SECTION XVIII

OPTICAL, PHOTOGRAPHIC, CINEMATOGRAPHIC, MEASURING, CHECKING, PRECISION, MEDICAL OR SURGICAL INSTRUMENTS AND APPARATUS; CLOCKS AND WATCHES; MUSICAL INSTRUMENTS; PARTS AND ACCESSORIES THEREOF

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CHAPTER 90

OPTICAL, PHOTOGRAPHIC, CINEMATOGRAPHIC, MEASURING, CHECKING, PRECISION, MEDICAL OR SURGICAL INSTRUMENTS AND APPARATUS; PARTS AND ACCESSORIES THEREOF

<u>Notes</u>

1. This chapter does not cover:

- (a) Articles of a kind used in machines, appliances or for other technical uses, of vulcanized rubber other than hard rubber (heading 4016), of leather or of composition leather (heading 4204) or of textile material (heading 5911);
- (b) Supporting belts or other support articles of textile material, whose intended effect on the organ to be supported or held derives solely from their elasticity (for example, maternity belts, thoracic support bandages, abdominal support bandages, supports for joints or muscles) (section XI);
- (c) Refractory goods of heading 6903; ceramic wares for laboratory, chemical or other technical uses, of heading 6909;
- (d) Glass mirrors, not optically worked, of heading 7009, or mirrors of base metal or of precious metal, not being optical elements (heading 8306 or chapter 71);
- (e) Goods of heading 7007, 7008, 7011, 7014, 7015 or 7017;
- (f) Parts of general use, as defined in note 2 to section XV, of base metal (section XV) or similar goods of plastics (chapter 39);
- (g) Pumps incorporating measuring devices, of heading 8413; weight-operated counting or checking machinery, or separately entered weights for balances (heading 8423); lifting or handling machinery (headings 8425 to 8428); paper or paperboard cutting machines of all kinds (heading 8441); fittings for adjusting work or tools on machine tools, of heading 8466, including fittings with optical devices for reading the scale (for example, "optical" dividing heads) but not those which are in themselves essentially optical instruments (for example, alignment telescopes); calculating machines (heading 8470); valves or other appliances of heading 8481;
- (h) Searchlights or spotlights of a kind used for cycles or motor vehicles (heading 8512); portable electric lamps of heading 8513; cinematographic sound recording, reproducing or re-recording apparatus (heading 8519 or 8520); sound-heads (heading 8522); still image video cameras, other video camera recorders and digital cameras (heading 8525); radar apparatus, radio navigational aid apparatus and radio remote control apparatus (heading 8526); numerical control apparatus (heading 8537); sealed beam lamp units of heading 8539; optical fiber cables of heading 8544;
- (ij) Searchlights or spotlights of heading 9405;
- (k) Articles of chapter 95;
- (I) Capacity measures, which are to be classified according to their constituent material; or
- (m) Spools, reels or similar supports (which are to be classified according to their constituent material, for example, in heading 3923 or section XV).
- 2. Subject to note 1 above, parts and accessories for machines, apparatus, instruments or articles of this chapter are to be classified according to the following rules:
 - (a) Parts and accessories which are goods included in any of the headings of this chapter or of chapter 84, 85 or 91 (other than heading 8485, 8548 or 9033) are in all cases to be classified in their respective headings;
 - (b) Other parts and accessories, if suitable for use solely or principally with a particular kind of machine, instrument or apparatus, or with a number of machines, instruments or apparatus of the same heading (including a machine, instrument or apparatus of heading 9010, 9013 or 9031) are to be classified with the machines, instruments or apparatus of that kind;
 - (c) All other parts and accessories are to be classified in heading 9033.
- 3. The provisions of note 4 to section XVI apply also to this chapter.
- 4. Heading 9005 does not apply to telescopic sights for fitting to arms, periscopic telescopes for fitting to submarines or tanks, or to telescopes for machines, appliances, instruments or apparatus of this chapter or section XVI; such telescopic sights and telescopes are to be classified in heading 9013.
- Measuring or checking optical instruments, appliances or machines which, but for this note, could be classified both in heading 9013 and in heading 9031 are to be classified in heading 9031.

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Notes (con.)

- 6. For the purposes of heading 9021, the expression "orthopedic appliances" means appliances for:
 - (a) Preventing or correcting bodily deformities; or
 - (b) Supporting or holding parts of the body following an illness, operation or injury.

Orthopedic appliances include footwear and special insoles designed to correct orthopedic conditions, provided that they are either (1) made to measure or (2) mass-produced, entered singly and not in pairs and designed to fit either foot equally.

7. Heading 9032 applies only to:

- (a) Instruments and apparatus for automatically controlling the flow, level, pressure or other variables of liquids or gases, or for automatically controlling temperature, whether or not their operation depends on an electrical phenomenon which varies according to the factor to be automatically controlled, which are designed to bring this factor to, and maintain it at, a desired value, stabilized against disturbances, by constantly or periodically measuring its actual value; and
- (b) Automatic regulators of electrical quantities, and instruments or apparatus for automatically controlling non-electrical quantities the operation of which depends on an electrical phenomenon varying according to the factor to be controlled, which are designed to bring this factor to, and maintain it at, a desired value, stabilized against disturbances, by constantly or periodically measuring its actual value.

Additional U.S. Notes

- 1. For the purposes of headings 9001 and 9002, the term "<u>optically worked</u>" refers to glass the surface of which has been ground or polished in order to produce the required optical properties.
- For the purposes of this chapter, the term "<u>electrical</u>" when used in reference to instruments, appliances, apparatus and machines, refers to those articles the operation of which depends on an electrical phenomenon which varies according to the factor to be ascertained.
- For the purposes of this chapter, the terms "<u>optical appliances</u>" and "<u>optical instruments</u>" refer only to those appliances and
 instruments which incorporate one or more optical elements, but do not include any appliances or instruments in which the incorporated
 optical element or elements are solely for viewing a scale or for some other subsidiary purpose.
- 4. For the purposes of this chapter, the term "<u>printed circuit assembly</u>" means goods consisting of one or more printed circuits of heading 8534 with one or more active elements assembled thereon, with or without passive elements. For the purposes of this note, "<u>active elements</u>" means diodes, transistors and similar semiconductor devices, whether or not photosensitive, of heading 8541, and integrated circuits and microassemblies of heading 8542.
- 5. Subheading 9009.99.40 covers the following parts of photocopying apparatus of subheading 9009.12:
 - (a) Imaging assemblies, incorporating more than one of the following: photoreceptor belt or cylinder, toner receptacle unit, toner distribution unit, developer receptacle unit, developer distribution unit, charge/discharge unit, cleaning unit;
 - (b) Optics assemblies, incorporating more than one of the following: lens, mirror, illumination source, document exposure glass;
 - (c) User control assemblies, incorporating more than one of the following: printed circuit assembly, power supply, user input keyboard, wiring harness, display unit (cathode ray type or flat panel);
 - (d) Image fixing assemblies, incorporating more than one of the following: fuser, pressure rollers, heating elements, release oil dispenser, cleaning unit, electrical controls;
 - (e) Paper handling assemblies, incorporating more than one of the following: paper transport belt, roller, print bar, carriage, gripper roller, paper storage unit, exit tray; or
 - (f) Combinations of the above specified assemblies.

Statistical Notes

1. For statistical reporting purposes under subheading 9001.10, the unit of quantity "fiber m", as it pertains to optical fiber bundles and cables, is determined by multiplying the number of individual fibers contained therein by the length in meters.

Heading/	Stat.		Unit		Rates of Duty	90-3
Subheading	Suf-	Article Description	of			2
0004	fix		Quantity	General	Special	
9001		Optical fibers and optical fiber bundles; optical fiber cables other than those of heading 8544; sheets and plates of polarizing material; lenses (including contact lenses), prisms, mirrors and other optical elements, of any material, unmounted, other than such elements of glass not optically worked:				
9001.10.00		Optical fibers, optical fiber bundles and cables		6.7%	Free (A,CA,E,IL,J, MX) 3.3% (JO)	65%
	30	Optical fibers: For transmission of voice, data or video communications	m			
	50 70	Other: Plastic optical fibers Other Optical fiber bundles and cables:				
9001.20.00	75 85 00	Plastic optical fiber bundles and cables	Fiber m	3.5%	Free (A,CA,E,IL,J,	50%
9001.30.00	00				JÓ,MX) Free (A,CA,E,IL,	40%
9001.40.00	00	Spectacle lenses of glass	prs	2%	J,JO,MX) Free (A,CA,E,IL,J, JO,MX)	40%
9001.50.00	00	Spectacle lenses of other materials	prs	2%	Free (A,CA,E,IL,J, JO,MX)	40%
9001.90 9001.90.40	00	Other: Lenses	No	2%	Free (A,C,CA,E,IL, J,JO,MX)	45%
9001.90.50	00				Free (A,C,CA,E,IL, J,JO,MX)	65%
9001.90.60	00		x	2.8%	Free (A,C,CA,E,IL, J,JO,MX)	45%
9001.90.80	00	Other: Halftone screens designed for use in engraving or photographic processes	x	. 1.1%	Free (A,CA,E,IL,J, JO,MX)	25%
9001.90.90	00	Other	x	2.9%	Free (A,C,CA,E,IL, J,JO,MX)	85%
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-	Stat. Suf-	Article Description	Unit of		Rates of Duty	2
	fix		Quantity	General	Special	2
		Lenses, prisms, mirrors and other optical elements, of any material, mounted, being parts of or fittings for instruments or apparatus, other than such elements of glass not optically worked; parts and accessories thereof:		· · · · · · · · · · · · · · · · · · ·		
9002.11 ·		Objective lenses and parts and accessories thereof: For cameras, projectors or photographic enlargers or reducers:				
9002.11.40	00	Projection	No	2.45%	Free (A,CA,E,IL,J, JO,MX)	45%
9002.11.60	00	Other: 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		45%
9002.11.90	00					
				4	Free (A,CA,E,IL, J,JO,MX)	45%
9002.19.00 9002.20	00	Other Filters and parts and accessories thereof:	x	2.3%	Free (A,CA,É,IL,J, JO,MX)	45% .
9002.20.40	00	Photographic	×	2%	Free (A,CA,E,IL,J, JO,MX)	20%
9002.20.80	00		x	2.9%	Free (A,CA,E,IL,J, JO,MX)	65%
9002.90 9002.90.20	00	Other: Prisms	x	2.8%	Free (A,C,CA,E,IL,	65%
9002.90.40	00	Mirrors	x	2.8%	J,JO,MX) Free (A,C,CA,E,IL, J,JO,MX)	45%
9002.90.70	00	Other: Halftone screens designed for use in engraving or photographic processes	x	1.1%	Free (A,CA,E,IL,J, JO,MX)	25%
9002.90.85	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	JO, WA	65%
9002.90.95				•		
9002.90.95		Other	X	3%	Free (A,C,CA,E,IL, J,JO,MX)	65%
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	Stat. Suf-	Article Description	Unit of		Rates of Duty	
Capitorating	fix		or Quantity	General	Special	2
003		Frames and mountings for spectacles, goggles or the				
		like, and parts thereof: Frames and mountings:				
003.11.00		Of plastics	Doz		Free (A,CA,E,iL,J, JO,MX)	50%
9003.19.00 9003.90:00		Of other materials Parts	Doz X	Free 2.5%	Free (A*,CA,E,IL, J,JO,MX)	50% 50%
9004		Spectacles, goggles and the like, corrective, protective or other:				
9004.10.00				ł	Free (A,CA,E,IL,J, JO,MX)	40%
9004.90.00	00	Other	Doz	2.5%	Free (Á,CÁ,E,IL, J,JO,MX)	40%
9005		Binoculars, monoculars, other optical telescopes, and mountings therefor; other astronomical instruments and mountings therefor, but not including instruments for radio-astronomy; parts and accessories thereof:				
9005.10.00	20 40 80	Binoculars Prism binoculars for use with infrared light Other prism binoculars Other	No.	Free		60%
9005.80 9005.80.40	20	Other instruments: Optical telescopes		8%	Free (A,CA,E,IL,J, MX) 4% (JO)	45%
	40		NO. No.			
9005.80.60	00	Other	No	6%	Free (A,CA,E,IL,J, MX) 3% (JO)	45%
9005.90 9005.90 . 40	00	Parts and accessories (including mountings): Incorporating goods of heading 9001 or 9002	x	applicable to the article of which it is a part or	Free (A,CA,E,IL,J, JO,MX)	applicable to the articl of which it is a part or
9005.90.80	00	Other	x	accessory The rate applicable to the article of which it is a part or accessory	Free (A,CA,E,IL,J, JO,MX)	accessory The rate applicable to the article of which it is a part or accessory

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Heading/ Subheading	Stat. Suf-	Article Description	Unit of	1	Rates of Duty	2
	fix		Quantity	General	Special	<u> </u>
023.00.00	00	Instruments, apparatus and models, designed for demonstrational purposes (for example, in education or exhibitions), unsuitable for other uses, and parts and accessories thereof	×	Free		Free
024		Machines and appliances for testing the hardness, strength, compressibility, elasticity or other mechanical properties of materials (for example, metals, wood, textiles, paper, plastics), and parts and accessories				-
024.10.00	00	thereof: Machines and appliances for testing metals	x	1.7%	Free (A,CA,E,IL,J,	40%
024.80.00	00	Other machines and appliances	x	1.7% [·]	JÓ,MX) Free (A,CA,E,IL,J,	40%
9024.90.00		Parts and accessories		1.7%	JÒ,MX) Free (A,CA,E,IL,J,	40%
	40 80		x x		JÓ,MX}	
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¥ (Stat.	Auto-1	Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	Special	2
025		Hydrometers and similar floating instruments, thermometers, pyrometers, barometers, hygrometers and psychrometers, recording or not, and any combination of these instruments; parts and accessories thereof:	country	General		
025.11 025.11.20		Thermometers and pyrometers, not combined with other instruments: Liquid-filled, for direct reading: Clinical	No	Free		85%
025.11.40 025.19 025.19.40		Other;	•			85%
025.19.40	00	Pyrometers Other			Free (A,C,CA,E,IL, J,JO,MX) Free (A,B,C,CA,E,	
	40 80	Clinical Other	No.	1.078	IL,J,JO,MX)	40%
025.80 025.80.10	00		No	1.7%	Free (A,C,CA,E,IL, J,JO,MX)	40%
025.80.15	00	Other: Barometers, not combined with other instruments	No	1%	Free (A,C,CA,E,IL,	40%
025.80.20	00	Hydrometers and similar floating instruments, whether or not incorporating a thermometer, non-recording	No	2.0%	J,JO,MX) Free (A,C,CA,E,IL,	959/
025.80.35	00	-			Free (A,C,CA,E,IL, J,JO,MX) Free (A,C,CA,E,IL,	
025.80.40	00	_			J,JO,MX) Free (A,C,CA,E,IL,	
025.80.50	00				J,JO,MX) Free (A,C,CA,E,IL,]
9025.90.00	00	Parts and accessories	x	The rate applicable to the article of which it is a part or accessory	J,JO,MX) Free (A,C,CA,E,IL, J,JO,MX)	
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0-24 Heading/ S	Stat.		Unit		Rates of Duty	
~ 1	Suf-	Article Description	of	. 1	Nates of Daty	2
	fix		Quantity	General	Special	-
026		Instruments and apparatus for measuring or checking the	_			
		flow, level, pressure or other variables of liquids or gases				
		(for example, flow meters, level gauges, manometers,				
		heat meters), excluding instruments and apparatus of				
1		heading 9014, 9015, 9028 or 9032; parts and				
i		accessories thereof:				
026.10		For measuring or checking the flow or level of liquids:				
026.10.20		Electrical		Free		40%
	40	Flow meters	No.			
	80	Other	No.			1
		Other:				
026.10.40	00	Flow meters	No	Free		\$4.50 eacl
						+ 65%
026.10.60	00		No	Free		35%
026.20		For measuring or checking pressure:	Į			
026.20.40			No	Free		40%
026,20.80	00	Other	No	Free		35%
026.80		Other instruments and apparatus;	i .			
9026.80.20	00		No	Free		40%
		Other:				
9026.80.40	00	Heat meters incorporating liquid supply	1			
		meters, and anemometers	No	Free		\$4.50 eac
]		+ 65%
9026.80.60	00		No	Free		35%
9026.90		Parts and accessories:				
9026.90.20	100		X	Free	•	40%
		Other:	1.			
9026.90,40	00	Of flow meters, heat meters incorporating			1	
	1	liquid supply meters and anemometers	X	Free		65%
9026.90.60	00	Other	X	Free		35%
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	Stat.		Unit		Rates of Duty	90
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
		Instruments and apparatus for physical or chemical analysis (for example, polarimeters, refractometers, spectrometers, gas or smoke analysis apparatus); instruments and apparatus for measuring or checking viscosity, porosity, expansion, surface tension or the like; instruments and apparatus for measuring or checking quantities of heat, sound or light (including exposure meters); microtomes; parts and accessories thereof:	Quantity	General		
027.10 027.10.20	00	Gas or smoke analysis apparatus; Electrical	x	1.7%	Free (A,CA,E,IL,J, JO,MX)	40%
027.10.40	00	Other: Optical instruments and apparatus	x	3.5%	Free (A,CA,E,IL,J, JO,MX)	50%
027.10.60	00		x	2.2%	Free (A,CA,E,IL,J, JO,MX)	40%
9027.20 9027.20.50	30 50 60	Gas chromatographs	No. No. No.	Free		40%
9027.20.80	80 30 60 90	Other Gas chromatographs Liquid chromatographs Other	No. No.	Free		40%
9027.30 9027.30.40		Spectrometers, spectrophotometers and spectrographs using optical radiations (ultraviolet, visible, infrared): Electrical		Free		40%
9027.30.80	40 80		No.	Free		50P/
	20	Spectroscopes Other	No. No.			50%
9027.40.00	00	Exposure meters	No	1.2%	Free (A,CA,E,IL,J, JO,MX)	27.5%
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0-26	Cict		Unit		Rates of Duty	
	Stat. Suf-	Article Description	of		Createl	2
SUDHEADING	fix		Quantity	General	Special	
027 con.)		Instruments and apparatus for physical or chemical analysis (for example, polarimeters, refractometers, spectrometers, gas or smoke analysis apparatus); instruments and apparatus for measuring or checking viscosity, porosity, expansion, surface tension or the like; instruments and apparatus for measuring or checking quantities of heat, sound or light (including				
027.50		exposure meters); microtomes; parts and accessories thereof (con.): Other instruments and apparatus using optical		-		
	. ·	radiations (ultraviolet, visible, infrared):	1	Free	1	40%
9027.50.40	15 20 50	Electrical Chemical analysis instruments and apparatus Thermal analysis instruments and apparatus Photometers	No.			
	60	Other		Free		50%
9027.50.80) 15 20 60	Chemical analysis instruments and apparatus Thermal analysis instruments and apparatus Other	. No. . No. . No.			
9027.80 9027.80.2	5 00	Other instruments and apparatus: Nuclear magnetic resonance instruments	. No	. Free		40%
9027.80.4		Other: Electrical Mass spectrometers				40%
	3	Other: Chemical analysis instruments and apparatus	. ×			
	6	apparatus				
	9	Other	X	Free	l	40%
9027.80.8	30 3	Other Chemical analysis instruments and apparatus				
	e	0 Physical analysis instruments and apparatus				
	5	0 Other	×			
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Heading/	Stat.			Unit		Rates of Duty	2
	Suf-		Article Description	of Quantity	General	Special	
	fix	Inotrum	ents and apparatus for physical or chemical				•
027		opolycie	e (for example inderimeters, feffactometers,	1			
on.)		anastra	meters das or smoke analysis apparatus),	1			
		inctrum	conte and apparatus for measuring or checking		1		1
1		uisconi	ty, porosity, expansion, surface tension or the				i
		VISCOSI	struments and apparatus for measuring or			1	1
		iike; ins	ng quantities of heat, sound or light (including	1			
		checkii	re meters); microtomes; parts and accessories	1			1
						1	1
	[thereo	f (con.):		1		
9027.90		l Mic	Crotomes; parts and accessories: Microtomes	No	2.2%	Free (A,CA,E,IL,J,	40%
9027.90.20	00	1	Microtomes	••••••••••		JÒ,MX)	1
	1			1			
			Parts and accessories:	1			1
	1	1	Of electrical instruments and apparatus:				1
9027.90.45	100		Printed circuit assemblies for the goods of		1	4	40%
5021100110	1	1	subheading 9027.80	···[^ ····			
	1	1	-	1	1		
	ł	ľ	Other:	ł			1
9027.90.54	1	Į	Of instruments and apparatus of	ł	1		1
0021.00.04	1	1			1_		40%
			9027.40, 9027.50 or 9027.80		, . Free		4070
	25		Of articles of subbeading		1		1
1	123	'l	9027.20.50	X			
ł	·	1	502, 120,000				
	1		Of articles of subheading	1			
1	30	2	Of articles of subheading 9027.30.40	! x			1
i			9027.30.40			1	1
	1.		Of articles of subheading 9027.4	in Ix		•	1
	4		or	1			ļ
1	5	0	9027.50.40	1x			1
1			9027.50.40	··· ^			
· ·			A .1				
	9	5	Other	··· ^			1
i	1				1.7%	Free (A,CA,E,IL,	J. 40%
9027.90.5	58		Other		••••	JÒ,MX)	
			· · · · · · ·	4		00,000	
	11	0	Of articles of subheading				
			9027.10.20	X		1	1
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	10	95	Other	X			
1	- I.	~[Other:				
			Of optical instruments and		1	ł	
	Í	i.	apparatus:			ļ	1
9027.90.0	~ L		Of instruments and apparatus of				
9027.90.	⁰⁴ ľ	<i>.</i>					50%
1			9027.40, 9027.50 or 9027.80	X	Free	1	50%
1			JUL / . +0, JUL / . UUL / . UUL /				1 000
	<u></u>]	<u></u>	Other			Free (A,CA,E,IL	.,J, 50%
9027.90.	80.	00		l		JÓ,MX)	1
1		1	Other:		1		1
000-00		~~ ¹	Of instruments and apparatus of		1		
9027.90	.84	001	authbooding 0027 20, 9027 30	1	1		1.000
	1	ļ	9027.40, 9027.50 or 9027.80	lx	Free		40%
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		~	Other	i x		Free (A,CA,E,II	., J , 40%
9027.90	.88	00			1	JO,MX)	
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	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	Case-i-1	2
9028	117	Gas, liquid or electricity supply or production meters,	Quantity	General	Special	
020		including calibrating meters thereof; parts and accessories thereof;				
9028.10.00				2 50/	Free (A,CA,E,IL,J, JO,MX)	\$4.50 each + 65%
9028.20.00		Liquid meters		2.5%	Free (Á,CÁ,E,IL,J, JO,MX)	+ 65%
9028.30.00	00	Electricity meters		1 5%	Free (A,CA,E,IL,J, JO,MX)	+ 65%
9028.90.00		Parts and accessories		3.2%	Free (Á,CÁ,E,IL,J, JO,MX)	65%
	40 80	Of electricity meters Other	x X			
9029		Revolution counters, production counters, taximeters, odometers, pedometers and the like; speedometers and tachometers, other than those of heading 9014 or 9015; stroboscopes; parts and accessories thereof:				
9029.10		Revolution counters, production counters, taximeters, odometers, pedometers and the like:				
9029.10.40	00	Taximeters	No	5.3%	Free (A,B,CA,E,IL, J,MX)	85%
9029.10.80 9029.20	00	Other Speedometers and tachometers; stroboscopes:	No	Free	2.6% (JÓ)	35%
9029.20.20	00	Bicycle speedometers	No	6%	Free (A+,CA,D,E, IL,J,MX) 3% (JO)	110%
9029.20.40	40		No.	Free	3% (30)	35%
9029.20.60	80 00	Stroboscopes		16¢ each + 2.5%	Free (A,CA,E,IL,J, JO,MX)	\$4.50 eac + 65%
9029.90 9029.90.20	00	Parts and accessories: Of taximeters	x	5.3%	Free (A,B,CA,E,IL, J,MX)	85%
9029.90.40	00	Of bicycle speedometers	×	6%	2.6% (JÓ) Free (A+,CA,D,E, IL,J,MX)	110%
9029.90.60	00	Of stroboscopes	x	3.2%	3% (JO) Free (A,CA,E,IL,J, JO,MX)	65%
9029.90.80	40		X	Free		35%

<u>1</u>/ See General Note 6.

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	Stat.	A tiole Description	Unit		Rates of Duty	2
	Suf- fix	Article Description	of Quantity	General	Special	2
030	-	Oscilloscopes, spectrum analyzers and other instruments and apparatus for measuring or checking electrical	y			
		quantities, excluding meters of heading 9028; instruments and apparatus for measuring or detecting alpha, beta, gamma, X-ray, cosmic or other ionizing radiations; parts		-		
030.10.00		and accessories thereof: Instruments and apparatus for measuring or detecting ionizing radiations	No	1.6% ·	Free (A,C,CA,E,IL, J,JO,MX)	40%
030.20.00	00	Cathode-ray oscilloscopes and cathode-ray oscillographs	No	1.7%	Free (A,C,CA,E,IL, J,JO,MX)	40%
		Other instruments and apparatus, for measuring or checking voltage, current, resistance or power, without a recording device:				
9030.31.00	00		No	1.7%	Free (A,B,C,CA,E, !L,J,JO,MX)	40%
9030.39.00		Other		1.7%	Free (A,B,C,CA,E, IL,J,JO,MX)	40%
	40	or resistance				
9030.40.00	80 00			Free		40%
9030.82.00	00	Other instruments and apparatus:				40%
9030.83.00		Other, with a recording device	. x	. 1.7%	Free (A,B,C,CA,E,	40%
9030.89.00	1	·	1		IL,J,JO,MX) Free (A,B,C,CA,E, IL,J,JO,MX)	40%
9030.90 9030.90.25		Parts and accessories: For articles of subheading 9030.10: Printed circuit assemblies	. x	. 1.6%	Free (A,C,CA,E,IL	, 40%
9030.90.45					J,JO,MX) Free (A,C,CA,E,IL J,JO,MX)	
9030.90.64	4 00	Other: Printed circuit assemblies: Of instruments and apparatus of subheading 9030.82	. x	. Free	0,00,000	40%
9030.90.6	3 00			1	Free (A,B,C,CA,E	, 40%
9030.90.8	4 0	Other: Of instruments and apparatus of subheading 9030.82	. x ,	. Free		40%
9030.90.8	8	Other			Free (A,B,C,CA,E IL,J,JO,MX)	40%
	2 3 4 5		. X . X . X			· · · ·

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	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of		1	2
0031	112	Measuring or checking instruments, appliances and	Quantity	General	Special	
		machines, not specified or included elsewhere in this		-		
021 10 00	00	chapter; profile projectors; parts and accessories thereof:	V	4 70/		1001
031.10.00	00	Machines for balancing mechanical parts	X	1.7%	Free (A,CA,E,IL,J, JO,MX)	40%
9031.20.00	00	Test benches	х	1.7%	Free (A,CA,E,IL,J,	45%
001 00 00				0 50	JÓ.MX)	
9031.30.00	100	Profile projectors	Χ	2.5%	Free (A,CA,E,IL,J, JO,MX)	45%
9031.41.00		Other optical instruments and appliances: For inspecting semiconductor wafers or devices or for inspecting photomasks or reticles used in manufacturing semiconductor devices		Free	30,100	50%
	20	For inspecting photomasks or reticles used				00/0
		in manufacturing semiconductor devices	No.			ļ
	40	For inspecting semiconductor wafers or devices: For wafers	Ma			
	60					
9031.49		Other:				
9031.49.40 9031.49.70	1		No	3.5%	Free (A,CA,E,IL,J, JO,MX)	50%
3031.43.70		used in manufacturing semiconductor devices;				
		for measuring surface particulate				
	1	contamination on semiconductor devices	No	Free		50%
9031.49.90	00	Other	x	3.5% 1/	Free (A,CA,E,IL,J,	50%
0004 00	1			-	JÒ,MX)	
9031.80 9031.80.40	00	Other instruments, appliances and machines: Electron beam microscopes fitted with equipment specifically designed for the handling and transport of semiconductor wafers or reticles	No	Free		40%
				riee		40%
9031.80.80	2	Other,		1.7% <u>2</u> /	Free (A,B,C,CA,E, IL,J,JO,MX)	40%
9031.90	60 70 85	Other	X			
9031.90.20	00		x	2.5%	Free (A,CA,E,IL,J,	45%
		Of other optical instruments and appliances, other than test benches:			JÓ,MX)	
9031.90.45	5 00	Bases and frames for the		1		l l
		coordinate-measuring machines	~	2 50/		5084
		of subheading 9031.49.40	<u>∧</u>	3.5%	Free (A,CA,E,IL,J, JO,MX)	50%
9031.90.54	4 00		1	· ·		
	1	subheading 9031.41 or 9031.49.70	X	Free		50%
9031.90.58	3 00	Other	x	. 3.5%	Free (A,CA,E,IL,J,	50%
1					JÓ,MX)	1
9031.90.70 9031.90.90		Other: Of articles of subheading 9031.80.40 Other	x	. Free 1.7%	Free (A,B,C,CA,E,	40% 40%
1					IL,J,JÓ,MX)	
Í	30	Of machines for balancing mechanical parts	x			1
			1			1
	60 9:					

i i 1/ See subheading 9902.90.20. 2/ See subheadings 9817.84.01 and 9902.90.20.

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•	Stat.		Unit		Rates of Duty	
Subheading S	Suf- fix	Article Description	of Quantity	General	1 Special	2
032		Automatic regulating or controlling instruments and				
032.10.00		apparatus; parts and accessories thereof: Thermostats		1.7%	Free (A,B,C,CA,E,	10%
032.10.00				1.1 70	IL,J,JO,MX)	40 /0
		For air conditioning, refrigeration or heating systems:				
	30	Designed for wall mounting	No.			
	60	Other	No.		1	
9032.20.00	90	Other	NO	1.7%	Free (A,B,C,CA,E,	35%
					IL,J,JÓ,MX)	
9032.81.00		Other instruments and apparatus: Hydraulic and pneumatic		1.6%	Free (A,B,C,CA,E,	35%
5052.01.00				1.070	IL,J,JO,MX)	0070
	ļ	Industrial process control instruments and				
	20	apparatus: Hydraulic	No.			
	60	Pneumatic	No.			
9032.89	80	Other	No.			
9032.09		Automatic voltage and voltage-current				
		regulators:				
9032.89.20	00	Designed for use in a 6, 12 or 24 V system	x	1.1%	Free (A,B,C,CA,E,	25%
					IL,J,JO,MX)	
9032.89.40	00	Other	X	. 1.7%	Free (A,C,ĆA,É,IL J,JO,MX)	35%
9032.89.60		Other		. 1.7%	Free (A,B,C,CA,E, IL,J,JO,MX)	40%
		Control instruments for air conditioning,			12,0,00,000	
1	1.	refrigeration or heating systems: Complete systems	No			
•	15	Other	X			
		Process control instruments and				
	30	apparatus: Complete systems	No			
	1	Other:				
	40		. No.			
	50	Pressure and draft control instruments	No.			1
	60	Flow and liquid level control	No		1 .	
			1.			
	70					
	8	1		1		
9032.90		Parts and accessories:				
		Of automatic voltage and voltage-current regulators:				
9032.90.20	o l o		. ×	. 1.1%	Free (A,B,C,CA,E	, 25%
9032.90.40	0 0	0 Other	. x	. 1.7%	IL,J,JO,MX) Free (A,C,CA,E,IL	., 35%
9032.90.60		Other		. 1.7%	J,JO,MX) Free (A,B,C,CA,E	. 40%
13032.30.00	1				IL,J,JO,MX)	,
	2					
· ·	4	0 Of instruments and apparatus of subheading	1			1
1	ľ	9032.81	. X		•	
	.	0 Other	1x			
	ľ		'l^	1		1
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	1					1
]		i i i i i i i i i i i i i i i i i i i		1	1	

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Subhaming Suf- the subhaming and accessories (not specified or included 2003.00.00 00 Parts and accessories (not specified or included elsewhere in this chapter) for machines, appliances, instruments or apparatus of chapter 90 X 4.4% Free (A,B,CA,E,IL, 409 J,JO,NO)	lli 32 Heading/	Stat.		Unit		Rates of Duty	
033.00.00 00 Parts and accessories (not specified or included elsewhere in this chapter) for machines, appliances	bheading	Şuf-	Article Description	of Quantity	General	1	2
	33.00.00	00	Parts and accessories (not specified or included elsewhere in this chapter) for machines, appliances, instruments or apparatus of chapter 90				40%
				-			
			· · ·				

Harmonized Tariff Schedule of the United States (2002) (Rev. 4)

Annotated for Statistical Reporting Purposes

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

XVI 85-1

<u>Notes</u>

- 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; or
 - (c) 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. Heading 8509 covers only the following electromechanical machines of the kind commonly used for domestic purposes:
 - (a) Vacuum cleaners, including dry and wet vacuum cleaners, floor polishers, food grinders, processors or 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).

4. For the purposes of heading 8534 "<u>printed circuits</u>" 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 "<u>printed circuits</u>" 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.

- 5. For the purposes of headings 8541 and 8542:
 - (a) "<u>Diodes, transistors and similar semiconductor devices</u>" are semiconductor devices the operation of which depends on variations in resistivity on the application of an electric field;
 - (b) "Electronic integrated circuits and microassemblies" are:
 - Monolithic integrated circuits in which the circuit elements (diodes, transistors, resistors, capacitors, interconnections, etc.) are created in the mass (essentially) and on the surface of a semiconductor material (doped silicon, for example) and are inseparably associated;
 - Hybrid integrated circuits in which passive elements (resistors, capacitors, interconnections, 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, on a single insulating substrate (glass, ceramic, etc.). These circuits may also include discrete components;
 - (iii) Microassemblies of the molded module, micromodule or similar types, consisting of discrete, active or both active and passive, components which are combined and interconnected.

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

Harmonized Tariff Schedule of the United States (2002) (Rev. 4)

Annotated for Statistical Reporting Purposes

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Notes (con.)

 Records, tapes and other media of heading 8523 or 8524 remain classified in those headings when entered with the apparatus for which they are intended.

This note does not apply to such media when they are entered with articles other than the apparatus for which they are intended.

For the purposes of this note, the term "apparatus for which they are intended" refers to apparatus which reads or plays the media or which records or writes on the media.

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

Subheading Note

- Subheadings 8519.92 and 8527.12 cover 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.
- 2. For the purposes of subheading 8542.10, the term "smart cards" means cards which have embedded in them an electronic integrated circuit (microprocessor) of any type in the form of a chip and which may or may not have a magnetic stripe.

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.
- For the purposes of heading 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 8529.90.03, 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 8529.90.03, 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.
- For the purposes of additional U.S. note 5 above the term "<u>complete television receivers</u>" means television receivers, fully assembled in their cabinets, whether or not packaged or tested for distribution to the ultimate purchaser(s).

Annotated for Statistical Reporting Purposes

Additional U.S. Notes (con.)

XVI 85-3

- 7. Subheading 8517.90.04 covers the following parts of facsimile machines:
 - (a) Control or command assemblies, incorporating more than one of the following: printed circuit assembly, modem, hard or flexible (floppy) disk drive, keyboard, user interface;
 - (b) Optics module assemblies, incorporating more than one of the following: optics lamp, charge couples device and appropriate optics, lenses, mirrors;
 - (c) Laser imaging assemblies, incorporating more than one of the following: photoreceptor belt or cylinder, toner receptacle unit, toner developing unit, charge/discharge units, cleaning unit;
 - (d) Ink jet marking assemblies, incorporating more than one of the following: thermal print head, ink dispensing unit, nozzle and reservoir unit, ink heater;
 - (e) Thermal transfer imaging assemblies, incorporating more than one of the following: thermal print head, cleaning unit, supply or take-up roller;
 - (f) lonographic imaging assemblies, incorporating more than one of the following: ion generation and emitting unit, air assist unit, printed circuit assembly, charge receptor belt or cylinder, toner receptacle unit, toner distribution unit, developing unit, charge/discharge unit, cleaning unit;
 - (g) Image fixing assemblies, incorporating more than one of the following: fuser, pressure roller, heating elements, release oil dispenser, cleaning unit, electrical control;
 - (h) Paper handling assemblies, incorporating more than one of the following: paper transport belt, roller, print bar, carriage, gripper roller, paper storage unit, exit tray; and
 - (ij) Combinations of the above specified assemblies.
- 8. 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.
- 9. 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.
- 10. 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;
 - (c) Synchronizing and deflection circuitry;
 - (d) Tuners and tuner control systems; and
 - (e) Audio detection and amplification systems.
- 11. 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.

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Additional U.S. Notes (con.)

- 12. For the purposes of subheading 8538.90.10, the expression "articles described in additional U.S. note 12 to chapter 85" means any of the following goods: spin dryers of subheading 8421.19.30; deflash machines of subheading 8424.30 for cleaning or removing contaminants from the metal leads of semiconductor packages prior to electroplating (deflash by projectile beads); spraying appliances of subheading 8424.89.30; machines or appliances of subheading 8424.89.50; automated machinery of subheading 8428.20, 8428.33, 8428.39 or 8428.90 for transport, handling and storage of semiconductor wafers, wafer cassettes, wafer boxes and other materials for semiconductor devices; machines of subheading 8456.10.60; machines of subheading 8456.91; machines of subheading 8456.99.10; machines of subheading 8456.99.70; machines of subheading 8462.21.40 or 8462.29.40; machines of subheading 8464.10 for sawing monocrystal semiconductor boules into slices, or wafers into chips; machines of subheading 8464.20.10; machines of subheading 8464.90.10 or 8464.90.60; deflash machines of subheading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8465.99.40; articles of subheading 8469.11, heading 8470 or heading 8470 or heading 8470 or heading 8465.99.40; articles 0.477, 40 articles 0.4 8471; automatic teller machines of subheading 8472.90.10; machines of subheading 8477.10.70, 8477.40.40 or 8477.59.40; machines of subheading 8479.89.85 for processing of semiconductor materials or for production and assembly of diodes, transistors and similar semiconductor devices and electronic integrated circuits; machines of subheading 8479.89.87; furnaces and ovens of subheading 8514.10 or 8514.20 for the manufacture of semiconductor devices on semiconductor wafers; furnaces and ovens of subheading 8514.30.60; die attach apparatus, tape automated bonders and wire bonders of subheading 8515.80 for assembly of semiconductors; articles of heading 8517; articles of subheading 8520.20; transmission apparatus of subheading 8525.10.10 or 8525.10.90; articles of subheading 8525.20; digital still image video cameras of subheading 8525.40.40; article of subheading 8527.90.40; paging receivers of subheading 8527.20.20; the table table articles of subheading 8525.40.40; articles of subheading 8527.90.40; paging receivers of subheading 8525.40.40; articles of subheading 8527.90.40; paging receivers of subheading 8525.40.40; articles of subheading 8527.90.40; paging receivers of subheading 8525.40.40; articles of subheading 8527.90.40; paging receivers of subheading 8525.40.40; articles of subheading 8527.90.40; paging receivers of subheading 8527.90.40; paging receivers of subheading 8527.90.40; articles of subheading 8527.90.40; paging receivers of subheading 8527.90.40; articles of subheading 8527.90.40; paging receivers of subheading 8527.90.40; articles of subheading 8527.90. subheading 6525,20, digital shit image video carrieras of subheading 6525,40,40, and e of subheading 6527,50,40, paging receivers of subheading 8543,89,10; articles of subheading 8543,89,92; photocopying apparatus of subheading 9009,11 or 9009,21; apparatus of subheading 8543,89,10; articles of subheading 8543,89,92; photocopying apparatus of subheading 9009,11 or 9009,21; apparatus of subheading 9010.41, 9010.42 or 9010.49; apparatus of subheading 9010.50.60 for the projection or drawing of circuit patterns on flat panel displays; plotters of subheading 9017.10.40 or 9017.20.70; pattern generating apparatus of subheading 9017.20.50; instruments and apparatus of heading 9026; instruments and apparatus of heading 9027 except of subheading 9027.10, 9027.40 or 9027.90.20; instruments and apparatus of subheading 9030.42; 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.
- 13. For the purposes of subheading 8527.90.86, 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

- For the purposes of this chapter the terms "AM" and "FM" refer to the entertainment broadcast bands of 550-1650 kHz and 88-108 MHz, 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.
- 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 under subheadings 8525.10.70, 8525.10.90, 8525.20.30 and 8527.90.95, the lowest operating frequency will determine the classification.

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Statistical Notes (con.)

XVI 85-5

- 5. For statistical reporting purposes in heading 8542 the following definitions will apply:
 - (a) The term "<u>static read-write random access (SRAM</u>)" 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 "<u>dynamic read-write random access (DRAM)</u>" 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 "<u>electrically erasable programmable read-only memory (EEPROM)</u>" 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.
 - (f) The term "microprocessor" refers to a central processing unit (CPU) fabricated as a monolithic integrated circuit.
 - (g) The term "<u>kilobit</u>" refers to 1,024 bits of data storage capacity and the term "<u>megabit</u>" refers to 1,024 kilobits of data storage
- 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.

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XVI 85-6 Heading

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Subheading	Stat. Suf-	Article Description	Unit of		Rates of Duty	
8501	fix			General	1Special	2
8501.10		Electric motors and generators (excluding generating sets): Motors of an output not exceeding 37.5 W: Of under 18.65 W:			opedia	·
3501.10.20	00	Synchronous, valued not over \$4 each	No	6.7%	Free (A,B,CA,E,IL,	90%
3501.10.40		Other		4.4%	J,MX) 3.3% (JO) Free (A,B,CA,E,IL,	350/
	20	AC DC:	No.		J,JO,MX)	3576
2504 40 00	40 60 80	Brushless Other Other	Na			
3501.10.60		Of 18.65 W or more but not exceeding 37.5 W		2.8%	Free (A,B,CA,E,IL,	959/
	20	AC DC:	No.		J,JO,MX)	35%
	40 60 80	Brushless Other	NI			
501.20		Other Universal AC/DC motors of an output exceeding 37.5 W;	No.]		
501.20.20 501.20.40		Exceeding 37.5 W but not exceeding 74.6 W			Free (A,B,CA,E,IL,	35%
501.20.40		Exceeding 74.6 W but not exceeding 735 W			J,JO,MX) Free (A,B,CA,E,IL, J,JO,MX)	
501.20.60		Exceeding 735 W but under 746 W			Free (A,B,C,CA,E, IL,J,JO,MX)	35%
501.31		Other Other DC motors; DC generators: Of an output not exceeding 750 W:	No	2.4%	Free (A,B,C,CA,E, IL,J,JO,MX)	35%
501.31.20	00	Motors: Exceeding 37.5 W but not exceeding	·			
501.31.40	00	74.6 W			Free (A,B,CA,E,IL, ; J,JO,MX)	35%
501.31.50	00	/35 W			Free (A,B,CA,E,IL, ; J,JO,MX)	35%
501.31.60		Exceeding 735 W but under 746 W			Free (A,B,C,CA,E, S IL,J,JO,MX)	
501.31.80	00	Generators	VO	2.5%	Free (Á,B,Ć,ĆÁ,E, IL,J,JO,MX) Free (A,B,Ć,ĆA,E,	
Ē					IL,J,JO,MX)	50%
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-	Stat.	· · · · ·	Unit	····	Rates of Duty	85-7
Subheading	Suf-	Article Description	of	·····	1	2
8501	fix		Quantity	General	Special	
(con.)		Electric motors and generators (excluding generating sets) (con.):				
		Other DC motors; DC generators (con.):				
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,B,C,CA,E,	35%
		Other:			IL,J,JO,MX)	
8501.32.45	00	Electric motors of a kind used as the		-]
į		primary source of mechanical power for electrically powered vehicles of				
		subheading 8703.90	No	Free		35%
8501.32.55						
0001.02.00	20	Other For use in civil aircraft <u>1</u> /	No.	Free		35%
	40	Other	No.			
8501.32.60	00	Generators	No	2%	Free (A,B,C,CA,E,	35%
8501.33		Of an output exceeding 75 kW but not exceeding			IL,J,JO,MX)	
		375 kW:				
8501.33.20		Motors:]	.		
0001.00.20	40	Exceeding 75 kW but under 149.2 kW For use in civil aircraft <u>1</u> /	Nn.	Free		35%
	80	Other	No.			
8501.33.30	00	149.2 kW or more but not exceeding 150 kW	Na	0.00/		0.50/
				2.0%	Free (A,C,CA,E,IL, J,JO,MX)	35%
8501.33.40		Other		2.8%	Free (A,CA,E,IL,J,	35%
	40	Not exceeding 373 kW	No		JO,MX)	
	60	Other	No.	1		
8501.33.60	00	Generators	No	2.5%	Free (A,B,C,CA,E,	35%
8501.34		Of an output exceeding 375 kW:			IL,J,JÓ,MX)	
8501.34.30	00	Motors	No	2.8%	Free (A,CA,E,IL,J,	35%
8501.34.60	0	Generators			JÓ,MX)	
0001.04.00	100		NO	2%	Free (A,B,Č,CA,E, IL,J,JO,MX)	35%
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Subheading 8501 (con.) 8501.40 8501.40.20	Suf- fix	Article Description Electric motors and generators (excluding generating	of		Rates of Duty	
(con.) 8501,40		Electric motors and served to the				2
8501,40	- E	Liceute motors and generators (excluding generating	Quantity	General	Special	
2		sets) (con.): Other AC motors, single-phase: Of an output exceeding 37.5 W but not exceeding 74.6 W				
8501.40.40	20 40	Gear motors . Other Of an output exceeding 74.6 W but not exceeding 735 W .	· · ·	. 3.3%	Free (A,B,CA,E,IL, J,JO,MX)	35%
8501.40.50	20 40	Gear motors		4%	Free (A,B,CA,E,IL, J,JO,MX)	35%
8501.40.60	20 40	Gear motors	No.	3.3%	Free (A,B,C,CA,E, IL,J,JO,MX)	35%
	20 40	Gear motors	• • • • • • • • • • •	3.7%	Free (A,B,C,CA,E, IL,J,JO,MX)	35%
8501.51 8501.51.20		Of an output not exceeding 750 W: Exceeding 37.5 W but not exceeding 74.6 W		2.5%	Free (A,B,CA,E,IL,	35%
8501.51,40	20 40	Gear motors Other Exceeding 74.6 W but not exceeding 735 W		2.5%	J,JO,MX)	
8501.51.50	20 40	Gear motors Other Exceeding 735 W but under 746 W	N		Free (A,B,CA,E,IL, J,JO,MX)	
8501.51.60	20 40	Gear motors Other Other	No.	3.3%	Free (A,B,C,CA,E, IL,J,JO,MX)	35%
3501.52	20 40	Gear motors		2.5%	Free (A,B,C,CA,E, IL,J,JO,MX)	35%
3501.52.40	00	75 kW: Exceeding 750 W but not exceeding 14.92 kW	No	3 70/		
	20 40	Other	No.	Free	IL,J,JO,MX)	5% 5%
	40 80	Of an output exceeding 75 kW: Exceeding 75 kW but under 149.2 kW For use in civil aircraft 1/		Free	3	5%
501.53.60 501.53.80	00	149.2 kW or more but not exceeding 150 kW . N	lo. lo	4.2%	Free (A,C,CA,E,IL, 3	5%
	40 60	OtherNot exceeding 373 kWNot exceeding 373 kWN		2.8%	J,JO,MX) Free (A,CA,E,IL,J, JO,MX)	5%
1/ See Gene			u.			

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ubheading	Suf-	Article Description	Unit		Rates of Duty		
_	fix		of Quantity	General	Special	2	
501		Electric motors and generators (excluding generating					
on.)		AC generators (alternators):					
501.61.00	00	Of an output not exceeding 75 kVA	NIn	0.5%			
			1 10	2.0%	Free (A,B,C,CA,E, IL,J,JO,MX)	35%	
01.62.00	00	Of an output exceeding 75 kVA but			IL,0,00,1V(X)		
		not exceeding 375 kVA	No	2.5%	Free (A,B,C,CA,E,	35%	
01.63.00	00	Of an output exceeding 375 kVA but			IL,J,JO,MX)		
		not exceeding 750 kVA	No.	2.5%	Free (A,B,C,CA,E,	250/	
01.04.00					· IL,J,JO,MX)	3370	
01. 6 4.00		Of an output exceeding 750 kVA		2.4%	Free (A,B,CA,E,IL,	35%	
	20	Exceeding 750 kVA but not exceeding			J,ĴÓ,MX)	1	
		10,000 kVA	No.				
			ł				
	30	Exceeding 10,000 kVA but not exceeding 40,000 kVA	1			1	
		40,000 KVA	NO.		r.		
	50	Other	No.		, i	ŀ .	
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Subheading	Suf- fix	Article Doogstatt	Unit	T		Rates of Duty		
3502		1	of			Nales of Duty		
		Electric generating sets and rotary converters: Generating sets with compression-ignition internal combustion piston engines (diesel or semi-diese) engines):	Quantity		General	Special		2
3502.11.00 502.12.00		Of an output not exceeding 75 kVA	. No	. 2.5	%			
		375 kVA	No		n/	Free (A,B,C,CA,E, IL,J,JO,MX)		
502.13.00	20	Exceeding 375 kVA		. 2%	70 .	Free (A,B,C,CA,E, IL,J,JO,MX) Free (A,B,C,CA,E, IL,J,JO,MX)		
502.20.00	40	Exceeding 1,000 kVA Exceeding 1,000 kVA Generating sets with spark-ignition internal combustion piston engines	Na					
	30 60	Of an output under 1.5 kW Of an output 1.5 kW or greater but not exceeding 5 kW	No	. 2%		Free (A,B,C,CA,E, IL,J,JO,MX)	35%	
02.31.00		Of an output exceeding 5 kW Other generating sets: Wind-powered	No					
02.39.00 02.40.00		Other	No	0 50/		Free (A,B,C,CA, E,IL,J,JO,MX)	35%	
03.00		Electric rotary converters	No	3%		Free (A,B,C,CA, E,IL,J,JO,MX) Free (A,B,C,CA,E,	35% 35%	
)3.00.20	о 20	arts suitable for use solely or principally with the achines of heading 8501 or 8502: Commutators	٥	2.4%		IL,J,JO,MX)		
3.00.35	00	Stators and rotors for the goods of heading 8501: For motors of under 18.65 WX				Free (A,B,CA,E,IL, J,JO,MX)		
3.00.45 (3.00.65 (0	For generators suitable for use on aircraftX				Free (A,B,CA,E,IL, 9 J,MX) 3.2% (JO)	0% 5%	
3.00.75 0	0	Other: For motors of under 18.65 WX				IL,J,JO,MX)	5%	
3.00.90 0 3.00.95	0	For generators suitable for			1	Free (A,B,CA,E,IL, J,MX) 3.2% (JO)	0%	
20 45 60	5	Other X Parts of motors X Parts of generators X Other X X X		%		Free (A,B,CA,E,IL, J,JO,MX)	5% 5%	

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8504 8504.10.00 8504.21.00		Article Description	of Quantity	<u> </u>	1	2
8504.10.00 8504.21.00		Floatrical transformers to the	- UUZDUIV		Oriential	- ~
8504.21.00		Electrical transformers, static converters (for example,	accentity	Genera!	Special	<u> </u>
8504.21.00	1.11.1.1	rectifiers) and inductors; parts thereof: Ballasts for discharge lamps or				
	Ĩ	tubes	N-	0.00		
			No	3%	Free (A,B,C,CA,E,	35%
		Liquid dielectric transformers:		[IL,J,JO,MX)	
		Having a power handling capacity not exceeding 650 kVA	1	1_		1
	20	Having a power handling capacity not	• • • • • • • • • •	Free		35%
		exceeding 50 kVA	No.			
1	40	Having a power handling capacity exceeding			,	
		50 kVA but not exceeding 100 kVA	No.			
	60		110.			
Í	00	Having a power handling capacity exceeding 100 kVA but not exceeding 500 kVA				
	Í		No.	ļ		1
	80	Having a power handling capacity exceeding				
8504.22.00		500 KVA but not exceeding 650 kVA	No.			
		Having a power handling capacity exceeding 650 kVA but not exceeding 10,000 kVA		-		
	40	Having a power handling capacity exceeding		Free		35% -
		650 kVA but not exceeding 2,500 kVA	No.		1	
	80	Having a power handling capacity exceeding				
		2,500 KVA but not exceeding 10 000 kVA	No.			
8504.23.00	ł	Having a power handling capacity exceeding				
		10,000 kVA	• • • • • • • • • •	1.6%	Free (A,CA,E,IL,J,	35%
	40	Having a power handling capacity exceeding			JÓ,MX)	
			No.			
	80	Having a power handling capacity exceeding		i -	1	1
		100,000 kVA	No.			
8504.31		Uther transformers:	140.			
.004.01		Having a power handling capacity not exceeding 1 kVA:				
3504.31.20	00		No	Eres		
3504.31.40		Other:	NO	Fiee		35%
3004.31.40		Having a power handling capacity less				
		than 1 kVA	• • • • • • • • • •	6.6%	Free (A,B,C,CA,E,	35%
	35				IL,J,MX) 3.3% (JO)	
	30	Having a power handling capacity			0.078 (00)	
		less than 40 VA	No,			
1	65	Having a power handling capacity				
3504.31.60	00	40 VA or greater	No.			
		Having a power handling capacity of 1 kVA	No	4 00/		
3504,32.00			NO	1.6%	Free (A,B,C,CA,E, IL,J,JO,MX)	35%
004.32.00	00	Having a power handling capacity exceeding			12,0,00,1VIX)	
			No	2.4%	Free (A,B,C,CA,E,	35%
3504.33.00	-	Having a power handling capacity exceeding			IL,J,JO,MX)	
·		16 kVA but not exceeding 500 kVA		1.6%	Free (A,B,C,CA,E,	35%
2	20	Having a power handling capacity exceeding		•	IL,J,JO,MX)	,,
			No.			
	40					
l î		Having a power handling capacity exceeding 50 kVA but not exceeding 500 kVA	NI-			
3504.34.00	00	naving a power bandling capacity exceeding				
		500 kVA	No	1.6%	Free (A,B,CA,E,IL,	35%
[J,JO,MX)	0070

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3504	Suf-	Article Description	Unit of		Rates of Duty	
	fix	· · · · · · · · · · · · · · · · · · ·	Quantity	General	1	2
con.) 3504.40 3504.40.40	00	Electrical transformers, static converters (for example, rectifiers) and inductors; parts thereof (con.): Static converters: Speed drive controllers for electric motors			Special	
504.40.60		Power supplies for automatic data processing machines or units thereof of heading 8471: Suitable for physical incorporation into automatic data processing machines or units	No	. 1.5%	Free (A,B,C,CA,E, IL,J,JO,MX)	35%
1:	01 07	thereof of heading 8471	1	. Free		35%
	12	but not exceeding 150 W				
504.40.70	18	but not exceeding 500 W	4			
	01 07	Other With a power output not exceeding 50 W With a power output exceeding 50 W but not exceeding 150 W		. Free		35%
	12	With a power output exceeding 150 W but not exceeding 500 W	No.			
504.40.85 504.40.95	18 00	Other For telecommunication apparatus Other		Free 1.5%	Free (A,B,C,CA,E,	35% 35%
	10	Rectifiers and rectifying apparatus: Power supplies: With a power output not exceeding			IL,J,JO,MX)	0076
:	20	With a power output exceeding 50 W	No. No.			
	30	With a power output exceeding 150 W but not exceeding 500 W				
57	40 50 70	Other Other Inverters	No. X			
504.50 504.50.40	80 00	Other inductors: For power supplies for automatic data processing machines and units thereof of beading 8474, for	X			
04.50.80 0	50	telecommunication apparatus	No No	Free 3%		35% 35%

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Subheading		Article Description	Unit		Rates of Duty	8
	fix		Quantity	General	1	2
504		Electrical transformers, static converters (for example,	quantity	General	Special	
on.) 504.90		(con)				
504.90		Pans:				
		Of power supplies for automatic data processing				
504.90.20	00	Indennies of units thereof of heading \$471.	1			
504.90.40	200	Frinted circuit assemblies	No	Free		0.52/
507.30.40	00	Other	X	Free		35%
						35%
504.90.65	nn	Printed circuit assemblies:				
	00	Of the goods of subheading 8504.40 or		· · · ·		1
		8504.50 for telecommunication apparatus	No	Free		35%
504.90.75	00	Other		j –	1	0070
1		Other	No	2.4%	Free (A,B,CA,E,IL,	35%
504.90.95		Other			J.JO.MX)	
			•••••••	2.4%	Free (A,B,CA,E,IL,	35%
		Ferrites:			J,JO,MX)	
	10	For transformers	Na			
	30	Other	NO.			
	40	Of transformers	x			
	50					
	90	Other	Ŷ			
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	Stat. Suf-	Article Description	Unit		Rates of Duty	
	fix		or Quantity	General	Speciał	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				
8505.11.00	00	become permanent magnets after magnetization: Of metal	No	2.1%	Free (A,B,CA,E,IL,	45%
8505.19.00		Other		4.9%	J,JO,MX) Free (A,CA,E,IL,J,	
8505.20.00	40 80	Flexible Other Electromagnetic couplings, clutches and brakes	No		JO,MX)	
8505.30.00		Electromagnetic lifting heads			Free (A,B,CA,E,IL, J,JO,MX)	
8505.90 8505.90.40	00	Other, including parts: Work holders and parts thereof				35% 30%
8505.90.80	00	Othe r	â	1.3%	Free (A,B,CA,E,IL, J,JO,MX)	35%
8506 8506.10.00 8506.30	00	Primary cells and primary batteries; parts thereof: Manganese dioxide	No	2.7%	Free (A,CA,E,IL,J, JO,MX)	35%
8506.30.10	00		No	2.7%	Free (A,CA,E,	35%
8506.30.50	00	Other	No	2.7%	IL,J,JO,MX) Free (A,CA,E,IL,J, JO,MX)	35% ·
8506.40 8506.40.10	00	Silver oxide: Having an external volume not exceeding 300 cm³ .	No	2.7%	Free (A,CA,E, IL,J,JO,MX)	35% <u></u>
8506.40.50					Free (A,CA,E,IL,J, JO,MX)	35%
8506.50.00			t.		Free (A,CA,E,IL,J, JO,MX)	35%
8506.60.00					Free (A,CA,E,IL,J, JO,MX)	35%
8506.80.00 8506.90.00			1		Free (Á,CÁ,E,IL,J, JÓ,MX)	
6506.90.00		Parts	X	2.7%	Free (Á,CÁ,E,IL,J, JO,MX)	35%
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Submetary Euch Article Description of Cuentity 507 Electric storage batteries, including separators therefor, whethere or not rectangular (including sequare); parts therefor, starting piston engines Special Special 2 507.10.00 Electric storage batteries, of a kind used for 3.5% Free (A,B,C,C,A,E, 40% 30 12 V batteries: No. kg 30 Not excreeding 6 kg in weight No. 60 Exceeding 6 kg in weight No. 90 Other No	. –	Stat.		Unit	T	Rates of Duty		85
1567 Electric storage batteries, including separators therefor, whether or not rectangular (including sequare); parts thereof starting platfor engines Special 1507.10.00 Electric storage batteries, of a kind used for starting platfor engines 3.5% Free (A,B,C,CA,E, IL,J,JO,MX) 40% 12 V batteries: Not exceeding 6 kg in weight No. kg No. kg No. kg 3.5% Free (A,B,CA,E,IL, IL,J,IO,MX) 40% 507.20.40 00 Other Other and used as the primary source of electrical power for electrically powerd vehicles of subheading 8703.90 No. kg 3.5% Free (A,B,CA,E,IL, J,JO,MX) 40% 507.20.40 00 Other No. subheading 8703.90 No. kg 3.5% Free (A,B,CA,E,IL, J,JO,MX) 40% 507.20.80 Other No. kg 3.5% Free (A,B,CA,E,IL, J,JO,MX) 40% 507.30.40 00 Other No. kg No. kg 10 Sealed No. kg 12, V batteries No. kg 12, J,JO,MX) 40% 12, V batteries No. kg 12, J,JO,MX) 40% 12, V batteries No. kg 12, J,JO,MX) 40% 12, V batteries No. kg 12, J	Subvesquug	1	Article Description	of			<u> </u>	2
507.10.00 whether or not reducing superflows therefor, starting piston engines 3.5% Free (A,B,C,CA,E, IL,J,JO,MX) 507.10.00 12 V batteries: Not exceeding 6 kg in weight No. No. 507.20 00 Other No. 507.20.40 00 Other iead-acid storage batteries: Of a kind used as the primary source of electrical power for electrically power develoces of subheading 8703.80 No. 3.5% Free (A,B,C,CA,E, IL,J,O,MX) 507.20.40 00 Other No. No. 3.5% 507.20.40 Other Southeading 8703.80 No. 3.5% Free (A,B,CA,E,IL, J,JO,MX) 507.20.80 Other Southeading 8703.80 No. 3.5% Free (A,B,CA,E,IL, J,JO,MX) 507.30.80 Other No. Son 3.5% Free (A,B,CA,E,IL, J,JO,MX) 40% 507.30.80 Other No. 2.5% Free (A,B,CA,E,IL, J,JO,MX) 40% 507.30.80 Other Southeading 8703.90 No. 2.5% Free (A,B,CA,E,IL, J,JO,MX) 507.40 No Seeled No. 3.4% Free (A,B,CA,E,IL, J,JO,MX) <td>507</td> <td><u> "``</u></td> <td>Electric storage holization to the t</td> <td>Quantity</td> <td>General</td> <td>Special</td> <td>1</td> <td>2</td>	507	<u> "``</u>	Electric storage holization to the t	Quantity	General	Special	1	2
30 12 V batteries: Not exceeding 6 kg in weight No. kg kg No. kg No. kg No. kg No. kg 507.20 00 Other isolad as the primary source of electrical power for electrical power of velicits of subheading 8703.80 No. kg 3.5% Free (A,B,C,A,E,IL, J,J,O,MX) 40% 507.20.40 Other isolad as the primary source of electrical power for electrical power of velicits of subheading 8703.80 No. kg 3.5% Free (A,B,C,A,E,IL, J,J,O,MX) 40% 507.20.60 Other No. subheading 8703.80 No. kg 3.5% Free (A,B,C,A,E,IL, J,J,O,MX) 40% 507.30.60 Other No. subheading 8703.90 No. kg 3.5% Free (A,B,C,A,E,IL, J,J,O,MX) 40% 507.30.40 Other Sealed No. No. Subheading 8703.90 No. Other 2.5% Free (A,B,C,A,E,IL, J,O,MX) 40% 507.40.40 Other Sealed No. Other 3.4% Free (A,B,C,A,E,IL, J,J,O,MX) 40% 507.40.40 Other No. Subheading 8703.90 No. Subheading 8703.90 No. Subheading 8703.90 No. Subheading 8703.90 No. Subheading 8703.90 No. Subheading 8703.90 No. Subhea			Lead-acid storage batteries of a kind used for		3.5%	Free (A,B,C,CA,E,	40%	
60 Exceeding 6 kg in weight kg No. kg 507.20. 00 Other		30	12 V batteries: Not exceeding 6 kg in weight	No.		IL,J,JO,MX)		
S0 Onter No. No. 507.20 00 Other lead-acid storage batteries: Of a kind used as the primary source of electrical power for electrically powered vehicles of subheading 8703.90 No. 3.5% Free (A,B,CA,E,IL, J_J,O,MX) 40% 507.20.40 00 6 V batteries No. 3.5% Free (A,B,CA,E,IL, J_J,O,MX) 40% 30 6 V batteries No. kg 3.5% Free (A,B,CA,E,IL, J_JO,MX) 40% 40 12 V batteries No. kg No. kg No. 60 36 V batteries No. kg No. kg No. 507.30.40 00 Other Other No. kg No. kg 507.30.40 00 Other Sealed No. kg No. 2.5% Free (A,B,CA,E,IL, J_JO,MX) 40% 507.30.40 00 Other Sealed No. 2.5% Free (A,B,CA,E,IL, J_JO,MX) 40% 507.40.40 00 Other Other storage batteries: No. 3.4%			Exceeding 6 kg in weight	kg No.				
207.20.40 00 Outer field-acid storage batteries: Of a kind used as the primary source of electrical power for electrically powered vehicles of subheading 8703.90 No. 3.5% Free (A,B,CA,E,IL, J_JO,MX) 40% 30 6 V batteries No. kg 3.5% Free (A,B,CA,E,IL, J_JO,MX) 40% 40 12 V batteries No. kg No. kg No. 507.30.40 00 Other Cher kg No. kg 507.30.40 00 Other Other kg No. kg 507.30.40 00 Other Other kg No. kg 507.30.40 00 Other Other No. 2.5% Free (A,B,CA,E,IL, J,UO,MX) 40% 507.40.40 00 Other No. 2.5% Free (A,B,CA,E,IL, J,UO,MX) 40% 507.40.40 00 Other No. 3.4% Free (A,B,CA,E,IL, J,UO,MX) 40% 507.40.40 00 Other Other No. 3.4% Free (A,B,CA,E,IL, J,UO,MX) 40% 507.80.60 Other Other No. 3.4	E07 00	90		No.				
S07.20.80 Other kg J.JO.MX) Interpretation 30 6 V batteries No. 3.5% Free (A,B,C,C,A,E, 40% 40 12 V batteries No. kg No. 60 36 V batteries No. kg 90 Other No. kg 507.30.40 OQ Other No. 10 Sealed No. kg 10 Sealed No. 2.5% 10 Sealed No. No. 10 Sealed No. No. 10 Sealed No. No. 507.40.40 O Other No. 3.4% 507.80 Other No. 3.4% Free (A,B,C,A,E,IL, 40% 507.80.40		00	Of a kind used as the primary source of electrical power for electrically powered vehicles of		3.5%		109/	
30 6 V batteries No. No. <t< td=""><td>507.20.80</td><td></td><td>Other</td><td>kg</td><td>3.5%</td><td>J,JO,MX)</td><td></td><td></td></t<>	507.20.80		Other	kg	3.5%	J,JO,MX)		
40 12.V batteries No.		30				IL,J,JO,MX)	+0 /0	
OU 36 V batteries No. 90 Other No. 507.30 Other No. 507.30 Nickel-cadmium storage batteries: No. 507.30.40 Other Stand used as the primary source of electrical power for electr		40	12 V batteries	No.				
S0 Other No. 507.30 00 Nickel-cadmium storage batteries: Of a kind used as the primary source of electrical power for electrically powered vehicles of subheading 8703.90 No. 2.5% Free (A,B,CA,E,IL, J,JO,MX) 40% 507.30.80 Other No. 2.5% Free (A,B,CA,E,IL, J,JO,MX) 40% 507.30.80 Other No. 2.5% Free (A,B,CA,E,IL, J,JO,MX) 40% 507.40 00 Sealed No. 2.5% Free (A,B,CA,E,IL, J,JO,MX) 40% 507.40 00 Other No. No. No. No. 507.40.80 00 Other Other No. 3.4% Free (A,B,CA,E,IL, J,JO,MX) 40% 507.40.80 00 Other No. 3.4% Free (A,B,CA,E,IL, J,O,MX) 40% 507.80 00 Other No. 3.4% Free (A,B,CA,E,IL, J,O,MX) 40% 507.80.80 00 Other No. 3.4% Free (A,B,CA,E,IL, J,O,MX) 40% 507.90 00 Other No. <td></td> <td></td> <td></td> <td>No.</td> <td></td> <td></td> <td></td> <td></td>				No.				
Nickel-cadmium storage batteries: Of a kind used as the primary source of electrical power for electrically powered vehicles of subheading 8703.90 No. 2.5% Free (A,B,CA,E,IL, 40% 507.30.40 Other 2.5% Free (A,B,CA,E,IL, 40% 507.30.80 Other 2.5% Free (A,B,CA,E,IL, 40% 10 Sealed No. 2.5% Free (A,B,CA,E,IL, 40% 10 Sealed No. No. No. 507.40 Other No. No. No. 507.40 Other Other No. No. 507.40 Nickel-iron storage batteries: Of a kind used as the primary source of electrical power for electrically powered vehicles of subheading 8703.90 No. 3.4% 507.80 Other Other storage batteries: No. 3.4% Free (A,B,CA,E,IL, 40% 507.80.40 Of a kind used as the primary source of electrical power for electrically powered vehicles of subheading 8703.90 No. 3.4% Free (A,B,CA,E,IL, 40% 507.80.40 Of ther Other No. 3.4% Free (A,B,C,CA,E, IL, 40% 507.90 Other Other No. 3.4% Free (A,B,C,CA,E, IL, 40%	507.00	90		No.				
507.30.80 Other J,JO,MX IOX 10 Sealed No. No. Sealed 40% 507.40 Other Other No. No. No. 507.40 Other Other No. No. No. 507.40 Other Other No. No. No. 507.40.40 O Nickel-iron storage batteries: Of a kind used as the primary source of electrical power for electrically powered vehicles of subheading 8703.90 No. 3.4% Free (A,B,C,C,A,E, IL, J,JO,MX) 40% 507.80 Other Other storage batteries: No. 3.4% Free (A,B,C,C,A,E, IL, J,JO,MX) 40% 507.80 Other storage batteries: Of a kind used as the primary source of electrical power for electrical power for electrical power dvehicles of subheading 8703.90 No. 3.4% Free (A,B,C,A,E,IL, 40% 40% 507.80 O Other Other No. 3.4% Free (A,B,C,C,A,E, 40% 507.80.80 O Other No. 3.4% Free (A,B,C,C,A,E, 40% 507.90.40 <t< td=""><td></td><td>οö</td><td>Of a kind used as the primary source of electrical power for electrically powered vehicles of</td><td></td><td></td><td></td><td></td><td></td></t<>		οö	Of a kind used as the primary source of electrical power for electrically powered vehicles of					
10 90Sealed OtherNo. No.No. No.IL,J,JO,MX)IC.507.40 507.40.4000Nickel-iron storage batteries: Of a kind used as the primary source of electrical power for electrically powered vehicles of subheading 8703.90No.3.4%Free (A,B,CA,E,IL, J,JO,MX)40%507.40.80 507.40.8000OtherNo.3.4%Free (A,B,CA,E,IL, J,JO,MX)40%507.80 507.80, 507.90, <br< td=""><td>507.30.80</td><td></td><td></td><td></td><td></td><td>J JJO,MX)</td><td></td><td></td></br<>	507.30.80					J JJO,MX)		
90OtherNo.507.40 507.40.4000Nickel-iron storage batteries: Of a kind used as the primary source of electrical power for electrically powered vehicles of subheading 8703.90No.3.4%Free (A,B,CA,E,IL, J,JO,MX)40%507.40.8000OtherNo.3.4%Free (A,B,CA,E,IL, J,JO,MX)40%507.80 507.80,4000Other storage batteries: Of a kind used as the primary source of electrical power for electrically powered vehicles of subheading 8703.90No.3.4%Free (A,B,CA,E,IL, J,JO,MX)40%507.80,40 507.80,4000Other storage batteries: Of a kind used as the primary source of electrical power for electrically powered vehicles of subheading 8703.90No.3.4%Free (A,B,CA,E,IL, J,JO,MX)40%507.80,80 507.90 507.90,40OtherOtherNo.3.4%Free (A,B,C,CA,E, IL,J,JO,MX)40%507.90,40 507.90,40OtherOtherX3.5%Free (A,B,C,CA,E, IL,J,JO,MX)40%507.90,80OtherOtherX3.4%Free (A,B,C,CA,E, IL,J,JO,MX)40%			Sealed	No	2.5%	Free (A,B,C,CA,E, IL,J,JO,MX)	40%	
SolutionDescription </td <td>507.40</td> <td></td> <td>Other</td> <td>No.</td> <td></td> <td></td> <td></td> <td></td>	507.40		Other	No.				
507.40.80 00 Other J,JO,MX) IV,N 507.80 00 Other storage batteries: No. 3.4% Free (A,B,C,CA,E, IL, J,JO,MX) 507.80,40 00 Other storage batteries: Of a kind used as the primary source of electrical power for electricall power for electrically powered vehicles of subheading 8703.90 No. 3.4% Free (A,B,CA,E,IL, J,JO,MX) 507.80.80 00 Other No. 3.4% Free (A,B,CA,E, IL, J,JO,MX) 507.80.80 00 Other No. 3.4% Free (A,B,C,CA,E, IL, J,O,MX) 507.90 Free (A,B,C,CA,E, IL, J,JO,MX) No. 3.4% Free (A,B,C,CA,E, IL, J,O,MX) 507.90.40 00 Other Of lead-acid storage batteries X 3.5% Free (A,B,C,CA,E, IL, J,JO,MX) 507.90.80 00 Other X 3.4% Free (A,B,C,CA,E, IL, J,JO,MX)		00	power for electrically powered vehicles of	No	3.4%		109/	
507.80 507.80.40Other storage batteries: Of a kind used as the primary source of electrical power for electrically powered vehicles of 	507.40.80	00				J,JO,MX)		
507.80.80 00 Other J,JO,MX) II,JO,MX) II,JO,MX) II,JO,MX) II,JO,MX) II,JO,MX) II,JO,MX) III,J,JO,MX) IIII,J,JO,MX) IIII,J,JO,MX) IIII,J,JO,MX) IIII,J,JO,MX)	507.80 507.80.40	00	Of a kind used as the primary source of electrical			IL,J,JÓ,MX)		
507.90 Parts: IL,J,JO,MX) IL,J,JO,MX) 507.90.40 00 Of lead-acid storage batteries X 3.5% Free (A,B,C,CA,E, 40% 507.90.80 00 Other X X 3.4% Free (A,B,C,CA,E, 40%	507.80.80	00				· J,JO,MX)		
507.90.80 00 Other X	507.90		Parts:			Free (A,B,C,CA,E, IL,J,JO,MX)	40% _.	
Free (A,B,C,CA,E, 40%						Free (A,B,C,CA,E,	40%	
	507.90.80	υU	Other	x	3.4%	Free (A,B,C,CA,E,	40%	
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-	Stat.		Unit	Rates of Duty		
Subheading	Suf- fix	Article Description	of Quantity	General	Special	2
8513	10	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:	Quantity	General	Special	···
8513.10 8513.10.20	00	Lamps:	No	12.5%	Free (A,CA,E,IL,J, MX)	35%
8513.10.40	00	Other	No	3.5%	7.5% (JO) Free (A,CA,E,IL,J, JO,MX)	40%
8513.90 8513.90.20	00	Parts: Of flashlights	x	12.5%	Free (A,CA,E,IL,J, MX)	35%
8513.90.40	00	Other	x	3.5%	7.5% (JO) Free (A,CA,E,IL,J, JO,MX)	40%
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		No	Free		35%
8514.20		Furnaces and ovens functioning by induction or dielectric loss: Microwave ovens:				
8514.20.40	00		No	4%	Free (A,C,CA,E,IL, J,JO,MX)	35%
8514.20.60	00	Other	No	4.2%	Free (A,CA,E,IL, J,JO,MX)	35%
8514.20.80 8514.30 8514.30.20		Other furnaces and ovens:	No	Free	3,30,10(X)	35%
0014.00.20		of semiconductor wafers	No	Free		35%
8514.30.60 8514.30.80					Free (A,CA,E,IL,J, JO,MX)	35% 35%
8514.40.00	00	by induction or dielectric loss	×	Free		35%
8514.90 8514.90.40	00	Parts: Of microwave ovens	x	4%	Free (A,CA,E,IL,	35%
8514.90.80	00	Other	. x	Free	J,JO,MX)	35%
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	Stat. Suf-	Article Description	Unit		Rates of Duty	
	fix		of Quantity	General	1	2
515		Electric (including electrically heated gas), laser or other	Guarnity	General	Special	
		light of photon beam, ultrasonic electron beam magnetic		j ·		
		pulse or plasma arc soldering, brazing or welding				
		machines and apparatus, whether or not canable of				
		cutting; electric machines and apparatus for bot spraving				
		of metals or cermets; parts thereof:				
3515.11.00	00	Brazing or soldering machines and apparatus:		1		
010.11.00	00	Soldering irons and guns	No	2.5%	Free (A,CA,E,IL,	35%
3515.19.00	00	Other		1_	J,ĴÓ,MX) (
	••	Other Machines and apparatus for resistance welding of	No	Free		35%
		metal:				
3515.21.00		Fully or partly automatic	No	Free		
3515.29.00	00	Other Machines and apparatus for arc (including plasma arc)	No	Free		35%
		Machines and apparatus for arc (including plasma arc)		I'lee		35%
		weiging of metals:				
3515.31.00	00	Fully or partly automatic	No.	1.6%	Free (A,CA,E,IL,J,	250/
				i		35%
3515.39.00		Other		1.6%	Free (A,CA,E,IL,J,	35%
					JO,MX)	0070
	20	Non-rotating type:				1
	20 40	AC transformer type	No.			1
	60	Other	No.			
3515.80.00	00	Rotating type	No.	_		9
	40	Other machines and apparatus Ultrasonic welding machines	· · · · · · · · · · ·	Free		35%
	80	Other	NO.			1
3515.90		Parts:	INO.			· · .
		Of welding machines and apparatus:				
3515.90.10	00	Of die attach apparatus, tape automated				
		bonders and wire bonders for assembly of				
		semiconductors of subheading 8515.80	x	Free		250/
						35%
3515.90.30	00	Other	x	1.6%	Free (A,CA,E,IL,J,	25%
				1	JO,MX)	5576
3515.90.40	00	Other parts	х	Free	-0,	35%
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	Stat. Suf-	Article Description	Unit		Rates of Duty	
	fix		of Quantity	1 General	Special	2
517		Electrical apparatus for line telephony or line telegraphy, including line telephone sets with cordless handsets and telecommunication apparatus for carrier-current line systems or for digital line systems; videophones; parts thereof: Telephone sets; videophones:			opecial	
3517.11.00 3517.19		Line telephone sets with cordless handsets		1 1		35%
3517.19.40 3517.19.80	00	Videophones Other Single line: Without special features:	No	Free Free		35% 35%
	20 40	Tone signaling only Other Other (such as memory, redial,	No. No.			
	50	autodial, speaker and the like): Incorporating an automatic answering device	No.			
	70 80	Multiline (including key, call director and	No.			
3517.21.00 3517.22.00 3517.30		consoles) Facsimile machines and teleprinters: Facsimile machines Teleprinters Telephonic or telegraphic switching apparatus: Telephonic switching apparatus (including private branch exchange and key system switching		Free Free		35% 35%
3517.30.15 3517.30.20 3517.30.25 3517.30.30 3517.30.50 3517.50	00 00 00	apparatus): Central office switching apparatus Private branch exchange switching apparatus Electronic key telephone systems Other Other Other	No No No	Free Free		35% 35% 35% 35% 35%
3517.50.10	00	for digital line systems: Modems, of a kind used with data processing machines of heading 8471	No	Free		35%
517.50.50	00	Other: Telephonic Telegraphic:	x	Free		35%
3517.50.60 3517.50.90 3517.80		For carrier-current line systems Other Other apparatus:	x x	Free Free		35% 35%
3517.80.10	10 20	Telephonic Intercom systems Other	No	Free		35%
3517.80.20	00	Telegraphic	â	Free		35%
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Heading/	Stat.		1	Jnit		Rates of Duty	
Subheading		Article Description		of		1	2
	fix	ranara a sepulation	QL	Jantity	General	Special	1 ~
517		Electrical apparatus for line telephony or line telegraphy,				,	
con.)		including line telephone sets with cordless handsets and				1	
ŕ		telecommunication apparatus for carrier-current line					1.
		systems or for digital line systems; videophones;					
		parts thereof (con.):					
517.90		Parts:					1
		Parts of facsimile machines:					
3517.90.04	00	Parts of facsimile machines specified in	.		F		0.50
		additional U.S. note 7 to this chapter	X		Free		35%
3517.90.08	00	Other	$\overline{\mathbf{v}}$		Eroo		35%
517.90.06	100	Other parts, incorporating printed circuit	1	•••••	Fiee		3576
	[assemblies:					
3517.90.12	00		X		Free		35%
5011.00.12	ľ	Parts for articles of subheadings 8517.22,	\cap				10070
		8517.30, 8517.50.50 and 8517.80.10:					
3517.90.16	00		Ix		Free		35%
3517.90.24		For telephonic switching or terminal	E				
	1	apparatus	X		Free	1	35%
	1		1		•		1
8517.90.26		For telegraphic switching apparatus	X		Free		35%
8517.90.32		Other	X.		Free		35%
8517.90.34	00		X.		Free		35%
	1	Other:					
		Printed circuit assemblies:			1		
		For telephonic apparatus:					
8517.90.36	100	For switching or terminal apparatus					0.50/
	1	(other than telephone sets)	·I^		Free		35%
0647.00.00		Other	1		Free		35%
8517.90.38 8517.90.44			ʻl≎	• • • • • •	Free		35%
0017.90.44	. 00	Parts, including face plates and lock latches,	·l^	•••••	riee		5576
	1	for printed circuit assemblies:					
	I.	For telephonic apparatus:	1				
8517.90.48		For switching or terminal apparatus					
0011.00.10	100	(other than telephone sets)	.Ix		Free		35%
8517.90.52	2 00	Other	. I X		Free		35%
8517.90.50			. X		Freé	•	35%
		Other:			1	·	·
	1	For telephonic apparatus:	1		ł	1	1
8517.90.58	3 00	For switching or terminal apparatus	1.		1_		
		(other than telephone sets)	. ן Х	· · · · ·	Free	. I	35%
							050/
8517.90.64		Other	٠IČ	••••	Free		35% 35%
8517.90.66		For telegraphic apparatus	· ^	••••	- Free		35%
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-	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	1 General	Special	2
520	1.7.	Magnetic tape recorders and other sound recording	auanuy	General	Special	
		apparatus, whether or not incorporating a sound				
500 10 00	~~	reproducing device:				
520.10.00	υŲ	Dictating machines not capable of operating without an external source of power	No	Free		250/
,			110	LIEE		35%
520.20.00		Telephone answering machines		Free	. ,	35%
	40 80	Announce and record machines	No. No.		٠	
	00	Other magnetic tape recorders incorporating sound	INU.			1
		reproducing apparatus:				
520.32.00 520.33.00	00	Digital audio type	No			35%
520.33.00	20	Other, cassette type Microcassette type	No.	Free		35%
		Other:	110.			
		AC only:				Í
	40 60	Stereo				1
	00	Other:	INO.			
	70	Without speakers other than				ļ
		headphones, earphones or headsets	No.			1
	90	Other	No	,		
520.39.00		Other		Free		35%
	10		No.			
		Other: AC only:				
	50	Stereo	No.			
. '	60	Other	No.			
500 00 00	70		No.	_		
3520.90.00	40	Other		Free		35%
	80	Other	No.			1
						1
3521		Video recording or reproducing apparatus, whether or not incorporating a video tuner:				
3521.10		Magnetic tape-type				
		Color, cartridge or cassette type:	1			
3521.10.30 3521.10.60			No	Free		35%
3521.10.90			No.	Free		35% 35%
3521.90.00			No	Free		35%
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•	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
522	317	Parts and accessories suitable for use solely or	Quantity	General	Special	r
		principally with the apparatus of headings 8519 to 8521:		•		
3522.10.00	00	Pickup cartridges	No	3.9%	Free (A,B,CA,E,IL,	35%
3522.90		Other:		1	J,JO,MX)	
022.00		Assemblies and subassemblies of articles				
		provided for in subheading 8520.90, consisting of				
500 00 05	00	two or more pieces fastened or joined together:	v			0.59/
3522.90.25	00	Printed circuit assemblies	×	2%	Free (A,B,C,CA,E, IL,J,JO,MX)	35%
3522.90.35	00	Other	х	2%	Free (A,B,C,CA,E,	35%
	ļ				IL,J,JO,MX)	
8522.90.45	00	Parts of telephone answering machines: Printed circuit assemblies	Y	Free		35%
3522.90.55		Other		2%	Free (A,CA,E,IL,J,	35%
					JÓ,MX)	
	40	Magnetic recording and reproducing heads	~			1
		neaus	^			
	80	Other	x		1	
		Other:				
8522.90.65	100	Printed circuit assemblies	X	2%	Free (A,B,CA,E,IL, J,JO,MX)	35%
8522.90.75		Other	1	2%	Free (A,B,CA,E,IL,	35%
•					J,JO,MX)	
	40					
		heads	^	1		
	80	Other	X			1
			1			
8523		Prepared unrecorded media for sound recording or similar recording of other phenomena, other than				ļ
		products of chapter 37:				
		Magnetic tapes:				
8523.11.00			. No	. Free		80%
8523.12.00	'	Of a width exceeding 4 mm but not exceeding 6.5 mm		. Free		80%
		Suitable for audio recording:	1			0078
	10	In cartridges	. No.			
	20		. X			
	60					1
8523.13.00)[Of a width exceeding 6.5 mm		. Free		80%
	20	Suitable for audio recording	. X			
	40	Suitable for video recording: In cassettes	No			
	60					
	80	Other	.IX			
8523.20.00 8523.30.00			. No	. Free		80%
8523.90.00						80% 80%
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	Article Description Transmission apparatus for radiotelephony, radiotelegraphy, radiobroadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus; television cameras; still image video cameras and other video camera recorders; digital cameras: Transmission apparatus: Television: Set top boxes which have a communication	of Quantity	General	1 Special	2
525 525.10 525.10.10 00	radiotelegraphy, radiobroadcasting or television, whether or not incorporating reception apparatus or sound recording or reproducing apparatus; television cameras; still image video cameras and other video camera recorders; digital cameras: Transmission apparatus: Television: Set top boxes which have a communication		Conord	Special	-
525.10.10 00	Transmission apparatus: Television: Set top boxes which have a communication				
	Set top boxes which have a communication				
525 10 20					
2525 10 20	function	No	Free		35%
5525.10.50	Other		1.8%	Free (A+,B,CA,D,	35%
15	Apparatus for the reception of television signals relayed by television satellite	No.		E,IL,J,JO,MX)	
35	Other: 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	OtherOther	х			
3525.10.70	For radiobroadcasting		. 3%	Free (A,B,C,CA,E,	35%
25 45	exceeding 400 MHz	· ·		IL,J,JO,MX)	
65	Exceeding 400 MHz but not exceeding 1,000 MHz	No.			
85 90 8525.10.90	Exceeding 1,000 MHz	No. X	. Free		35%
25 45	Transmitters capable of transmitting on frequencies <u>1</u> /: Not exceeding 30 MHz Exceeding 30 MHz but not exceeding 400 MHz	No. No.			
65		No.			
85 90					

1/ See statistical note 4 to this chapter.

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	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of	1	·····	2
525		Transmission apparatus for radiotelephony,	Quantity	General	Special	_
con.)		radiotelegraphy, radiobroadcasting or television, whether				
, i		or not incorporating reception apparatus or sound				1
		recording or reproducing apparatus; television cameras;				
		still image video cameras and other video camera				
		recorders; digital cameras (con.):				
3525.20		Transmission apparatus incorporating reception				
		apparatus;				
· · · · · · · · · · · · · · · · · · ·		Transceivers:				
		Citizens Band (CB):				
3525.20.05			No	Free		35%
3525.20.15		Other	No	Free		35%
3525.20.20	00					
		operating on frequencies from 49.82 to				
		49.90 MHz	No	Free		35%
				Í		
3525.20.30		Other		Free		35%
	40	Hand-held:				
	10	For frequencies not exceeding				
		30 MHŹ <u>1</u> /	No.			
	45					
	15		l			
		but not exceeding 400 MHz 1/	No.			
	25	For formula the	1			
	20	For frequencies exceeding	l			
		400 MHZ <u>1</u> /	NO.			
	40	Marine VHF-FM				
	ŦŸ	Other:	NO.			
		For frequencies not exceeding				
		30 MHz 1/:				
	60	Amateur	Na	1		
	65	Other				
	70	For frequencies exceeding	INU.			
	ľ	30 MHz but not exceeding	1			
		400 MHz <u>1</u> /	No	1		
			110.			
	80	For frequencies exceeding	[
		400 MHz <u>1</u> /	No			
8525.20.90		Other		Free		35%
	20	Radio telephones designed for installation	[5576
	i	in motor vehicles for the Public Cellular				1
		Radiotelecommunication Service	No.			
			Í			
		Other radio telephones designed for the				
		Public Cellular Radiotelecommunication				
		Service:	ł			1
	60	Units weighing over 1 kg	No.			
	70		No.			
	80	Other	X			
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	Stat.	· · · · · · · · · · · · · · · · · · ·	Unit		Rates of Duty	85-3
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8525		Transmission apparatus for radiotelephony,				
(con.)		radiotelegraphy, radiobroadcasting or television, whether				
		or not incorporating reception apparatus or sound recording or reproducing apparatus; television cameras;	·			
		still image video cameras and other video camera				
		recorders; digital cameras (con.):				
8525.30		Television cameras:				
8525.30.30	00	Gyrostabilized television cameras	No	2 1%	Free (A,CA,E,IL,J,	259/
			140	2.170	JO,MX)	30%
8525.30.60	00	Studio television cameras, excluding		1	50, MIX)	
		shoulder-carried and other portable cameras	No	2.1%	Free (A,CA,E,IL,J,	35%
*					JO.MX)	0070
8525.30.90		Other	. <i></i> .	2.1%	Free (A,CA,E,iL,J,	35%
					JÓ MX)	
	05	Color	No.			
	60	Other	No.			
8525.40		Still image video cameras and other video camera].			1
		recorders; digital cameras:		ļ		
8525.40.40			No	Free		35%
8525.40.80		Other		2.1%	Free (A,CA,E,IL,J,	35%
	1		1		JÔ,MX)	ł
		Camcorders:	I.,		1	
	20	8 mm	No.			
· ·	50		No.			
	85	Other	No.	· ·		
8526		Poder ennerative realize an instituted still susception and				
0020		Radar apparatus, radio navigational aid apparatus and radio remote control apparatus:				
8526.10.00		Padar opporatuo		F		0.57
0020.10.00	20	Radar apparatus Designed for boat or ship installation		Free		35%
	40	Other	INO, No			1
	70	Other:	INO.	• • • •		
8526.91.00	ļ	Radio navigational aid apparatus		Froo		35%
	20	Reception only apparatus	No	FIEE		3076
	40	Other	No.	1		
8526.92.00			X	4 9%	Free (A,C,CA,E,IL,	25%
· · · · · ·	1		A		J,JO,MX)	100 //
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Heading/	Stat.		Unit		Rates of Duty	
ubheading	Suf-	Article Description	of		1	2
27	fix	Reception apparatus for radiotelephony, radiotelegraphy	Quantity	General	Special	
21		or radiobroadcasting, whether or not combined, in the				1
		same housing, with sound recording or reproducing				
		apparatus or a clock:				I
		Radiobroadcast receivers capable of operating				ļ
		without an external source of power, including				1
		apparatus capable of receiving also radiotelephony				
		or radiotelegraphy:				
527.12.00	00	Pocket-size radio cassette players	No	Free		35%
527.13	1	Other apparatus combined with sound recording				
		or reproducing apparatus:				
527.13.11	ю. –	Combinations incorporating tape players				1
	1	which are incapable of recording		Free		35%
	40	incorporating optical disc (including				ľ
		compact disc) players or recorders	No.			1.
	1					
	80		No.			
		Other:				
527.13.20	Į	Radio-tape recorder combinations		Free		.35%
	1	Cassette type:	1			1
	10]		1
	60		No.			
	80		No.	I_		1
527.13.40			No,	Free		35%
527.13.60		Other	••••••	Free		35%
	40		Na	•		1
		compact disc) players or recorders	INO.			
	80	Other	No			1
527.19	00	Other:	INO.	1		
527.19.10						
941.18.10	100	clock or clock-timer, not in combination with				1
	1	any other article, and not designed for motor		· ·		
		vehicle installation	No	Free	•	35%
			140	1100		3070
527.19.50		Other		3%	Free (A,CA,E,IL,J	35%
					JÓ,MX)	, , , , , , , , , , , , , , , , , , , ,
	15	Incorporating a clock or clock-timer	No.	· ·		
		Other:	1	1		
	20	AM only	No.			
	35	FM only or AM/FM only	No.	ł		
	45	Other		1.	ļ.	
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~	Stat. Suf-		Unit		Rates of Duty	r
ouncaung a	fix	Article Description	of Quantity	General	Special	• 2
527		Reception apparatus for radiotelephony, radiotelegraphy	Quantity	General	Special	
con.)		or radiobroadcasting, whether or not combined, in the				1
·		same housing, with sound recording or reproducing				
		apparatus or a clock (con.):				
1		Radiobroadcast receivers not capable of operating				1
		without an external source of power, of a kind used				
		in motor vehicles, including apparatus capable of		1		ĺ
3527.21		receiving also radiotelephony or radiotelegraphy:		1		
JUZI.ZI		Combined with sound recording or reproducing apparatus:				1
3527.21.10		Radio-tape player combinations	1	201/		050/
			•••••	2.70	Free (A,B,CA,E,IL, J,JO,MX)	35%
	05	Incorporating optical disc (including			3,30,1017)	
		compact disc) players or recorders	No.	1		
				ł		
		Other:		l .	· ·	i
		Cassette type:				1
•	15	Stereo	No.			•
	20 30	Other	No.	1		•
3527.21.40	30	Other	No.		1	
5921.21.40	40	Other Incorporating optical disc (including	• • • • • • • • • •	Free		35%
	10	compact disc) players or recorders	No			
			NO.			1
	80	Other	No.			
8527.29		Other:	1			1
8527.29.40	00	FM only or AM/FM only	No	4.4%	Free (A,B,CA,E,IL,	35%
0507 00 00					J,JO,MX)	
8527.29.80		Other		4.4%	Free (A+,B,CA,D,	35%
	20	AM only	Na	•	E,IL,J,JO,MX)	1
	60	Other	NO.			
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- 1	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of		1	2
3527		Reception apparetus for redictal as the	Quantity	General	Special	L
con.)	•	Reception apparatus for radiotelephony, radiotelegraphy or radiobroadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock (con.): Other radiobroadcast receivers, including apparatus capable of receiving also radiotelephony or				
3527.31		radiotelegraphy: Combined with sound recording or reproducing apparatus:				
3527.31.05	00	Articles designed for connection to telegraphic or telephonic apparatus or instruments or to telegraphic or telephonic				
			No	4.9%	Free (A+,CA,D,E, IL,J,JO,MX)	35%
3527.31.40		Other:			l	
5527,51,40		Combinations incorporating tape players which are incapable of recording		1%	Free (A,CA,E,IL, J,JO,MX)	35%
	40	Incorporating optical disc (including compact disc) players or recorders	No.		3,3O,MA)	
	80	Other	No			
8527.31.50		Other combinations incorporating tape recorders		2.5%	Free (A+,CA,D,E,	35%
	05	Incorporating optical disc (including compact disc) players or recorders	No		IL,J,JO,MX)	
	25	Other: Cassette type	N-			
	40	Cartridge type	NO.			
	65	Other	No.			
8527.31.60	40	Other Incorporating optical disc (including compact disc) players or recorders		Free		35%
	80	Other				
8527.32	00	Not combined with sound recording or reproducing apparatus but combined with a clock:	No.			
8527.32.10	10	Valued not over \$40 each Incorporating a digital clock or clock-timer		Free		35%
8527.32.50	30	Other Other	No.	3%	Free (A,CA,E,IL,J,	35%
	10	Incorporating a digital clock or clock-timer	No.		JO,MX)	
	30	Other				
8527.39.00		Other	NO.	3% .	Free (A,CA,E,IL,J, JO,MX)	35%
	20 40	Without speaker(s)	No. No.			
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Heading/ Subheading	Stat. Suf-		Unit		Rates of Duty	85-	
eanicadillô	fix	Article Description	of Quantity	. General	1 Special	2	
3527 con.) 3527.90 3527.90.40	00	Reception apparatus for radiotelephony, radiotelegraphy or radiobroadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock (con.): Other apparatus: Articles designed for connection to telegraphic or telephonic apparatus or instruments or to telegraphic or telephonic networks				35%	
3527.90.50	00	Other: Infant nursery monitor systems, each consisting in the same package of a radio transmitter, an electrical adapter, and a radio receiver	No	Free		35%	
8527.90.86 8527.90.95		Other: Paging receivers Other	No	Free 6%	Free (A,B,C,CA,E, IL,J,MX)	35% 35%	
	20	Radiotelephonic or radiotelegraphic receivers, capable of receiving signals on frequencies 1/: Not exceeding 30 MHz: Citizens Band (CB)	No.		3% (JO)		
	30 40		i i				
	50	Exceeding 400 MHz but not exceeding 1,000 MHz	No.				
	60 90		No. X				
		-					

v	Stat.		Unit		Rates of Duty	2
	Suf- fix	Article Description	of Quantity	General	1 Special	Z
528	104	Reception apparatus for television, whether or not	- county			i <u>a -</u>
		incorporating radiobroadcast receivers or sound or video				
		recording or reproducing apparatus; video monitors and				
1		video projectors:				
		Reception apparatus for television, whether or not				
1		incorporating radiobroadcast receivers or sound or		1		
00040		video recording or reproducing apparatus:				
3528.12		Color:				
1		Incomplete or unfinished (including assemblies for television receivers consisting				
		of all the parts specified in additional U.S.				
		note 10 to this chapter plus a power supply),		1 ·		
		not incorporating a cathode-ray tube, flat				1
		panel screen or similar display device:				
8528.12.04	00	Incorporating video recording or				1
		reproducing apparatus	No	Free		25%
0000 40 00		04		F		35%
8528.12.08	00	Other	No	Free		30%
		tube intended for direct viewing			·	
		(non-projection type), with a video display				
		diagonal not exceeding 35.56 cm:				Ì
		Incorporating video recording or		1 .		
		reproducing apparatus:				
8528.12.12	01	With a video display diagonal not	NIA	Ene e		051/
	!	exceeding 34.29 cm	ļ			25%
8528.12.16	01	Other	No	3.9%	Free (A*,CA,E,IL,	25%
	1				J,JO,MX)	
		Other:				
8528.12.20	1	With a video display diagonal not exceeding 34.29 cm	1	Eree		35%
	05		h	. FIEG		3376
	100	receivers or sound recording or	1			
ļ		reproducing apparatus	No.			
1						
		Other, with a video display	1			1
	1.	diagonal:	l No	1		1
ļ	12		INO.			
	1'	exceeding 26 cm	No	· ·		
1	l	exceeding 20 on			1	1
	25	Exceeding 26 cm	No.	1		1
8528.12.24	·	Other		. 5%	Free (A+,B,CA,D,	35%
1	1.		1	1	E,IL,J,JO,MX)	1
	40					
		receivers or sound recording or reproducing apparatus	No.	1		1
						1
	8	O _ Other	. No.	1		
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Heading/	Stat.		Unit		Rates of Duty	85-39
Subheading	Sưf- fīx	Article Description	of		1	2
3528		Reception apparatus for television, whether or not	Quantity	General	Special	
con.)		incorporating radiobroadcast receivers or sound or video recording or reproducing apparatus; video monitors and video projectors (con.): Reception apparatus for television, whether or not incorporating radiobroadcast receivers or sound or				
3528.12 (con.)		video recording or reproducing apparatus (con.): Color (con.):				:
		Non-high definition, having a single picture tube intended for direct viewing (non-projection type), with a video display				
8528.12.28	00	diagonal exceeding 35.56 cm: Incorporating video recording or reproducing apparatus	No	3.9%	Free (A,CA,E,IL,J,	25%
8528.12.32		Other	i	i	JO,MX) Free (A+,B,CA,D,	35%
	05	Combined with radiobroadcast receivers or sound recording or reproducing apparatus	No		E,IL,J,JO,MX)	
		Other, with a video display diagonal:				•
	24 28	Not exceeding 37 cm Exceeding 37 cm but not exceeding 39 cm	1			
	30	Exceeding 39 cm but not exceeding 45 cm	No.			
	35	Exceeding 45 cm but not exceeding 50 cm	No.			
	38	Exceeding 50 cm but not exceeding 52 cm	No.			
	50	exceeding 77 cm	No.			
	90	Non-high definition, projection type, with a cathode-ray tube:	No.			
8528.12.36	00	Incorporating video recording or reproducing apparatus	No	3.9%	Free (A,CA,E,IL,J,	25%
8528.12.40	00		No	5%	JÓ,MX) Free (A+,B,CA,D, E,IL,J,JO,MX)	35%
8528.12.44	00	High definition, non-projection type, with a cathode-ray tube: Incorporating video recording or reproducing apparatus	No	3.9%	Free (A,CA,E,iL,J,	25%
8528.12.48	00				JÓ,MX) Free (A+,B,CA,D,	35%
	ĺ			,	E,IL,J,JO,MX)	
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	Stat.	,	Unit		Rates of Duty	
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
528		Reception apparatus for television, whether or not				
con.)		incorporating radiobroadcast receivers or sound or video				
,		recording or reproducing apparatus; video monitors and				
•		video projectors (con.):			1	
		video projectors (corr.).				
		Reception apparatus for television, whether or not				
		incorporating radiobroadcast receivers or sound or				
	1	video recording or reproducing apparatus (con.):				
528.12		Color (con.):				
con.)				ļ ·		
		High definition, projection type, with a				
	ł					
		cathode-ray tube:		l		
528.12.52	00	Incorporating video recording or		1		
	1	reproducing apparatus	No	3.9%	Free (A,CA,E,IL,J,	25%
				- 1	JO,MX)	
528.12.56	100	Other	No	5%	Free (A+,B,CA,D,	35%
020.12.00	100		1.0	070		0070
	Ł				E,IL,J,JO,MX)	
	1	With a flat panel screen:				
		Incorporating video recording or	!			1
	1	reproducing apparatus:				
528.12.62	01	With a video display diagonal not	l			
	1	exceeding 34.29 cm	No	Free	1	25%
	1		1	1	ł	
3528.12.64	104	Other	l No	2 00/		050
528.12.64	101	Otner	1 NO	3.9%	Free (A,CA,E,IL,J,	20%
	1		1	1	JO,MX)	I
		Other:	1			
3528.12.68	3 01	With a video display diagonal not				
	1.	exceeding 34.29 cm	No	Eroo		35%
	1	exceeding 04.20 Ult	1.00.000		1	5570
	1.	Other	1	500		lacat
3528.12.72	(101	Other	No	. 5%	Free (A+,B,CA,D,	35%
			1		E.IL,J,JO,MX)	
	1	Other:	1	1	1 ,	I
		Incorporating video recording or		1	· ·	•
	1	reproducing operatives	1			1
	1.	reproducing apparatus:	1	1	i	1
3528.12.76	5101	With a video display diagonal not	1			
	ļ	exceeding 34.29 cm	No	. Free		25%
	1				1	1
8528.12.80	blot	Other	No	3 9%	Free (A,CA,E,IL,J,	25%
	· ۲			. 0.070	JO,MX)	2070
		044			30,10(A)	
		Other:	· ·	•		
3528.12.84	4 01	With a video display diagonal not				
		exceeding 34.29 cm	No	. Free	l I	35%
			1	· ·	i i	
		Other:	1	1	Į.	I
8528.12.92	2100		1	1	1	
0020.12.94	<u>دا ۱</u> ر	Set top boxes which have a		i -		0.50
	1	communications function	. No	. ⊩ree	· ·	35%
			1	1		1
8528.12.93	3100	Printed circuit assemblies	· ·	1	1	
		incorporating a tuner, of a kind	1	1	·]	l ·
		used with data processing	•		1	I
		monthing of heading 9474	No	I Eroo		250/
		machines of heading 8471	. No	.ILLEE		35%
	1		1	I	I	1
8528.12.9	7 0(Other	. No	. 5%	Free (A+,B,CA,D,	35%
	1	1	1		E,IL,J,JO,MX)	I
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Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Crossial	2
8528 (con.) 8528.13.00		Reception apparatus for television, whether or not incorporating radiobroadcast receivers or sound or video recording or reproducing apparatus; video monitors and video projectors (con.): Reception apparatus for television, whether or not incorporating radiobroadcast receivers or sound or video recording or reproducing apparatus (con.): Black and white or other monochrome		5%	Special Free (A+,B,CA,D,	35%
	05 10 20 25 30	Other Other, having a single picture tube intended for direct viewing, with a video display diagonal: Not exceeding 17 cm Exceeding 17 cm but not exceeding 22 cm Exceeding 22 cm but not exceeding	No. No.		E,IL,J,JO,MX)	
	35	26 cm Exceeding 26 cm but not exceeding 33 cm	No.			
	40	Exceeding 33 cm but not exceeding 45 cm	No.			
	45 50	Exceeding 45 cm but not exceeding 48 cm				
	75		No. No.			

Subboodies 15	اعرد	Article Description	Unit		Rates of Duty	
~ .	Suf- fix	Article Description	of Outputiby	Constal	1 D===!=1	2
528		Percention ennerative for television whether event	Quantity	General	Special	
con.)		Reception apparatus for television, whether or not incorporating radiobroadcast receivers or sound or				
		video recording or reproducing apparatus; video monitors				
1		and video projectors (con.):			1	
		Video monitors:				
3528.21		Color:				
526.21						
		Incomplete or unfinished (including				
		assemblies consisting of the parts specified				
1		in subdivisions (a), (b), (c) and (e) in				
		additional U.S. note 10 to this chapter plus				
	i	a power supply), not incorporating a				
		cathode-ray tube, flat panel screen or				
8528.21.05	~~	similar display device:				
5526.21.05	00	Incorporating video recording or				
	:	reproducing apparatus	No	Free		25%
0500 04 40	~~	04		_		· · · ·
8528.21.10	00	Other	No	⊢ree		35%
		Non-high definition, having a single picture			·	1
		tube intended for direct viewing		1		
1		(non-projection type), with a video display				
		diagonal not exceeding 35.56 cm:				1
	•	Incorporating video recording or				
0500.04 201	~	reproducing apparatus:				
8528.21.16	01					
		exceeding 34.29 cm	No	Free		25%
0000.04.40	~					
8528.21.19	01	Other	No	3.9%	Free (A,CA,E,IL,J,	25%
					· JO,MX)	
0500 04 04		Other:	1		1	
8528.21.24	01	With a video display diagonal not	1		1	1
		exceeding 34.29 cm	No	Free		35%
0500.01.00						
8528.21.29	01	, Other	No	5%	Free (A+,B,CA,D,	35%
		ľ			E,IL,J,JO,MX)	
	i i	Non-high definition, having a single picture				
		tube intended for direct viewing		1 .		1
		(non-projection type), with a video display	1			
		diagonal exceeding 35.56 cm;	1			
8528.21.34	00					
	1	reproducing apparatus	No	3.9%	Free (A,CA,E,IL,J,	25%
l l				ļ	JÔ,MX)	
8528.21.39	00	Other	No	5%	Free (A+,B,CA,D,	35%
					E,IL,J,JO,MX)	
1		Non-high definition, projection type, with a		1		1
1		cathode-ray tube:			1	1
8528.21.41	00	Incorporating video recording or	1			1
		reproducing apparatus	No	3.9%	Free (A,CA,E,IL,J,	25%
	1		1		JÔ,MX)	1
8528.21.42	00	Other	No	5%	Free (A+,B,CA,D,	35%
1	1		1	1	E,IL,J,JO,MX)	
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- 1	Stat. Suf-	Article Description	Unit		Rates of Duty	85-
	fix		of Quantity	General	1 Special	2
528 con.)		Reception apparatus for television, whether or not incorporating radiobroadcast receivers or sound or video recording or reproducing apparatus; video monitors and video projectors (con.): Video monitors (con.):		CONCIER		
528.21 con.)		Color (con.):				
3528.21.44	00	High definition, non-projection type, with a cathode-ray tube: Incorporating video recording or				
3528.21.49	00	reproducing apparatus			Free (A,CA,E,IL,J, JO,MX)	
		High definition, projection type, with a cathode-ray tube:	NO	5%	Free (A+,B,CA,D, E,IL,J,JO,MX)	35%
528.21.51	00	Incorporating video recording or reproducing apparatus	No	3.9%	Free (A,CA,E,IL,J,	25%
528.21.52	00	Other With a flat panel screen:	No	5%	JO,MX) Free (A+,B,CA,D, E,IL,J,JO,MX)	35%
3528,21,55	01	With a hat patier screet, Incorporating video recording or reproducing apparatus: With a video display diagonal not exceeding 34.29 cm	No	F		
528.21.60	01	Other				25%
528.21.65	01	Other: With a video display diagonal not			Free (A,CA,E,IL,J, JO,MX)	25%
500.04.70		exceeding 34.29 cm				35%
3528.21.70 3528.21.75		Other: Incorporating video recording or reproducing apparatus:	No	5%	Free (A+,B,CA,D, E,IL,J,JO,MX)	35%
020.21.70		With a video display diagonal not exceeding 34.29 cm	No	Free		25%
3528.21.80	01	Other	No	3.9%	Free (A,CA,E,IL,J, JO,MX)	25%
3528.21.85	01	With a video display diagonal not exceeding 34.29 cm	No	Free		35%
528.21.90	01	Other	No	5%	Free (A+,B,CA,D,	35%
3528.22.00	00	Black and white or other monochrome	No	5%	E,IL,J,JO,MX) Free (A+,B,CA,D, E,IL,J,JO,MX)	35%
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-	Stat. Suf-	Article Description	Unit		Rates of Duty	
Capitestilli	fix	Article Description	of Quantity	General	1 Special	2
3528		Reception apparatus for television, whether or not	actionation	General	opeciai	
con.)		incorporating radiobroadcast receivers or sound or video				
ŕ		recording or reproducing apparatus; video monitors and				
		video projectors (con.):				
3528.30		Video projectors:				
		Color:				
· ·		Incomplete or unfinished (including assemblies consisting of the parts specified in			1	[
		subdivisions (a), (b), (c) and (e) in additional				
		U.S. note 10 to this chapter plus a power				
		supply), not incorporating a cathode-ray tube.				
		flat panel screen or similar display device:	:			
3528.30.10	00					
		or reproducing apparatus	No	Free		25%
8528.30.20	00	Other	h la	P		
5520.50.20	00	Other Non-high definition, with a cathode-ray tube:	NO	Free		35%
8528.30.30	00	Incorporating video recording or				
	1	reproducing apparatus	No	3 0%	Free (A,CA,E,IL,J,	25%
	.				JO.MX)	2.570
8528.30.40	00	Other	No	5%	Free (A+,B,CA,D,	35%
					E,IL,J,JO,MX)	
9509 20 50		High definition, with a cathode-ray tube:				
8528.30,50	100					
•		reproducing apparatus	NO	3.9%	Free (A,CA,E,IL,J, JO,MX)	25%
8528.30.60	00	Other	No	5%	Free (A+,B,CA,D,	35%
				576	E,IL,J,JO,MX)	3376
		With a flat panel screen:				
	1	Incorporating video recording				
0500 00 00		or reproducing apparatus:				
8528.30,62	101	With a video display diagonal not	l	_		
		exceeding 34.29 cm	NO	Free		25%
8528.30.64	01	Other	No	3 0%	Free (A,CA,E,IL,J,	250/
	1 .		1.0	0.075	JO,MX)	2370
	1	Other:			00,000	
8528.30.66	01					
		exceeding 34.29 cm	No	Free		35%
8528.30.68	0.4	Other				
0520.50.00	101	Other	NO	5%	Free (A+,B,CA,D,	35%
		Other:			E,IL,J,JO,MX)	
8528.30.72	00	Incorporating video recording				
	1	or reproducing apparatus	No	3.9%	Free (A,CA,E,IL,J,	25%
					JO,MX)	
8528.30.78	100	Other	No	5%	Free (A+,B,CA,D,	35%
9539 30 00	00	Plack and white an athenness to an			E,IL,J,JO,MX)	
8528.30.90	100	Black and white or other monochrome	No	5%	Free (A+,B,CA,D,	35%
					E,IL,J,JO,MX)	1.00
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	Stat.		Unit	Rates of Duty			
Subheading	Suf- fix	Article Description	of Quantity	General	1 Entroid	2	
529		Parts suitable for use solely or principally with the	Quantity	General	Special	-	
529.10		apparatus of headings 8525 to 8528:					
		Antennas and antenna reflectors of all kinds; parts suitable for use therewith:					
529.10.20		Television		1.8%	Free (A+,B,CA,D,	35%	
		Antennas:			E,IL,J,JO,MX)		
	20	Receiving only	No				
	50 90	Other	No		1		
529.10.40	00	Radar, radio navigational aid and radio remote	^				
	40	control		Free		35%	
	40 80	Antennas Other	No X				
		Other:	^	}	,		
529.10.70	00	Antennas and antenna reflectors of a kind used with apparatus for radiotelephony and	l	ĺ		Ì	
		radiotelegraphy	x	Free		35%	
3529.10.90	00					i	
523.10.30	00		X	3%	Free (A,B,C,CA,E, IL,J,JO,MX)	35%	
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Heading/ S Subheading S			Unit			
SUDREADING	Suf- fix	Article Description	of		1	2
3529		Parts suitable for use solely or principally with the	Quantity	General	g Special	
con.) 3529.90		Partic solidable for use solery or principally with the apparatus of headings 8525 to 8528 (con.): Other: Printed circuit assemblies: Of television apparatus:				
3529.90.01	00	Tuners	No	3%	Free (A,CA,E,IL,J, JO,MX)	35%
3529.90.03	00	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: Entered with components enumerated in additional U.S. note 4 to this chapter	No. <u>1</u> /	4%	Free (A+,B,CA,D,	35%
8529.90.06	00	Other	No. <u>1</u> /	Free	E,IL,J,JO,MX)	35%
8529.90.09	00	For television cameras	x	3.3%	$\langle \gamma \rangle = \langle \gamma \rangle = \langle \gamma \rangle = \langle \gamma \rangle$	35%
8529.90.13	00	Other	x	2.9%	JO,MX) Free (A+,B,CA,D,	35%
8529.90.16		Of radar, radio navigational aid or radio remote control apparatus: Assemblies and subassemblies, consisting of 2 or more parts or pieces fastened or joined together		3.2%	E,IL,J,JO,MX) Free (A,C,CA,E,IL,	35%
	20 40		1.		J,JÓ,MX)	
8529.90.19	60	Other Other	x	3.2%	Free (A,CA,E,IL,J,	35%
	20 40				JO,MX)	•
8529.90.22	60 00		x x	Free		35%
		· ·				

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

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Heading/ S	Stat.		Unit		Rates of Duty	85-47
Subheading	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
8529		Parts suitable for use solely or principally with the				
(con.) 8529.90	·	apparatus of headings 8525 to 8528 (con.): Other (con.):				
(con.)						
8529.90.26	00	Transceiver assemblies for the apparatus of				
	ļ	subheading 8526.10, other than printed circuit	v	0.00%		250/
		assemblies	Χ	3.2%	Free (A,C,CA,E,IL, J,JO,MX)	33%
1		Parts of television receivers specified in		,	0,00,000	
		additional U.S. note 10 to this chapter, other		• •]
d		than printed circuit assemblies:	 	201		259/
8529.90.29	00	Tuners	No	3%	Free (A,CA,E,IL,J, JO,MX)	100%
	1	Subassemblies, for color television receivers,				
ļ		containing two or more printed circuit boards	l			!
1	ļ	or ceramic substrates with components		1		l I
1		assembled thereon, except tuners or convergence assemblies:	1]
8529.90.33	00	Entered with components enumerated	Į			
	-	in additional U.S. note 4 to this chapter	No. <u>1</u> /	4%	Free (A+,B,CA,D,	35%
		0#			E,IL,J,JO,MX)	35%
8529.90.36 8529.90.39			X .	2.9%	Free (A+,B,CA,D,	35%
0020.00.00	100			2.070	E,IL,J,JO,MX)	
l	1		1	1		1
	Į	Combinations of parts specified in additional				
	1	U.S. note 10 to this chapter: Subassemblies, for color television receivers,		1		
· ·		containing two or more printed circuit boards	[1	
		or ceramic substrates with components				
		assembled thereon, except tuners or convergence assemblies:	· ·			
8529.90.43	00		1		1	
		enumerated in additional	I			
	1	U.S. note 4 to this chapter	No. <u>1</u> /	. 4%	Free (A+,B,CA,D,	35%
8529,90,46		Other	No 1/	Free	E,IL,J,JO,MX)	35%
8529.90.49			x	. 2.9%	Free (A+,B,CA,D,	35%
					E,IL,J,JO,MX)	1
8529.90.53	300		1]
		of subheadings 8528.12.62, 8528.12.64, 8528.12.68, 8528.12.72, 8528.21.55,		1	1	
		8528.21.60, 8528.21.65, 8528.21.70,				
		8528.30.62, 8528.30.64, 8528.30.66		0.007	THE MALE ON D	0.59/
		and 8528.30.68	. X	. 2.9%	Free (A+,B,CA,D, E,IL,J,JO,MX)	
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1/ Dener		antity on indicated in additional 11.8 note $A(h)$ to this chapter.				

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

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	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of		1	2
529 con.) 529.90 con.)	12	Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528 (con.): Other (con.):	Quantity	General	Special	
529.90.63	00	Other, parts of printed circuit assemblies, including face plates and lock latches: Of television apparatus: For television cameras	~	2.2%		
529.90.69	1	Other			Free (A,CA,E,IL,J, JO,MX) Free (A+,B,CA,D,	35% 35%
3529.90.73	00	Of radar, radio navigational aid or radio			E,IL,J,JO,MX)	33%
3529.90.75	00	remote control apparatus			Free (A,CA,E,IL,J, JO,MX)	
3529.90.78			x	Free		35%
		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%
3529.90.81	00			1	Free (A,CA,E,IL,J,	35%
3529.90.83	00				JO,MX) Free (A+,B,CA,D,	35%
8529.90.86	00		ł .		E,IL,J,JO,MX)	35%
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	Stat.		Unit		Rates of Duty	85-49
Subheading	Suf- fix	Article Description	of Outputity		1	2
529	нА	Parts suitable for use solely or principally with	Quantity	General	Special	
con.)		the apparatus of headings 8525 to 8528 (con.):		[
529,90		Other (con.):				
:on.)						
		Other: Of television receivers:]		
		Subassemblies, for color television				
		receivers, containing two or more printed				
		circuit boards or ceramic substrates with				
		components assembled thereon, except				:
529.90.88	00	tuners or convergence assemblies: Entered with components			1	
020.00.00	00	enumerated in additional U.S. note 4				
		to this chapter	No. <u>1</u> /	4%	Free (A+,B,CA,D,	35%
				1	E,IL,J,JO,MX)	
529.90.89 529.90.93		Other	No. <u>1</u> /		E (1. DOLD	35%
020.00.00			• • • • • • • • • •	2.9%	Free (A+,B,CA,D, E,IL,J,JO,MX)	35%
	45	Convergence assemblies, focus coils			E, E, J, JO, WA	
		and degaussing coils	х			1
	80	Other				
	100	Other Of radar, radio navigational aid or radio	^	1		
		remote control apparatus:	[
\$529.90.95		Assemblies and subassemblies.				1
		consisting of 2 or more parts or pieces				
		fastened or joined together		3.2%	Free (A,C,CA,E,IL,	35%
	20	Of radar apparatus	x		J,JO,MX)	
	40	Of radio navioational aid apparatus				
		(except radar)	X	{ ·		
	60	Other	v	ł		
3529.90.97		Other	<u>^</u>	3.2%	Free (A,CA,E,IL,J,	35%
					JÔ,MX)	0070
	20		X		,	1
	40	Of radio navigational aid apparatus (except radar)	V			
	ł		^			
	60	Other	x			
8529.90.99		Other		 _		
5529.90.99	100	Other	X	. Free		35%
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1/ Report quantity as indicated in additional U.S. note 4(b) to this chapter.

-	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of		1	2
530 530.10.00 530.80.00 530.90.00	00	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: Equipment for railways, streetcar lines or subways Other equipment Parts	Χ	Free	Special	35% 35% 35%
3531		Electric sound or visual signaling apparatus (for example, bells, sirens, indicator panels, burglar or fire alarms), other than those of heading 8512 or 8530;				
8531.10.00		parts thereof: Burglar or fire alarms and similar apparatus		1.3%	Free (A,B,C,CA,E, IL,J,JO,MX)	35%
	15 25	Other:	No.			
8531.20.00	35 45	Burglar alarms Other Indicator panels incorporating liquid crystal devices (LCD's) or light emitting diodes (LED's)	No.	Free		35%
8531.80.00	20 40	Incorporating LCD's	X		Free (A,B,C,CA,E,	
	10	Indicator panels:			IL,J,JO,MX)	
	25 30 40 50	Horns Other sound signaling apparatus	X X			
8531.90		Parts: Printed circuit assemblies:				
8531.90.15 8531.90.30	1		•		Free (A,B,CA,E,IL,	35% 35%
8531.90.75		Other: Of the panels of subheading 8531.20		Free	J,ĴÓ,MX)	35%
8531.90.90		,			Free (A,B,CA,E,IL,	
					J,JO,MX)	

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Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Outpatility		1	2
532		Electrical capacitors, fixed, variable or adjustable (pre-set);	Quantity	General	Special	<u> </u>
3532.10.00	00	parts thereof: 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%
3532.21.00	20	Other fixed capacitors: Tantalum Metal case		Free		35%
	40 50	Other: Dipped Designed for surface mounting (SMD) by contact				
3532.22.00	80	Other	-	Free		35%
	20 40	Not exceeding 18 mm in diameter <u>1</u> / Exceeding 18 mm but not exceeding 35 mm in diameter <u>1</u> /	No. No.			0070
	55	Exceeding 35 mm but not exceeding 51 mm in diameter <u>1</u> /	No.			
8532.23.00	85 20	Ceramic dielectric, single layer Chips		Free		35%
8532.24.00	40 60	Other: Axial leads Radial leads Ceramic dielectric, multilayer	No.	Free		35%
	20 40	Chips Other: Axial leads	No. No.			00 %
8532.25.00	60 10	Dielectric of paper or plastics Alternating current (AC) service;		Free		35%
	20 30 40	300 V or greater, but less than 600 V 600 V or greater, but less than 1,000 V	No. No.			
	45	Leadless: Designed for surface mounting (SMD) by contact	No.			
1	55 60 70	Axial leads Radial leads	No. No.			
8532.29.00	80 20 40	Other Mica dielectric	No.	. Free		35%
8532.30.00	10	Variable or adjustable (pre-set) capacitors Mica, ceramic or glass dielectric Other	No. No.			35%
8532.90.00		Parts	. X	. Free		35%

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1/ See statistical note 6 to this chapter.

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5-52 Heading/	Stat:		Unit		Rates of Duty	
-	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
533 533.10.00	20	Electrical resistors (including rheostats and potentiometers), other than heating resistors; parts thereof: Fixed carbon resistors, composition or film types Designed for surface mounting (SMD) by contact: Having more than two terminals		Free		35%
		(resistor networks)	No.			
•	42 57	Having two terminals Having more than two leads (resistor networks) Other:	No.			
	60 65 ·	Other fixed resistors:	No. No.			
3533.21.00		For a power handling capacity not exceeding 20 W Designed for surface mounting (SMD) by contact: Having more than two terminals (resistor		. Free		35%
	10 20	Other (including flat packs)	1			
	30 40		No.			
	50 60 70	Having more than two leads (resistor networks) Single-in-line Dual-in-line	. No. . No.			
	1	Other:				
•	80 90	Wirewound	1			
8533.29.00	00		. No	. Free		35%
8533.31.00		For a power handling capacity not exceeding 20 W	. No	Free		35%
				1_		0.57
8533.39.00 8533.40) 4(8(OtherOtherOther variable resistors, including rheostats and	. No.	. Free		35%
8533.40.40		potentiometers: Metal oxide varistors	. No	Free		35%
8533.40.80	4	Other		Free		35%
	5 6 7	0 Metal glaze	. No.			
8533.90 8533.90.4		Parts:		Free		35%
			1	1		1
8533.90.8	00	0 Other	. x	Free		35%
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	Stat.		Unit		Rates of Duty	Ę	
Subheading	Suf- fix	Article Description	of Ouentiby	General	1	2	
534.00.00		Printed circuits Plastics impregnated, not flexible type: Having a base wholly of impregnated glass:		Free	Special	35%	
	20 40	With 3 or more layers of conducting materials . Other	Mo				
	50 70	Having a base wholly of impregnated paper Other Other:	No.				
	80 85 95	Flexible type Other, having a ceramic base Other	No.				
535		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, junction boxes), for a voltage exceeding 1,000 V:				- - - -	
535.10.00		Fuses		2.7%	Free (A,CA,E,IL,J, JO,MX)	35%	
	20 40	In circuits of 2,300 V or more Other Automatic circuit breakers;	No. No.		y 00,000		
3535.21.00		For a voltage of less than 72.5 kV		1	Free (A,CA,E,IL,J, JO,MX)	35%	
3535.29.00		Other		2%	Free (A,CA,E,IL,J, JO,MX)	35%	
3535.30.00	20 40	In circuits of 345 kV or more Other Isolating switches and make-and-break	No. No.				
		switches		2.7%	Free (A,CA,E,IL,J, JO,MX)	35%	
3535.40.00	40 80 00		No.	2 7%	Free (A*,CA,E,IL,	35%	
3535.90		Other:			J,JO,MX)		
3535.90.40 3535.90.80		Motor starters and motor overload protectors			Free (A,CA,E,IL,J, JO,MX)		
	20	Terminals, electrical splices and electrical		2.7%	Free (A,CÁ,E,IL,J, JO,MX)	35%	
	40]				
	60	Other connectors Other	No. No.				
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+	Stat. Suf-		Unit	Rates of Duty			
Subheading	Suf- fix	Article Description	of Quantity	General	1	2	
536		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, junction boxes), for a	_Quantity	General	Special		
536.10.00		voltage not exceeding 1,000 V: Fuses	• • • • • • • • •	2.7%	Free (A,B,CA,E,IL,	35%	
536.20.00	20 40	Glass cartridge Other Automatic circuit breakers	No	2.7%	J,JO,MX) Free (A,B,CA,E,IL,	35%	
	20 40	Molded case Other	No. No.		J,JO,MX)		
536.30 536.30.40	00	Other apparatus for protecting electrical circuits: Motor overload protectors	x	2.7%	Free (A,B,CA,E,IL,	35%	
536.30.80	00	Other	x	2.7%	J,JO,MX) Free (A,B,CA,E,IL, J,JO,MX)	35%	
536.41.00		Relays: For a voltage not exceeding 60 V		2.7%	Free (A,B,CA,E,	35%	
:	05	Other: With contacts rated at less than 10 A:			IL, J,JO,MX)		
	20 30	Other:	No.				
	45 50	Contactors Other: Electromechanicai					
536.49.00	60	Other	No.	. 2.7%	Free (A,B,CA,E,IL,	35%	
	50 55		No. No.		J,JO,MX)		
	65 75	Other: Contactors Other:					
	80		No. No.				
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-	Stat. Suf-	Article Description	Unit		Rates of Duty	
oublicating	fix	Aracle Description	of Quantity	General	1 Special	2
536		Electrical apparatus for switching or protecting electrical	¥		openal	
con.)		circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors,				
		plugs, sockets, lamp-holders, junction boxes), for a voltage				
		not exceeding 1,000 V (con.):				
536.50	00	Other switches:				
536.50.40	00	Motor starters	No	2.7%	Free (A,B,CA,E,IL,	35%
		Other:			J,JO,MX)	
536.50.70	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%
3536.50.90		Other		2.7%		250/
				2.1 /0	Free (A,B,CA,E,IL, J,JO,MX)	35%
		Rotary:			0,00,000	
	20 25	Rated at not over 5 A	No.			1
	23	Rated at over 5 A	NO.			
		Rated at not over 5 A:				
	31	Momentary contact				
	32	Other, gang switches	No.			
	33 35	Other	No.			
	40	Snap-action, other than limit	NO.			
	45	Knife	No.			[
	50	Slide	No.			
	55 65	Limit Other	No.			
		Lamp-holders, plugs and sockets:	NO.			
8536.61.00	00	Lamp-holders	No	2.7%	Free (A,B,CA,E,IL,	35%
2526.60					J,JO,MX)	0070
3536.69 3536.69.40		Other: Coaxial connectors; cylindrical multicontact				1
0000.00.40		connectors; rack and panel connectors; printed				
·		circuit connectors; ribbon or flat cable				
	1.	connectors		Free		35%
	10 20	Coaxial connectors	No.			
	30	Cylindrical multicontact connectors Rack and panel connectors	NO. No			
	40	Printed circuit connectors	Nn.			
3536.69.80	50	Other	No.			
0000.09.00	00	Other	х	2.7%	Free (A,B,CA,E,IL,	35%
3536.90		Other apparatus:			J,JO,MX)	
8536.90.40	00					
		couplings; wafer probers	X	Free		35%
8536.90.80		Other		2 70/		0.00
	1			2.170	Free (A*,B,CA,E, IL,J,JO,MX)	35%
	10		x	ł		1
	30 85		No.			1
	1°3	Other	X			
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	Stat.		Unit		Rates of Duty	
ubheading	Suf-	Article Description	of	General	1	2
37	3	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:	Quantity	General	Special	
37.10 37.10.30	00	For a voltage not exceeding 1,000 V;	x	2.7%	Free (A,B,CA,E,IL,	35%
\$37.10.60	00	Motor control centers	No	2.7%	J,JO,MX) Free (A,B,CA,E,IL,	35%
37.10.90		Other		2.7%	J,JO,MX) Free (A,B,CA,E,IL, J,JO,MX)	35%
	20 30	Switchgear assemblies and switchboards Numerical controls for controlling machine tools			3,30,10(X)	
•		Other:	NO.			
	50 60 70	Panel boards and distribution boards Programmable controllers	No.			
37.20.00		For a voltage exceeding 1,000 V		2.7%	Free (A,CA,E,IL,J, JO,MX)	35%
	20 40	Switchgear assemblies and switchboards Other	No. No.			
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	Stat:		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3538	12	Parts suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537:	Ganaty	General	. Special	
3538.10.00	00		x	3.7%	Free (A,B,CA,E,IL,	35%
3538.90		Other: Printed circuit assemblies:			J,ĴÓ,MX)	
8538.90.10	00	Of an article of heading 8537 for one of the articles described in additional U.S. note 12 to chapter 85	x	Free		35%
8538.90.30	00	Other	x	3.5%	Free (A,B,CA,E,IL,	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	v	9 50/		259/
		Other:			Free (A,B,CA,E,IL, J,JO,MX)	
8538.90.60			1		Free (A,B,CA,E,IL, J,JO,MX)	1
8538.90.80	20	Other	1	3.5%	Free (A*,B,CA,E, IL,J,JO,MX)	35%
	40	Other:				
	60	Other parts of switchgear, switchboards, panel boards and distribution boards				
1	80	Other	. x			
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35-58 Heading/	Stat.	1	Unit	· · · ·	Rates of Duty	
	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	_
539		Electrical filament or discharge lamps, including sealed beam lamp units and ultraviolet or infrared lamps; arc lamps; parts thereof:				
539.10.00	•	Sealed beam lamp units		2%	Free (A,B,C,CA,E,	20%
	10	Under 15.24 cm: For the vehicles of subheading 8701.20 or heading 8702, 8703, 8704, 8705 or 8711	No.		IL,J,JO,MX)	
	30	Other 15.24 cm or over:	No.			
	50	For the vehicles of subheading 8701.20 or heading 8702, 8703, 8704, 8705 or 8711	No.			
	60	Other Other filament iamps, excluding ultraviolet or infrared lamps:	No.			
3539.21 3539.21.20	40	Tungsten halogen: Designed for a voltage not exceeding 100 V For the vehicles of subheading 8701.20 or		Free		20%
	80	heading 8702, 8703, 8704, 8705 or 8711 . Other		•		
8539.21.40	·	Other		. 2.6%	Free (A,CA,E,IL,J, JO,MX)	20%
8539.22	40 80	Of a power 500 W or more Other, of a power not exceeding 200 W and for a	No. No.			
8539.22.40	00	voltage exceeding 100 V: Christmas-tree lamps	No	. 5.8%	Free (A,CA,E,IL,J, MX)	20%
8539.22.80		Other		. 2.6%	2.9% (JO) Free (A,CA,E,IL,J, JO,MX)	20%
	10 30	Decorative	No. No.			
	40	Other, including standard household: Of a power 15 W or more but not exceeding 150 W	No.			
	60 70	Of a power exceeding 150 W	No. No.			
8539.29 8539.29.10		Other: Designed for a voltage not exceeding 100 V: Christmas-tree lamps	No	. 5.8%	Free (A,CA,E,IL,J MX)	, 20%
8539.29.20		Lamps having glass envelopes not over 6.35 mm in maximum diameter and suitable for use in cystoscopes and other			2.9% (ĴO)	
		surgical instruments	. No	. 5.2%	Free (A,CA,E,IL,J MX) 2.6% (JO)	, 55%
8539.29.30	20	Other Flashlight lamps Other:		Free		20%
	50		. No.			
8539.29.4						
		100 V	. No	2.6%	Free (A,CA,E,IL,J JO,MX)	20%

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	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
539	τιχ	Electrical filament or discharge lamps, including sealed	Quantity	General	opecial	
соп.)		beam lamp units and ultraviolet or infrared lamps; arc				
0011.7		lamps: parts thereof (con.):				
		Discharge lamps, other than ultraviolet lamps:				
539.31.00		Fluorescent, hot cathode		2.4%	Free (A,CA,E,IL,J,	20%
					JO,MX)	ĺ
	40	1.2 m, straight tube, of a power 30 W or more	Ma	1		
		but not exceeding 40 W	INO.			1
		Other:				ļ
	50	With a single plug-in base	No.			1
	60	With a single screw-in base	No.			
	70	Other	No.			
3539.32.00	1	Mercury or sodium vapor lamps;	1	0.49/		200/
		metal halide lamps		2.4%	Free (A,CA,E,IL,J, JO,MX)	20%
	20	Şodium vapor	No		JO, 101/2)	
	40	Mercury vapor	No.		•	
•	90		No.			
8539.39.00			No	. 2.4%	Free (A,CA,E,IL,J,	20%
					JÓ,MX)	
	.	Ultraviolet or infrared lamps; arc lamps:		0.65/		250/
8539.41.00	100	Arc lamps	. NO	2.0%	Free (A,CA,E,IL,J, JO,MX)	35%
0500 40 00		Other		2 4%	Free (A,CA,E,IL,J,	35%
8539.49.00	1	Other		. 2.7/0	JO,MX)	0070
	40	Ultraviolet lamps	No.			
	80	Other	. No.			
8539.90.00	00		.X	. 2.6%	Free (A,CA,E,IL,J,	35%
			i.		JO,MX)	
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-	Stat.	,	Unit		Rates of Duty	
Subheading	Suf-	Articte Description	of		1	2
	fix		Quantity	General	Special	
3540		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:				
3540.11 3540.11.10		Color: Non-high definition, non-projection, having a video display diagonal exceeding 35.56 cm	• • • • • • • • •	15%	Free (A+,B,CA,D, E,IL,J,MX)	60%
	30 40	Exceeding 39 cm but not exceeding	No.		9% (JO)	
	50	45 cm	No.			
		50 cm	No.			
	55	Exceeding 50 cm but not exceeding 63 cm	No.			
	65	Exceeding 63 cm but not exceeding 67 cm	No.			
	80	Non-high definition, non-projection, having a video display diagonal not exceeding 35.56 cm;	No.			
8540.11.24	01	Having a video display diagonal not exceeding 34.29 cm	No	7.5%	Free (A+,B,CA,D, E,IL,J,MX)	60%
8540.11.28	01	Other	No	15%	3.7% (JO) Free (A+,B,CA,D, E,IL,J,MX)	60%
8540.11.30	00	High definition, having a video display diagonal exceeding 35.56 cm	No	15%	9% (JO) Free (A+,B,CA,D, E,IL,J,MX)	60%
8540.11.44	01	High definition, having a video display diagonal not exceeding 35.56 cm: Having a video display diagonal not			9% (JO)	
	ŀ	exceeding 34.29 cm	No	7.5%	Free (A+,B,CA,D, E,IL,J,MX)	60%
8540.11.48	01	Other	No	. 15%	3.7% (JO) Free (A+,B,CA,D, E,IL,J,MX)	60%
8540.11.50	00	Other	No	15%	9% (JO) Free (A+,B,CA,D, E,IL,J,MX) 9% (JO)	60%
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Heading/	Stat.	······································	Unit		Rates of Duty	
-	Suf-	Article Description	of		1	2
	fix		Quantity	General	Special	
540 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				
3540.12		monitor cathode-ray tubes (con.): Black and white or other monochrome: Television picture tubes having a straight line dimension across the faceplate greater than 29 cm but having no straight line dimension				
8540.12.10		across the faceplate that exceeds 42 cm: Non-high definition		3.6%	Free (A,B,CA,E, IL,J,JO,MX)	60%
8540.12.20	40 80 00	Other	No. No. No	3.6%	Free (A,B,CA,E,IL, J,JO,MX)	60%
8540.12.50)	Other: Non-high definition		. 3.3%	Free (A+,B,CA,D, E,IL,J,JO,MX)	60%
8540.12.70	40 80	Other	No.	2 20/	Free (A+,B,CA,D,	60%
8540.12.70 8540.20	00	Television camera tubes; image converters and	INO	. 3.3%	E,IL,J,JO,MX)	00%
8540.20.20	5	intensifiers; other photocathode tubes: Cathode-ray tubes		. 6%	Free (A+,B,CA,D, E,IL,J,MX) 3% (JO)	35%
8540.20.4	40) Other	No.	. 3.3%	Free (A+,B,CA,D,	35%
8540.40.0		Data/graphic display tubes, color, with a phosphor dot			E,IL,J,JO,MX)	
8540:50.0	20 40 60 80 00	Exceeding 30 cm but not exceeding 33 cm Exceeding 33 cm but not exceeding 36 cm Exceeding 36 cm	No. No. No. No.	. 3% <u>1</u> / . 3%	Free (A+,B,CA,D, E,IL,J,JO,MX) Free (A+,B,CA,D,	35%
8540.60.0	0	Other cathode-ray tubes		. 3% <u>2</u> /	E,IL,J,JO,MX) Free (A+,B,CA,D, E,IL,J,JO,MX)	35%
	24 6 8	0 Exceeding 30 cm but not exceeding 33 cm 0 Exceeding 33 cm but not exceeding 36 cm	No. No.			
		· ·				

<u>1</u>/ See subheading 9902.85.41. <u>2</u>/ See subheading 9902.85.42.

Subheading		A DE CARA DE C	Unit		Rates of Duty	· · · · · ·
1	Suf- fix	Article Description	of Quantity	General	Special	2
540	TIX		Quantity	General	Special	
540		Thermionic, cold cathode or photocathode tubes (for				
соп.)		example, vacuum or vapor or gas filled tubes, mercury arc				
		rectifying tubes, cathode-ray tubes, television camera				
		tubes); parts thereof (con.):				
		Microwave tubes (for example, magnetrons, klystrons,				1
		traveling wave tubes, carcinotrons), excluding				
		grid-controlled tubes:				1
3540.71		Magnetrons;				
3540.71.20	00	Modified for use as parts of microwave ovens .	No	Free		35%
3540.71.40	00	Other	No	3.7%	Free (A+,CA,D,E,	35%
			,		IL, J, JO, MX)	
3540.72.00	00	Klystrons	No	3.3%	Free (A+,CA,D,E,	35%
	1.1	,			IL, J, JO, MX)	
3540.79.00	00	Other	No	3 7%	Free (A+,CA,D,E,	35%
2040.70.00	100		140	0.1 70	IL,J,JO,MX)	00%
	ł	Other tubes:				
1540.04.00	00		NI.	4.00/	E	0.50/
3540.81.00	00	Receiver or amplifier tubes	NO	4.2%	Free (A+,B,CA,D,	35%
	1			a -	E,IL,J,JO,MX)	
8540.89.00	i i	Other		3.7%	Free (A+,B,CA,D,	35%
					E,IL,J,JO,MX)	1
	20	Gas and vapor electron tubes	Nọ.			
	40	Diodes, triodes and tetrodes	No.			
	60	Light-sensing tubes	No.			
	180					1
		Parts:		li in the second se	1	
8540.91	1	Of cathode-ray tubes:				1
8540.91.15	00		X	54%	Free (A+,B,CA,D,	35%
	1		[** ·····	0.1.70	E,IL,J,MX)	100,0
			1		2.7% (JO)	
8540.91.20		Deflection coils		Free	2.1 /0 (00)	35%
8540.91.50		Other	≎	5 40/	Free (A+,B,CA,D,	35%
0040.81.00	100		[^ ·····	0.470		3076
					E,IL,J,MX)	
			1		2.7% (JO)	
			1			
8540.99		Other:	1			
8540.99.40	00 00		1	1		
l.	1	structures for microwave tubes of subheadings		1		
l.		8540.71 through 8540.79, inclusive	[x	Free		35%
l.						
8540.99.80	00 00	Other	X	Free		35%
	1					1
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- 1	Stat.	Article Description	Unit		Rates of Duty	2
Subheading	Suf- fix	Article Description	of Quantity	General	Special	- ⁻
541	<u></u>	Diodes, transistors and similar semiconductor devices;	Quantity	Conordi	0,001.	
		photosensitive semiconductor devices, including				
	i	photovoltaic cells whether or not assembled in modules				1
		or made up into panels; light-emitting diodes; mounted				
		piezoelectric crystals; parts thereof:	Į			
541.10.00		Diodes, other than photosensitive or light-emitting		I_		1050
		diodes		Free		35%
	40	Unmounted chips, dice and wafers	No.		ł.	1
	50		No.			
	60	Microwave	No.			1
	~~	Other:				
	70	With a maximum current of 0.5 A or less	No.			
	80		No.			1
•		Transistors, other than photosensitive transistors:	1	1		
3541.21.00		With a dissipation rate of less than 1 W		Free	1	35%
	40		No.			
		Other:			1	
	75		No			
	l	than 100 MHz	No.	1	1	
	95	Other	No.	1		
8541.29.00		Other		. Free	1	35%
50 / / E0100	40					
		Other:		1		
	75					1
	1	than 30 MHz	. No.			1
			.			
0544 00 00	95		. No.			1
8541.30.00		Thyristors, diacs and triacs, other than photosensitive devices		Free		35%
•	40		No			
	80	Other				
8541.40	100	Photosensitive semiconductor devices, including				
	•	photovoltaic ceils whether or not assembled in			1	
		modules or made up into panels; light-emitting				
		diodes:				
8541.40.20			. No	. Free		20%
8541.40.60		Other diodes		. Free		35%
	10	Unmounted chips, dice and wafers	, NO.			1
		Solar cells:				
	20		1			
		înto panels	. No.		,	
					1	
	30		No.			
0544 10 -	50			Fran		35%
8541.40.70) 4	Transistors		. Free		33%
	80			1		
	1	Other:				
8541.40.80	0	Optical coupled isolators	. No			35%
8541.40.9		O Other	. No		1	35%
8541.50.00	- I .	Other semiconductor devices	· · · · · · · · ·	Free		35%
	40					
0=44 00 0	8			Free		35%
8541.60.00	1	Mounted piezoelectric crystals	•••••••			5576
ľ í	1	0 32.768 kHz	No			
	2		No.		1	
	3					
	5					
1	6	0 Exceeding 20 MHZ	No.		1	
	8		No.			000
8541.90.0	010	0 Parts	[X	¦ ⊦ree		35%

	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	1 General	Special	2
542		Electronic integrated circuits and microassemblies;	Quentity	General	ореов	
542.10.00	0	parts thereof: Cards incorporating an electronic integrated circuit			•	
542.10.00		("smart" cards)	No	Free		35%
		Monolithic integrated.circuits:		·		
542.21		Digital:				i i
542.21.40	00	For high definition television, having greater than 100,000 gates	No	Free		35%
				1		
542.21.80		Other Unmounted chips, dice and wafers:		Free		35%
	05	Silicon				
	10	Other	No.			
		Silicon:				
		Volatile memory: Dynamic read-write random				
		access (DRAM):				
	21	Not over 1 megabit	No.			
	22	Over 1 megabit but not				
		over 8 megabits	No.			
	23	Over 8 megabits but not	1.,			
		over 16 megabits	NO.			
	24					
		over 64 megabits	No.			
	25	Over 64 megabits but not				
		over 128 megabits	NO.			
	29		No.			
		Static read-write random access (SRAM):				
	31	Not over 256 kilobits	No.			
	32	Over 256 kilobits but not over 2 megabits	No.			
	39	Over 2 megabits Other memory:	. NO.			
		Electrically erasable				
		programmable read-only memory (EEPROM):	1			
	4	Not over 64 kilobits	. No.			
	42	2 Over 64 kilobits but not over 512 kilobits	. No.			
					1	
	4	Over 512 kilobits Erasable (except electrically)	, No.	1		
		programmable read-only				1
	5	memory (EPROM): Not over 64 kilobits	No.			
	5	2 Over 64 kilobits but not				
		over 512 kilobits	. No.			
	59			1		
	10	0 Other	. No.		1	
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Heading/	Stat.		Unit		Rates of Duty	
	Stat. Suf-	Article Description	of		1	2
Sectionaria 1	fix	Ta note provingent	Quantity	General	Special	
542		Electronic integrated circuits and microassemblies;				
con.)		parts thereof (con.):				
····,	1	Monolithic integrated circuits (con.):				
542.21		Digital (con.):				
con.)	1	· · · ·				
542,21.80		Other (con.):				
con.)		Other (een)				1 I
		Other (con.): Silicon (con.):				
		Other, including microprocessors,				
		controllers, application specific				
		integrated circuits (ASIC), and	1			
		programmable logic arrays (PLA):				
		Microprocessors having an				
		internal data bus of:]		1
	71	8 bits or less				
	72 79	16 bits				
	79	Other:	110.	1		
	81					
		logic (TTL)	No.			Į
	82	Emitter-coupled	1.	1		1
		logic (ECL)	. No.	1		
		Other	No.			
	89		, NO.	1		
	91	Other than silicon: Memory	No			
	99		No.			
8542.29.00		Other	.1	. Free		35%
0072120100	11		. No.			
		Other:				
	20) With an operating frequency not less				
		than 100 MHZ	. No.			
	1					
	1	Other:				
1	3	Mixed signal (analog/digital): Logic	No.			
	4		No.			
1	5					1
8542.60.00		Hybrid integrated circuits		. Free		35%
	17	5 With an operating frequency not less than 30 MHZ	No.			
	9	5 Other	. No.	Free		35%
8542.70.0						35%
8542.90.0	0 0					
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~ 1	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	Special	2
543		Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this	Guendy	Gerenan		
3543.11.00		chapter; parts thereof: Particle accelerators: Ion implanters designed for doping				
.040.11.00		semiconductor materials				35%
3543.19.00	00	Other			Free (A,CA,E,IL,J, JO,MX)	
3543.20.00	00	Signal generators	No	2.6%	Free (Á,CÁ,E,IL,J, JÓ,MX)	35%
3543.30.00	00	Machines and apparatus for electroplating, electrolysis or electrophoresis	x	2.6%	Free (A,CA,E,IL,J, JO,MX)	
8543.40.00	00	Electric fence energizers	No	2.6%	Free (A,CA,E,IL,J, JO,MX)	35%
8543.81.00 8543.89	00	Other:	No	Free		35%
8543.89.10	00	Physical vapor deposition apparatus: Machines for processing of semiconductor materials; machines for production of diodes, transistors and similar semiconductor devices and electronic				
		integrated circuits	. No	Free		35%
8543.89.20	00	Other	. No	. 2.5%	Free (A,CA,E,IL,J, JO,MX)	35%
8543.89.40	00	Electric synchros and transducers; flight data recorders; defrosters and demisters with electric resistors for aircraft	. x	. 2.6%	Free (A,C,CA,E,IL,	35%
8543.89.60	00	Articles designed for connection to telegraphic or telephonic apparatus or `instruments or to telegraphic or telephonic			J,JO,MX)	
		networks	. x	. 2.6%	Free (A,B,CA,E,IL, J,JO,MX)	
8543.89.70	0 00		. No	. 2%	Free (A,CA,É,IL,J, JO,MX)	20%
8543.89.80	0 00	Other: Microwave amplifiers	. No	. 2.6%	Free (A,B,CA,E,IL J,JO,MX)	, 35%
8543.89.8	5 00	Other: For electrical nerve stimulation	. No	. Free		35%
8543.89.9	2 00	Electrical machines with translation or dictionary functions; flat panel displays other than for articles of				
		heading 8528				35%
8543.89.9		Other		. 2.6%	Free (A,B,CA,E,IL J,JO,MX)	., 35%
	2 6 7		. No.			
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	Stat.		Unit		Rates of Duty	
Subheading	Suf- fix	Article Description	of Quantity	General	Special	2
8543 (con.)		Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this	Quantity	General	Эресіаі	
8543.90 8543.90.10	00	chapter; parts thereof (con.): Parts: Of physical vapor deposition apparatus	x	Free		35%
		Assemblies and subassemblies for flight data recorders, consisting of two or more parts or				
8543.90.15	00	pieces fastened or joined together: Printed circuit assemblies	x	2.6%	Free (A,B,C,CA,E, IL,J,JO,MX)	35%
8543.90.35	00		x	2.6%	Free (A,B,C,CA,E, IL,J,JO,MX)	35%
8543.90.64	00	Other: Printed circuit assemblies: Of ion implanters of subheading 8543.11; of flat panel displays other than for articles of heading 8528	x	Free		35%
8543.90.68	00		1		Free (A,B,CA,E,IL, J,JO,MX)	35%
8543.90.84	00	of flat panel displays other than for			5,50,10177	
		articles of heading 8528				35%
8543.90.88	45	Other		. 2.6%	Free (A,B,CA,E,IL, J,JO,MX)	35%
	80	Other	. x			
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	Stat.		Unit		Rates of Duty	~
Subheading	Suf- fix	Article Description	of Quantity	General	1 Special	2
3544		Insulated (including enameled or anodized) wire, cable	Gluanity	General		
5344		(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:		ļ		
3544.11.00		Of copper		3.5%	Free (A,B,CA,E,IL,	40%
			1	1	J,JO,MX)	ļ
	20	33 AWG (0.18 mm in diameter) and finer	kg			
	30	22 AWG (0.643 mm in diameter) and finer	j –			1
		but larger than 33 AWG (0.18 mm in	1.	ļ		
		diameter)	kg			
•				l		
	50	Other	kg	2.09/		250/
8544.19.00	00	Other	кд	3.9%	Free (A,B,CA,E,IL, J,JO,MX)	30%
~~ ~ ~ ~ ~ ~ ~			1	E 20/	Free (A,B,CA,E,IL,	25%
8544.20.00	00	Coaxial cable and other coaxial electric conductors	к <u>д</u>	5.576	J.MX)	30 /6
					2.6% (JO)	1
8544.30.00	00	Ignition wiring sets and other wiring sets of a kind			2.070 (0.07	Í
6044.30.00	00	used in vehicles, aircraft or ships	x	5%	Free (A*,B,C,CA,	30%
					E, IL, J, JO, MX)	
	1	Other electric conductors, for a voltage not			_,, , , ,	1
	ļ.	exceeding 80 V:				
8544.41		Fitted with connectors:				
8544.41.40	00	Of a kind used for telecommunications	.[X	. Free		35%
8544.41.80	00		. X	. 2.6%	Free (A,B,CA,E,IL	35%
					J,JO,MX)	
8544.49		Other:	1.	-		400/
8544.49.40		Of a kind used for telecommunications	. kg	. Free		40%
8544.49.80	00	Other	. ×g	. 3.5%	Free (A,B,CA,E,IL	40%
					J,JO,MX)	
ļ.		Other electric conductors, for a voltage exceeding				
054454		80 V but not exceeding 1,000 V: Fitted with connectors:				
8544.51	1~			Free		35%
8544.51.40	70	Other:	1^	. 1 100		0070
8544.51.70			.lx	Free		35%
8544.51.90			.ix	. 2.6%	Free (A,B,CA,E,IL	35%
	10				J,JÓ,MX)	
8544.59	1	Other:	1			
8544.59.20		Of copper		. 5.3%	Free (A,B,CA,E,IL	., 40%
ł					J,JO,MX)	
	4		. kg			
	80		. kg			0.50/
8544.59.40	000	O Other	. kg	. 3.9%	Free (A,B,CA,E,IL	., 33%
					J,JO,MX)	
8544.60		Other electric conductors, for a voltage			1	
8544.60.2	<u>م ا م</u>	exceeding 1,000 V: Fitted with connectors	1x	37%	Free (A,B,CA,E,II	. 35%
0044.00.2	1 0				J,JO,MX)	-' [⁻ ['] [']
	1	Other:	1	1		
8544.60.4	00		kg	3.5%	Free (A,B,CA,E,II	_, 40%
					J,JO,MX)	
8544.60.6	0 0	0 Other	kg	3.2%	Free (A,B,CA,E,II	, 35%
I				F	J,JO,MX)	GE0/
8544.70.0	이이	0 Optical fiber cables	⊢ıberm	, ⊢ree		65%
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Heading/	Stat.		Unit		Rates of Duty	85-6
	Suf-	Article Description	of	1	Prosto	2
	fīx	Carbon electrodes, carbon brushes, lamp carbons,	Quantity	General	Special	
8545		battery carbons and other articles of graphite or other				
		carbon, with or without metal, of a kind used for electrical purposes:				
8545.11.00	00	Electrodes: Of a kind used for furnaces	ka	Free		45%
3545.19		Other:				45%
3545.19.20 3545.19.40	00	Other	kg	Free		45%
3545.20.00 3545.90	00	Other:		1		45%
8545.90.20 8545.90.40		Arc light carbons	kg	Free		60% 45%
8546 8546.10.00	00	Electrical insulators of any material: Of glass	No	2.9%	Free (A,CA,E,iL,J,	50%
8546.20.00		Of ceramics		i i	JO,MX) Free (A,B,CA,E,IL,	60%
5540.20.00					J,JÓ,MX)	
		Used in high-voltage, low-frequency electrical systems:				
	30	Commonly known as suspension, pin-type or line post insulators	No.			
	60					
	90	Other	. No.	Free		30%
8546.90.00	00					
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35-70 Heading/	Stat.		Unit		Rates of Duty	
Subheading	Suf-	Article Description	of Quantity	General	1 Special	. 2
547 9547.10 9547.10.40		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: Insulating fittings of ceramics: Ceramic insulators to be used in the production of spark plugs for natural gas-fueled, stationary, internal combustion engines			Free (A,CA,E,1L,J,	60%
547.10.80	00				JÓ,MX) Free (A,B,CA,E,IL	
3547.20.00 3547.90.00		Insulating fittings of plastics	No	Free 4.6%	J,JO,MX) Free (A,B,CA,E,IL	30% 45%
	10 20	Other insulating fittings Electrical conduit tubing and joints therefor, of base metal lined with insulating material: Conduit tubing			J,JO,MX)	
	30 40		kg kg			
8548 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; electrical parts of machinery or apparatus, not specified or included elsewhere in this chapter: 				
8548.10.0	5 40	used for starting engines	. No. kg . No.	. Free		11.5%
8548.10.1	5 00	Other	kg . kg	Free		Free
8548.10.2		Other:	. No	Free		11.5%
8548.10.3 8548.90.0			kg . kg . X	Free Free		Free 35%

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