80	00	Touch-sensitive data input devices (so-called "touch screens") without display capabilities, for incorporation into apparatus having a display, which function by detecting the presence and location of a touch within the display area (such sensing may be obtained by means of resistance, electrostatic capacity, acoustic pulse recognition, infra-red lights or other touch-sensitive technology)	No	1.3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8537.10.91		Other		2.7% 1/	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Switchgear assemblies and switchboards	No.			
	30	Numerical controls for controlling machine tools	No.			
		Other:				
	50	Panel boards and distribution boards	No.			
	60	Programmable controllers	No.			
	70	Other	No.			
8537.20.00		For a voltage exceeding 1,000 V		2.7%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Switchgear assemblies and switchboards	No.			
	40	Other	No.			

1/ See subheading 9902.10.95.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8538		Parts suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537:				
8538.10.00	00	Boards, panels, consoles, desks, cabinets and other bases for the goods of heading 8537, not equipped with their apparatus	X	1.8%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8538.90		Other:				
		Printed circuit assemblies:				
8538.90.10	00	Of an article of heading 8537 for one of the articles described in additional U.S. note 11 to chapter 85	X	Free		35%
8538.90.30	00	Other	X	3.5%	Free (A, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8538.90.40	00	Other, for the articles of subheading 8535.90.40, 8536.30.40 or 8536.50.40, of ceramic or metallic materials, electrically or mechanically reactive to changes in temperature	X	3.5%	Free (A, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other:				
8538.90.60	00	Molded parts	X	3.5%	Free (A, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8538.90.81		Other		3.5%	Free (A*, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Of automatic circuit breakers	X			
		Other:				
	40	Metal contacts	X			
	60	Other parts of switchgear, switchboards, panel boards and distribution boards	X			
	80	Other	X			

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8539		Electrical filament or discharge lamps, including sealed beam lamp units and ultraviolet or infrared lamps; arc lamps; light-emitting diode (LED) lamps; parts thereof:				
8539.10.00		Sealed beam lamp units	.....	2%	Free (A, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
		Under 15.24 cm:				
	10	For the vehicles of subheading 8701.20 or heading 8702, 8703, 8704, 8705 or 8711	No.			
	30	Other	No.			
		15.24 cm or over:				
	50	For the vehicles of subheading 8701.20 or heading 8702, 8703, 8704, 8705 or 8711	No.			
	60	Other	No.			
		Other filament lamps, excluding ultraviolet or infrared lamps:				
8539.21		Tungsten halogen:				
8539.21.20		Designed for a voltage not exceeding 100 V	.....	Free		20%
	40	For the vehicles of subheading 8701.20 or heading 8702, 8703, 8704, 8705 or 8711	No.			
	80	Other	No.			
8539.21.40		Other	.....	2.6%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
	40	Of a power less than 500 W	No.			
	80	Of a power 500 W or more	No.			
8539.22		Other, of a power not exceeding 200 W and for a voltage exceeding 100 V:				
8539.22.40	00	Christmas-tree lamps	No	5.8%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
8539.22.80		Other	.....	2.6%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
		Of a power not exceeding 150 W:				
	10	3-way	No.			
	30	Decorative	No.			
		Other, including standard household:				
	40	Of a power 15 W or more but not exceeding 150 W	No.			
	60	Other	No.			
	70	Of a power exceeding 150 W	No.			

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8539 (con.)		Electrical filament or discharge lamps, including sealed beam lamp units and ultraviolet or infrared lamps; arc lamps; light-emitting diode (LED) lamps; parts thereof: (con.)				
		Other filament lamps, excluding ultraviolet or infrared lamps: (con.)				
8539.29		Other:				
		Designed for a voltage not exceeding 100 V:				
8539.29.10	00	Christmas-tree lamps	No	5.8%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
8539.29.20	00	Lamps having glass envelopes not over 6.35 mm in maximum diameter and suitable for use in cystoscopes and other surgical instruments	No	5.2%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	55%
8539.29.30		Other		Free		20%
	20	Flashlight lamps	No.			
		Other:				
	50	Designed for a voltage of 12 V or more but not exceeding 14 V	No.			
	60	Other	No.			
8539.29.40	00	Designed for a voltage exceeding 100 V	No	2.6%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
		Discharge lamps, other than ultraviolet lamps:				
8539.31.00		Fluorescent, hot cathode		2.4%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
	40	1.2 m, straight tube, of a power 30 W or more but not exceeding 40 W	No.			
		Other:				
	50	With a single plug-in base	No.			
	60	With a single screw-in base	No.			
	70	Other	No.			
8539.32.00		Mercury or sodium vapor lamps; metal halide lamps		2.4% 1/	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
	20	Sodium vapor	No.			
	40	Mercury vapor	No.			
	90	Other	No.			
8539.39		Other:				
8539.39.10	00	Cold-cathode fluorescent lamps (CCFLs) for backlighting of flat panel displays	No	Free		20%
8539.39.90	00	Other	No	2.4%	Free (A, AU, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%

1/ See subheading 9902.23.37.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8539 (con.)		Electrical filament or discharge lamps, including sealed beam lamp units and ultraviolet or infrared lamps; arc lamps; light-emitting diode (LED) lamps; parts thereof: (con.)				
		Ultraviolet or infrared lamps; arc lamps:				
8539.41.00	00	Arc lamps	No	2.6%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8539.49.00		Other		2.4%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	40	Ultraviolet lamps	No.			
	80	Other	No.			
8539.50.00		Light-emitting diode (LED) lamps		2%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
	10	Of a type specified in statistical note 8(a) to this chapter	No.			
	20	Of a type specified in statistical note 8(b) to this chapter	No.			
	30	Of a type specified in statistical note 8(c) to this chapter	No.			
	40	Of a type specified in statistical note 8(d) to this chapter	No.			
	50	Straight linear tube	No.			
	90	Other	No.			
8539.90.00	00	Parts	X	2.6%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8540		Thermionic, cold cathode or photocathode tubes (for example, vacuum or vapor or gas filled tubes, mercury arc rectifying tubes, cathode-ray tubes, television camera tubes); parts thereof:				
		Cathode-ray television picture tubes, including video monitor cathode-ray tubes:				
8540.11		Color:				
8540.11.10		Non-high definition, non-projection, having a video display diagonal exceeding 35.56 cm		15%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
		Having a video display diagonal:				
	30	Not exceeding 39 cm	No.			
	40	Exceeding 39 cm but not exceeding 45 cm	No.			
	50	Exceeding 45 cm but not exceeding 50 cm	No.			
	55	Exceeding 50 cm but not exceeding 63 cm	No.			
	85	Exceeding 63 cm	No.			
		Non-high definition, non-projection, having a video display diagonal not exceeding 35.56 cm:				
8540.11.24	01	Having a video display diagonal not exceeding 34.29 cm	No	7.5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
8540.11.28	01	Other	No	15%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
8540.11.30	00	High definition, having a video display diagonal exceeding 35.56 cm	No	15%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
		High definition, having a video display diagonal not exceeding 35.56 cm:				
8540.11.44	01	Having a video display diagonal not exceeding 34.29 cm	No	7.5%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
8540.11.48	01	Other	No	15%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
8540.11.50	00	Other	No	15%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8540 (con.)		Thermionic, cold cathode or photocathode tubes (for example, vacuum or vapor or gas filled tubes, mercury arc rectifying tubes, cathode-ray tubes, television camera tubes); parts thereof: (con.)				
		Cathode-ray television picture tubes, including video monitor cathode-ray tubes: (con.)				
8540.12		Monochrome:				
		Television picture tubes having a straight line dimension across the faceplate greater than 29 cm but having no straight line dimension across the faceplate that exceeds 42 cm:				
8540.12.10	00	Non-high definition	No	3.6%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
8540.12.20	00	High definition	No	3.6%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
		Other:				
8540.12.50		Non-high definition		3.3%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
	40	Projection	No.			
	80	Other	No.			
8540.12.70	00	High definition	No	3.3%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
8540.20		Television camera tubes; image converters and intensifiers; other photocathode tubes:				
8540.20.20		Cathode-ray tubes		6%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	40	Color	No.			
	80	Other	No.			
8540.20.40	00	Other	No	3.3%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8540.40.10		Data/graphic display tubes, monochrome; data/graphic display tubes, color, with a phosphor dot screen pitch smaller than 0.4 mm		3% 1/	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	Color	No.			
	50	Other	No.			

1/ See subheading 9902.85.41.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8540 (con.)		Thermionic, cold cathode or photocathode tubes (for example, vacuum or vapor or gas filled tubes, mercury arc rectifying tubes, cathode-ray tubes, television camera tubes); parts thereof: (con.)				
8540.60.00		Other cathode-ray tubes		3% 2/	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Having a video display diagonal:				
	20	Not exceeding 30 cm	No.			
	65	Exceeding 30 cm but not exceeding 36 cm	No.			
	80	Exceeding 36 cm	No.			
		Microwave tubes (for example, magnetrons, klystrons, traveling wave tubes, carcinotrons), excluding grid-controlled tubes:				
8540.71		Magnetrons:				
8540.71.20	00	Modified for use as parts of microwave ovens	No.	Free		35%
8540.71.40	00	Other	No.	3.7%	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8540.79		Other:				
8540.79.10	00	Klystrons	No.	3.3%	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8540.79.20	00	Other	No.	3.7%	Free (A+, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other tubes:				
8540.81.00	00	Receiver or amplifier tubes	No.	4.2%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8540.89.00		Other		3.7%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	20	Gas and vapor electron tubes	No.			
	40	Diodes, triodes and tetrodes	No.			
	60	Light-sensing tubes	No.			
	80	Other	No.			

2/ See subheading 9902.85.42.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8540 (con.)		Thermionic, cold cathode or photocathode tubes (for example, vacuum or vapor or gas filled tubes, mercury arc rectifying tubes, cathode-ray tubes, television camera tubes); parts thereof: (con.)				
		Parts:				
8540.91		Of cathode-ray tubes:				
8540.91.15	00	Front panel assemblies	X	5.4%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8540.91.20	00	Deflection coils	X	Free		35%
8540.91.50	00	Other	X	5.4%	Free (A+, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8540.99		Other:				
8540.99.40	00	Electron guns; radio frequency (RF) interaction structures for microwave tubes of subheadings 8540.71 through 8540.79, inclusive	X	Free		35%
8540.99.80	00	Other	X	Free		35%
8541		Diodes, transistors and similar semiconductor devices; photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light-emitting diodes (LED); mounted piezoelectric crystals; parts thereof:				
8541.10.00		Diodes, other than photosensitive or light-emitting diodes (LED)		Free		35%
	40	Unmounted chips, dice and wafers	No.			
		Other:				
	50	Zener	No.			
	60	Microwave	No.			
		Other:				
	70	With a maximum current of 0.5 A or less	No.			
	80	Other	No.			
		Transistors, other than photosensitive transistors:				
8541.21.00		With a dissipation rate of less than 1 W		Free		35%
	40	Unmounted chips, dice and wafers	No.			
		Other:				
	75	With an operating frequency not less than 100 MHz	No.			
	95	Other	No.			
8541.29.00		Other		Free		35%
	40	Unmounted chips, dice and wafers	No.			
		Other:				
	75	With an operating frequency not less than 30 MHz	No.			
	95	Other	No.			
8541.30.00		Thyristors, diacs and triacs, other than photosensitive devices		Free		35%
	40	Unmounted chips, dice and wafers	No.			
	80	Other	No.			

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8541 (con.)		Diodes, transistors and similar semiconductor devices; photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light-emitting diodes (LED); mounted piezoelectric crystals; parts thereof: (con.)				
8541.40		Photosensitive semiconductor devices, including photovoltaic cells whether or not assembled in modules or made up into panels; light-emitting diodes (LED):				
8541.40.20	00	Light-emitting diodes (LED)	No	Free		20%
8541.40.60		Other diodes		Free		35%
	10	Unmounted chips, dice and wafers	No.			
		Other:				
		Solar cells:				
	20	Assembled into modules or made up into panels	No. W			
	30	Other	No. W			
	50	Other	No.			
8541.40.70		Transistors		Free		35%
	40	Unmounted chips, dice and wafers	No.			
	80	Other	No.			
		Other:				
8541.40.80	00	Optical coupled isolators	No	Free		35%
8541.40.95	00	Other	No	Free		35%
8541.50.00		Other semiconductor devices		Free		35%
	40	Unmounted chips, dice and wafers	No.			
	80	Other	No.			
8541.60.00		Mounted piezoelectric crystals		Free		35%
		Quartz designed for operating frequencies of:				
	10	32.768 kHz	No.			
	20	Not exceeding 1 MHz, except 32.768 kHz	No.			
	30	Exceeding 1 MHz, but not exceeding 5 MHZ	No.			
	50	Exceeding 5 MHZ, but not exceeding 20 MHz	No.			
	60	Exceeding 20 MHZ	No.			
	80	Other	No.			
8541.90.00	00	Parts	X	Free		35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8542		Electronic integrated circuits; parts thereof:				
		Electronic integrated circuits:				
8542.31.00	01	Processors and controllers, whether or not combined with memories, converters, logic circuits, amplifiers, clock and timing circuits, or other circuits	No	Free		35%
8542.32.00		Memories		Free		35%
		Dynamic read-write random access (DRAM):				
	02	Not over 128 megabits	No.			
	24	Over 128 megabits but not over 256 megabits	No.			
	28	Over 256 megabits but not over 512 megabits	No.			
	32	Over 512 megabits but not over 1 gigabit	No.			
	36	Over 1 gigabit	No.			
	41	Static read-write random access (SRAM)	No.			
	51	Electrically erasable programmable read-only memory (EEPROM)	No.			
	61	Erasable (except electrically) programmable read-only memory (EPROM)	No.			
	71	Other	No.			
8542.33.00	01	Amplifiers	No	Free		35%
8542.39.00	01	Other	No	Free		35%
8542.90.00	00	Parts	X	Free		35%
8543		Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this chapter; parts thereof:				
8543.10.00	00	Particle accelerators	No	1.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8543.20.00	00	Signal generators	No	1.3%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8543.30		Machines and apparatus for electroplating, electrolysis or electrophoresis:				
8543.30.20	00	Of a kind used solely or principally for the manufacture of printed circuits	X	1.3%	Free (A, AU, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8543.30.90		Other		2.6%	Free (A, AU, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	40	Magnesium anodes	kg			
	80	Other	kg			

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8543 (con.)		Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this chapter; parts thereof: (con.)				
8543.70		Other machines and apparatus:				
8543.70.20	00	Physical vapor deposition apparatus	No	2.5%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Electric synchros and transducers; flight data recorders; defrosters and demisters with electric resistors for aircraft:				
8543.70.42	00	Flight data recorders	X	1.3%	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8543.70.45	00	Other	X	2.6%	Free (A, AU, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8543.70.60	00	Articles designed for connection to telegraphic or telephonic apparatus or instruments or to telegraphic or telephonic networks	X	Free		35%
8543.70.71	00	Electric luminescent lamps	No	2%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	20%
		Other:				
8543.70.80	00	Microwave amplifiers	No	Free		35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8543 (con.)		Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this chapter; parts thereof: (con.)				
8543.70 (con.)		Other machines and apparatus: (con.)				
		Other: (con.)				
		Other:				
8543.70.85	00	For electrical nerve stimulation	No	Free		35%
8543.70.87	00	Electrical machines with translation or dictionary functions; flat panel displays other than for articles of heading 8528, except for subheadings 8528.52 or 8528.62; video game console controllers which use infrared transmissions to operate or access the various functions and capabilities of the console	X	Free		35%
8543.70.89	00	Other portable battery operated electronic readers for recording and reproducing text, still images or audio files	No	1.3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8543.70.91	00	Digital signal processing apparatus capable of connecting to a wired or wireless network for the mixing of sound	X	1.3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8543.70.93	01	Portable interactive electronic education devices primarily designed for children	No	Free		35%
8543.70.95	00	Touch-sensitive data input devices (so-called "touch screens") without display capabilities, for incorporation into apparatus having a display, which function by detecting the presence and location of a touch within the display area (such sensing may be obtained by means of resistance, electrostatic capacity, acoustic pulse recognition, infra-red lights or other touch-sensitive technology)	No	1.3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8543.70.97	00	Plasma cleaner machines that remove organic contaminants from electron microscopy specimens and specimen holders	No	1.3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8543 (con.)		Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this chapter; parts thereof: (con.)				
8543.70 (con.)		Other machines and apparatus: (con.)				
		Other: (con.)				
		Other: (con.)				
8543.70.99		Other:		2.6% 1/	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	Amplifiers	No.			
	20	Special effects pedals for use with musical instruments	No.			
		Personal electric or electronic vaporizing devices:				
	30	With substances containing nicotine 2/	No.			
	40	Other	No.			
	60	Other	X			
8543.90		Parts:				
8543.90.12	00	Of physical vapor deposition apparatus of subheading 8543.70	X	Free		35%
		Assemblies and subassemblies for flight data recorders, consisting of two or more parts or pieces fastened or joined together:				
8543.90.15	00	Printed circuit assemblies	X	Free		35%
8543.90.35	00	Other	X	Free		35%
		Other:				
		Printed circuit assemblies:				
8543.90.65	00	Of flat panel displays other than for articles of heading 8528, except for subheadings 8528.52 or 8528.62	X	Free		35%
8543.90.68	00	Other	X	1.3%	Free (A, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other:				
8543.90.85	00	Of flat panel displays other than for articles of heading 8528, except for subheadings 8528.52 or 8528.62	X	Free		35%
8543.90.88		Other		1.3%	Free (A, AU, B, BH, CA, CL, CO, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	45	Of particle accelerators	X			
		Of personal electric or electronic vaporizing devices:				
	50	With substances containing nicotine 2/	X			
	60	Other	X			
	85	Other	X			

1/ See subheading 9902.85.43.
2/ See statistical note 7 to this chapter.

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8544		Insulated (including enameled or anodized) wire, cable (including coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fiber cables, made up of individually sheathed fibers, whether or not assembled with electric conductors or fitted with connectors:				
		Winding wire:				
8544.11.00		Of copper		3.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
	20	33 AWG (0.18 mm in diameter) and finer	kg			
	30	22 AWG (0.643 mm in diameter) and finer but larger than 33 AWG (0.18 mm in diameter)	kg			
	50	Other	kg			
8544.19.00	00	Other	kg	3.9%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8544.20.00	00	Coaxial cable and other coaxial electric conductors	kg	5.3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8544.30.00	00	Ignition wiring sets and other wiring sets of a kind used in vehicles, aircraft or ships	X	5%	Free (A*, AU, B, BH, C, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	30%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8544 (con.)		Insulated (including enameled or anodized) wire, cable (including coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fiber cables, made up of individually sheathed fibers, whether or not assembled with electric conductors or fitted with connectors: (con.)				
		Other electric conductors, for a voltage not exceeding 1,000 V:				
8544.42		Fitted with connectors:				
8544.42.10	00	Fitted with modular telephone connectors	X	Free		35%
		Other:				
8544.42.20	00	Of a kind used for telecommunications	X	Free		35%
8544.42.90		Other		2.6%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
	10	Extension cords as defined in statistical note 6 to this chapter	X			
	90	Other	X			
8544.49		Other:				
		For a voltage not exceeding 80 V:				
8544.49.10	00	Of a kind used for telecommunications	kg	Free		40%
8544.49.20	00	Other	kg	3.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
		Other:				
8544.49.30		Of copper		5.3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
	40	For a voltage exceeding 600 V	kg			
	80	Other	kg			
8544.49.90	00	Other	kg	3.9%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8544.60		Other electric conductors, for a voltage exceeding 1,000 V:				
8544.60.20	00	Fitted with connectors	X	3.7%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
		Other:				
8544.60.40	00	Of copper	kg	3.5%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	40%
8544.60.60	00	Other	kg	3.2%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	35%
8544.70.00	00	Optical fiber cables	Fiber m	Free		65%

Heading/ Subheading	Stat. Suf- fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8545		Carbon electrodes, carbon brushes, lamp carbons, battery carbons and other articles of graphite or other carbon, with or without metal, of a kind used for electrical purposes:				
		Electrodes:				
8545.11.00		Of a kind used for furnaces		Free		45%
		Graphite:				
	10	Not exceeding 425 mm in diameter	kg			
	20	Exceeding 425 mm in diameter	kg			
	50	Other	kg			
8545.19		Other:				
8545.19.20	00	Of a kind used for electrolytic purposes	kg	Free		45%
8545.19.40	00	Other	kg	Free		45%
8545.20.00	00	Brushes	kg	Free		45%
8545.90		Other:				
8545.90.20	00	Arc light carbons	kg	Free		60%
8545.90.40	00	Other	kg	Free		45%
8546		Electrical insulators of any material:				
8546.10.00	00	Of glass	No.	2.9%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	50%
8546.20.00		Of ceramics		3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
		Used in high-voltage, low-frequency electrical systems:				
	30	Commonly known as suspension, pin-type or line post insulators	No.			
	60	Other	No.			
	90	Other	No.			
8546.90.00	00	Other	No.	Free		30%

Heading/ Subheading	Stat. Suf-fix	Article Description	Unit of Quantity	Rates of Duty 1 General	Rates of Duty 1 Special	Rates of Duty 2
8547		Insulating fittings for electrical machines, appliances or equipment, being fittings wholly of insulating material apart from any minor components of metal (for example, threaded sockets) incorporated during molding solely for the purposes of assembly, other than insulators of heading 8546; electrical conduit tubing and joints therefor, of base metal lined with insulating material:				
8547.10		Insulating fittings of ceramics:				
8547.10.40	00	Ceramic insulators to be used in the production of spark plugs for natural gas-fueled, stationary, internal combustion engines	No	3%	Free (A, AU, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
8547.10.80	00	Other	No	3%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	60%
8547.20.00	00	Insulating fittings of plastics	No	Free		30%
8547.90.00		Other		4.6%	Free (A, AU, B, BH, CA, CL, CO, D, E, IL, JO, KR, MA, MX, OM, P, PA, PE, SG)	45%
	10	Other insulating fittings	No.			
		Electrical conduit tubing and joints therefor, of base metal lined with insulating material:				
	20	Conduit tubing	kg			
		Joints:				
	30	Threaded	kg			
	40	Other	kg			
8548		Waste and scrap of primary cells, primary batteries and electric storage batteries; spent primary cells, spent primary batteries and spent electric storage batteries; electrical parts of machinery or apparatus, not specified or included elsewhere in this chapter:				
8548.10		Waste and scrap of primary cells, primary batteries and electric storage batteries; spent primary cells, spent primary batteries and spent electric storage batteries:				
		Spent primary cells, spent primary batteries and spent electric storage batteries:				
8548.10.05		For recovery of lead		Free		11.5%
	40	Lead-acid storage batteries, of a kind used for starting engines	No. kg			
	80	Other	No. kg			
8548.10.15	00	Other	kg	Free		Free
		Other:				
8548.10.25	00	For recovery of lead	No kg	Free		11.5%
8548.10.35	00	Other	kg	Free		Free
8548.90.01	00	Other	X	Free		35%