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OFFICE OF THE SECRETARY U.S. INTL. TRADE COMMISSION

The Honorable Irving A. Williamson
Chairman
United States International Trade Commission
500 E Street, S.W.
Washington, DC 20436

Dear Chairman Williamson:

Opening markets through elimination of tariff barriers has been an ongoing objective of this Administration. The successful conclusion of the Information Technology Agreement (ITA) in 1996 opened markets in 42 countries to U.S. exports of computers, semiconductors, telecommunications, software, and other electronics products. The ITA now includes 74 Participants representing 97 percent of trade in the products covered by the agreement. The elimination of duties under the ITA has helped to generate substantial growth in trade of information and communications technology (ICT) goods.

On June 30, 1997, under the authority provided in Section 111(b) of the Uruguay Round Agreements Act (URAA), the President proclaimed the reduction and eventual elimination of duties for products covered by the ITA. In section 111(b) of the URAA, Congress authorized the President to proclaim further modifications of any duty for articles contained in a tariff category that was part of a "zero-for-zero" (that is, reciprocal duty elimination) initiative during the Uruguay Round.

Early on, the ITA Participants recognized that rapidly changing technology and innovation cycles in the ICT sector, as well as differences in tariff nomenclature, made it essential that the product coverage under the agreement be subject to review and expansion. At a May 15, 2012, meeting in Geneva, there was broad agreement among ITA Participants to proceed with negotiations, which will be conducted under the auspices of the WTO, to expand ITA product coverage. A number of ITA Participants have prepared a draft list of products that could be considered for addition to ITA product coverage, and a more formal negotiating process is expected to commence in September. This list of products is attached.

On May 6, 2011, USTR published a notice in the *Federal Register* requesting comments on additional ICT products the United States should seek to include in and provide duty-free treatment for under the ITA, including both products that existed when the ITA was concluded in 1996, but that were not covered under the agreement, as well as products that have been developed since then. USTR also sought comments regarding which U.S. trading partners that are significant producers or consumers of ICT products that are not currently participants in the ITA, the United States should seek to have join the ITA. We received considerable detailed advice from U.S. stakeholders concerning both products that might be included in discussions in

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an ITA expansion process, and trading partners that the United States should seek to have join the ITA.

Therefore I request, pursuant to section 115 of the URAA (19 U.S.C. 3524) and section 332(g) of the Tariff Act of 1930 (19 U.S.C. 1332(g)), that the Commission provide advice and information to USTR on the list of ICT products attached to this letter. This advice and information should be delivered in two reports.

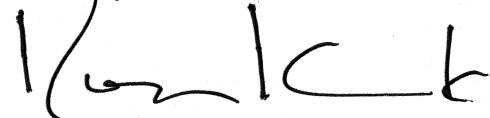
In the first report, I request that the Commission, to the extent practicable, based on available information and information furnished by interested parties in response to the Commission's notice of investigation: (1) indicate both the ICT and non-ICT purposes for which each product on the attached list is used; and (2) identify the products that U.S. industry and other interested parties view as import-sensitive. I request that the Commission provide this report no later than October 24, 2012.

In the second report, I request that the Commission, to the extent practicable, identify for each of the products on the attached list: (1) tariffs in major markets; (2) major producing countries; (3) leading U.S. export markets; and (4) leading sources of U.S. imports. I also request that the Commission provide an overview of selected key subsectors, and to the extent practicable, examine benefits to the U.S. industry of ITA expansion, including information on increased market access and export opportunities for products in these subsectors. I request that the Commission provide this second report no later than February 15, 2013.

It is the intent of this office that the Commission's reports be made available to the general public in their entirety. Therefore, the reports should not contain any confidential business or national security classified information.

Should my office, in the course of the Commission's investigation, identify information that clarifies definitions of the products on the attached list, we will formally notify that information to the Commission in writing. I appreciate your assistance and cooperation on this matter and look forward to working with you and your staff on these issues in the future.

Sincerely,

A handwritten signature in black ink, appearing to read "Ron Kirk", written over a horizontal line.

Ambassador Ron Kirk

Enclosures

ATTACHMENT A - bis

COVER NOTE: The following products have been proposed by Members to be subject to the obligations set out in the Information Technology Agreement. Some products included in this list may already be covered by the Agreement; the proposals for these items are without prejudice to participants' existing rights and obligations under the Agreement and the GATT 1994.

1	2	3	4
HS 2007	ex	Proposed Product Description	Comments
321511		Printing ink, black	There is more than one proposal for this HS code.
	ex	Printing ink (black) packaged in the ink jet cartridge	
321519		Printing ink, other than black	There is more than one proposal for this HS code.
	ex	Printing ink (other than black) packaged in the ink jet cartridge	
321590		Inks, other than printing ink	
350691	ex	Optically clear free-film adhesives for the manufacture of displays and touch screen panels	
370110		For X-ray (Photographic plates and film in the flat, sensitised, unexposed, of any material other than paper, paperboard or textiles; instant print film in the flat, sensitised, unexposed, whether or not in packs.)	
370130		Other plates and film, with any side exceeding 255 mm	
370199		Other ((Photographic plates and film in the flat, sensitised, unexposed, of any material other than paper, paperboard or textiles; instant print film in the flat, sensitised, unexposed, whether or not in packs.)	
370242		Of a width exceeding 610 mm and of a length exceeding 200 m, other than for colour photography (Other film, without perforations, of a width exceeding 105 mm)	
370243		Of a width exceeding 610 mm and of a length not exceeding 200 m (Other film, without perforations, of a width exceeding 105 mm)	
370244		Of a width exceeding 105 mm but not exceeding 610 mm (Other film, without perforations, of a width exceeding 105 mm)	
370590		Other photographic plates and film, exposed and developed, other than motion-picture film, including photomasks and reticules	
370710		Sensitizing emulsions	
370790		Other (Chemical preparation for photographic uses (other than varnishes, glues, adhesives and similar preparations); unmixed products for photographic uses, put up in measured portions or put up for retail sale in a form ready for use)	
390730	ex	Epoxide resins molding compounds for semiconductor encapsulation	There is more than one proposal for this HS code.
	ex	Glass and epoxy, cotton paper and epoxy, phenolic cotton paper and woven glass and epoxy resins for the manufacture of printed circuits	
392061	ex	Optical films of polycarbonates for the manufacture of LCD / LED displays and screens	
392062	ex	Optical films of poly(ethylene terephthalate) for the manufacture of LCD / LED displays and screens	
392190	ex	Other plates, sheets, film, foil and strip of plastics, flexible, not reinforced with paper or combined with textile materials for the manufacture of printed circuits	
392310	ex	Articles of plastic for the conveyance, packing or shipping of semiconductor wafers, masks, and reticles	
392690	ex	Plastic enclosures or cases for use in goods classified in 85.17	There is more than one proposal for this HS code.
	ex	Other articles of plastics for use in telecommunication and ICT devices	
481190		Other paper, paperboard, cellulose wadding and webs of cellulose fibres	
490700	ex	Documents of title, specifically licenses to use software in printed form	
491110	ex	Coded key cards, stored value cards and point of sale activation (POSA) cards for downloads and/or activation of games and software and other internet content and services and telecommunications services, or licenses to use software that are not documents of title	
491199	ex	Coded key cards, stored value cards and point of sale activation (POSA) cards for downloads and/or activation of games and software and other internet content and services and telecommunications services, or licenses to use software that are not documents of title	
690310	ex	Graphite or SiC (silicon carbide) crucible for the manufacture of semiconductor devices	
690911	ex	Ceramic wares of a kind used for the production or processing of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits, or flat panel displays	
690919	ex	Ceramic wares of a kind used for the production or processing of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits, or flat panel displays	
700220	ex	Unworked glass rods of fused quartz or other fused silica to provide optical elements for microlithography for semiconductor manufacturing	
700231	ex	Unworked glass tubes of fused quartz or other fused silica to provide optical elements for microlithography for semiconductor manufacturing	
700600		Glass of heading 70.03, 70.04 or 70.05, bent, edge-worked, engraved, drilled, enamelled or otherwise worked, but not framed or fitted with other materials	There is more than one proposal for this HS code.
	ex	High purity fused silica plates for the manufacture of photoblanks or photomasks, or otherwise designed for the manufacture or processing of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits, flat panel displays, automatic data processing machines or units thereof, or telecommunications equipment or parts or accessories of any of the foregoing	
701400	ex	Signaling glassware and optical elements for the manufacture of semiconductor boules or wafers, semiconductor devices, integrated circuits or flat panel displays	
701710	ex	Articles of quartz or fused silica for the manufacture of or processing of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits or flat panel displays	

1	2	3	4
HS 2007	ex	Proposed Product Description	Comments
702000	ex	Articles of quartz or fused silica for the manufacture of or processing of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits or flat panel displays	
741011	ex	Copper foil of refined copper not backed of thickness not exceeding 0.15mm designed for printed circuits	
741021	ex	Copper clad laminates backed with paper, paperboard, plastics, or similar backing materials of a thickness (excluding any backing) not exceeding 0.15 mm	
841381		Pumps (Other pumps; liquid elevators)	
841410	ex	Vacuum pumps of a kind used for the production of semiconductors or flat panel displays	
841459		Other Fans	There is more than one proposal for this HS code.
	ex	Fans and fan trays designed for cooling and insertion into microprocessors, computer hard drives, automatic data processing machines and units therefore, and telecommunications equipment	
841490	ex	Parts of fans and fan trays designed for cooling and insertion into microprocessors, computer hard drives, automatic data processing machines and units therefore, and telecommunications equipment	
841510	ex	Air conditioning machines which have apparatus for communication in wired or wireless network (of window or wall types, self-contained or "split-system")	There is more than one proposal for this HS code.
	ex	Air conditioning machines which can process digital signals or communicate with or without lines	
841810	ex	Combined refrigerator-freezers, fitted with separate external doors which can process digital signals or communicate with or without lines	
841821	ex	Household type and compression-type refrigerators which have apparatus for communication in wired or wireless network	There is more than one proposal for this HS code.
	ex	Refrigerators, household type : Compression-type, which can process digital signals or communicate with or without lines	
841829	ex	Refrigerators, household type : not compression-type, which can process digital signals or communicate with or without lines	
841899	ex	Parts of house hold type refrigerators, freezers and other refrigerating or freezing equipment electric or other; heat pumps, where the parts are related to the functions that process digital signals or communicate with or without lines.	
841939	ex	Spin dryers for machines and mechanical appliances for making semiconductors, flat panel displays and PCAs	
841950	ex	Heat exchange units to be used for the production of semiconductors and flat panel displays	
842010	ex	Roll laminators and laminate presses of a kind used for the production of printed circuits	
842129	ex	Liquid filtering equipment for semiconductor and flat panel display manufacturing	
842139	ex	Gas filtering equipment for semiconductor and flat panel display manufacturing	
842199	ex	Parts of filtering equipment for semiconductor and flat panel display manufacturing	
842489	ex	Spraying apparatus for etching, developing, stripping, or cleaning; or application of coating or sealants manufacture of printed circuits or printed circuit assemblies	
842490	ex	Parts for spraying apparatus for etching, developing, stripping or cleaning; or application of coating or sealants for the manufacture of printed circuits or printed circuit assemblies	
842890	ex	Other machines for lifting, handling, loading or unloading printed circuits or substrates for the manufacture of printed circuit or printed circuit assemblies	
843139	ex	Hard disk process carriers, transport carriers and similar items specially designed for the manufacturing, transport, or storage of hard disk drive components	
844230		Machinery, apparatus, and equipment	
844240		Parts of the foregoing machinery, apparatus, or equipment	
844250		Plates, cylinders and other printing components; plates, cylinders and lithographic stones, prepared for printing purposes (for example, planed, grained or polished)	There is more than one proposal for this HS code.
	ex	Masks (Plates) for applying solder, adhesive, or sealant or legend (for marking component placement) or other labeling to printed circuits or substrates for the manufacture of printed circuits assemblies or printed circuits	
	ex	Plates for applying solder, flex adhesive, or sealants to printed circuits	
844319		Other (Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442)	
844331		Machines which perform two or more of the functions of printing, copying or facsimile transmission, capable of connecting to an automatic data-processing machine or to a network	
844332		Other, capable of connecting to an automatic data processing machine or to a network (Other printers, copying machines, and facsimile machines, whether or not combined)	There is more than one proposal for this HS code.
	ex	Screen printing machinery for the manufacture of printed circuit boards or printed wiring boards	
844339		Other (Other printers, copying machines and facsimile machines, whether or not combined)	
844391		Parts and accessories of printing machinery used for printing by means of plates, cylinders, and other printing components of heading 8442.	There is more than one proposal for this HS code.
	ex	Parts of Masks (Plates) for applying solder, adhesive, or sealant or legend (for marking component placement) or other labeling to printed circuits or substrates for the manufacture of printed circuits assemblies or printed circuits; Parts of plates for applying solder, flex adhesive, or sealants to printed circuits	
844399		Parts and Accessories, Other (Printing machinery used for printing by means of plates, cylinders and other printing components of heading 8442; other printers, copying machines and facsimile machines, whether or not combined; parts and accessories thereof)	

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HS 2007	ex	Proposed Product Description	Comments
845011	ex	Fully-automatic household or laundry-type washing machines which have apparatus for communication in wired or wireless network	There is more than one proposal for this HS code.
	ex	Household or laundry-type fully-automatic washing machines, which can process digital signals or communicate with or without lines	
845012	ex	Household or laundry-type washing machines, which can process digital signals or communicate with or without lines	
845019	ex	Household or laundry-type washing machines, including machines which both wash and dry, which can process digital signals or communicate with or without lines	
845090	ex	Parts of household or laundry-type washing machines, where the parts are related to the functions that process digital signals or communicate with or without lines.	
845610	ex	Machine tools operated by laser or other light or photo beam processes for drilling, routing, or marking printed circuit substrates or printed circuits	There is more than one proposal for this HS code.
	ex	Machine tools operated by laser or other light or photo beam processes for use in cutting process or drilling holes in printed circuits, parts of mobile devices, semiconductor or flat panel displays.	
845620	ex	Machine-tools operated by ultrasonic processes for use in machining printed circuits, parts of mobile devices, semiconductor or flat panel displays.	
845630	ex	Machine tools operated by electro-discharge processes for cutting wafers	
845690	ex	Plasma cleaner machines that remove organic contaminants from electron microscopy specimens and specimen holders in semiconductor production process	
845710	ex	Machining centres of a kind used for the production of parts of mobile devices, automatic data processing machines, semiconductor or flat panel displays.	
845811	ex	Numerically controlled (horizontal lathes) of a kind used for the production of parts of mobile devices, automatic data processing machines, semiconductor or flat panel displays.	
845891	ex	Numerically controlled (other lathes) of a kind used for the production of parts of mobile devices, PC, semiconductor and flat panel displays.	
845921	ex	Numerically controlled (other drilling machines) of a kind used for the production of parts of mobile devices, automatic data processing machines, semiconductor or flat panel displays.	
845961	ex	Numerically controlled (Other milling machines) numerically controlled (other drilling machines) of a kind used for the production of parts of mobile devices, automatic data processing machines, semiconductor or flat panel displays.	
846150	ex	Sawing or cutting-off machines of a kind used for the production of parts of mobile devices, automatic data processing machines.	
846210	ex	Forging or die-stamping machines (including presses) and hammers of a kind used for the production of parts of mobile devices, automatic data processing machines.	
846221	ex	Numerically controlled (Bending, folding, straightening or flattening machines (including presses)) of a kind used for the production of parts of mobile devices, automatic data processing machines.	
846592	ex	Milling or molding (by cutting) machines of a kind used for the production of printed circuits	There is more than one proposal for this HS code.
	ex	Milling or molding (by cutting) machines of a kind used for the production of printed circuits, or parts of mobile devices, automatic data processing machines, or flat panel displays.	
846593	ex	Grinding, sanding or polishing machines of a kind used for the production of parts of mobile devices, automatic data processing machines.	
846595	ex	Drilling machines for drilling holes in printed circuits or printed circuit laminate	There is more than one proposal for this HS code.
	ex	Drilling or mortising machines for use in drilling holes in printed circuits, parts of mobile devices, semiconductor or flat panel displays.	
846900		Typewriters other than printers of heading 84.43; wordprocessing machines.	
847210		Duplicating machines	
847230		Machines for sorting or folding mail or for inserting mail in envelopes or bands, machines for opening, closing or sealing mail and machines for affixing or cancelling postage stamps	
847290	ex	Automatic banknote dispensers, coinsorting machines, coin-counting, and other currency coin handling machines	
847310		Parts and accessories of the machines of heading 84.69	
847340		Parts and accessories of the machines of heading 8472	There is more than one proposal for this HS code.
	ex	Parts and accessories of the machines of heading 847210, automatic banknote dispensers, coinsorting machines, coin-counting in 847290, and other currency coin handling machines, and automatic teller machines in 847290	
847521		Machines for making optical fibers and preforms thereof	
847590	ex	Parts for machines described in 8475.21	
847689	ex	Money-changing machines	
847690	ex	Parts of money-changing machines and DVD vending kiosks	
847950		Industrial robots, not elsewhere specified or included	
847982	ex	Mixing, kneading or stirring machines, specifically machines for mixing etchant solutions for printed circuit assemblies	
847989	ex	Machines and mechanical appliances having individual functions which have apparatus for communication in wired or wireless network (not specified or included elsewhere in Chapter 84, other than those of subheadings 8479.10 to 8479.82)	There is more than one proposal for this HS code.
	ex	Automated electronic component placement machines for the manufacture of printed circuit assemblies	

1	2	3	4
HS 2007	ex	Proposed Product Description	Comments
847990	ex	Parts for automated electronic component placement machines for the manufacture of printed circuit assemblies in subheading 847989	There is more than one proposal for this HS code.
	ex	Parts for covered articles in heading 8479	
848071	ex	Injection and compression moulds for the manufacture of semiconductor devices	
848110	ex	Pressure -reducing valves of a kind used for the production of semiconductor and flat panel display	
848130	ex	Check (nonreturn) valves of a kind used for the production of semiconductor and flat panel display	
848140	ex	Safety and release valves of a kind used for the production of semiconductor and flat panel display	
848180	ex	Hand operated-valves of a kind used for the production of semiconductor and flat panel display manufacturing	
848190	ex	Parts of covered valves	
848610		Machines and apparatus for the manufacture of boules or wafers	
848620		Machines and apparatus for the manufacture of semiconductor devices or of electronic integrated circuits	
848630		Machines and apparatus for the manufacture of flat panel displays	
848640		Machines and apparatus specified in Note 9(C) to this Chapter	
848690		Parts and accessories (Machines and apparatus of a kind used solely or principally for the manufacture of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits or flat panel displays; machines and apparatus specified in Note 9 (C) to this chapter; parts and accessories)	
850110		Motors of an output not exceeding 37.5 W	
850151		Of an output not exceeding 750 W (Other AC motors, multi-phase)	
850152		Of an output exceeding 750 W but not exceeding 75 kW (Other AC motors, multi-phase)	
850163		Of an output exceeding 375 kVA but not exceeding 750 kVA (AC generators (alternators))	
850164		Of an output exceeding 750 kVA (AC generators (alternators))	
850300		Parts suitable for use solely or principally with the machines of heading 8501 or 8502	
850410		Ballasts for discharge lamps or tubes	
850421		Having a power handling capacity not exceeding 650 kVA (Liquiddielectric transformers)	
850422		Having a power handling capacity exceeding 650kVA but not exceeding 10,000 kVA (Liquiddielectric transformers)	
850423		Having a power handling capacity exceeding 10,000 kVA (Liquid dielectric transformers)	
850431		Having a power handling capacity not exceeding 1 kVA (Other transformers)	
850432	ex	Transformers having a power handling capacity exceeding 1 kVA but not exceeding 16 kVA for telecommunications equipment	
850433	ex	Transformers having a power handling capacity exceeding 16 kVA but not exceeding 500 kVA for telecommunications equipment	
850440		Static converters	
850450		Other Inductors	
850490		Parts of power supplies for automatic data processing machines or units thereof of heading 8471; of power supplies for goods of subheading 8443.31 or 8443.32; of power supplies for monitors of subheading 8528.41 or 8528.51 or projectors of subheading 8528.61.	There is more than one proposal for this HS code.
	ex	Parts for transformers for telecommunications equipment, static converters and inductors	
850511		Of metal (Permanent magnets and articles intended to become permanent magnets after magnetization)	
850519		Other than of metal (Permanent magnets and articles intended to become permanent magnets after magnetisation)	
850520		Electromagnetic couplings, clutches and brakes	
850590	ex	Electromagnets and permanent magnets designed for magnetic resonance imaging apparatus	
850610		Manganese dioxide (Primary cells and primary batteries)	
850650		Lithium (Primary cells and primary batteries)	
850720	ex	Other lead-acid storage batteries, excluding those used in motor vehicles	There is more than one proposal for this HS code.
	ex	Lead-acid accumulators for use in goods classified in 85.17	
850730	ex	Nickel-cadmium storage batteries, excluding those used in motor vehicles	
850740	ex	Nickel-iron electric storage batteries, excluding those used in motor vehicles	
850780		Other accumulators	There is more than one proposal for this HS code.
	ex	Other storage batteries excluding those used in motor vehicles	
	ex	Lithium-ion accumulators for use in goods classified in 85.17	
850790	ex	Parts, excluding parts used in batteries for use in motor vehicles	
851310	ex	Lamps using a LED light module as primary light source	
851390	ex	Parts for lamps using a LED light module as primary light source	
851430	ex	Solder ovens of a kind used for the production of printed circuits or printed circuit assemblies	There is more than one proposal for this HS code.
	ex	Five stage convection ovens of a kind used for the production of printed circuits	
851440	ex	Other equipment for the heat treatment of materials by induction or dielectric loss for the purpose of semiconductor manufacturing	
851490	ex	Parts for furnaces and ovens of a kind used for the production of printed circuits or printed circuit assemblies	
851519	ex	Other waver soldering machines for the manufacture of printed circuits and printed circuit assemblies	
851590	ex	Parts for covered articles in 8515.	
851650	ex	Microwave ovens which have apparatus for communication in wired or wireless network	

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HS 2007	ex	Proposed Product Description	Comments
851660	ex	Electric ovens, other than microwave ovens which have apparatus for communication in wired or wireless network; cookers, cooking plates, boiling rings, grillers and roasters which have apparatus for communication in wired or wireless network	
851679	ex	Electro-thermic appliances of a kind used for domestic purposes which have apparatus for communication in wired or wireless network (other than those of subheadings 8516.10 to 8516.72)	
851761		Base stations	
851762		Machines for the reception, conversion and transmission or regeneration of voice, images or other data, including switching and routing apparatus.	
851769		Other (Other apparatus for transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network)).	There is more than one proposal for this HS code.
	ex	Other voices, images or data reception apparatus for radiotelephony or radiotelegraphy	
851770		Parts (Telephone sets, including telephones for cellular networks or for other wireless networks; Parts of other apparatus for the transmission or reception of voice, images or other data, including apparatus for communication in a wired or wireless network (such as a local or wide area network), other than transmission or reception apparatus of headings 84.43, 85.25, 85.27 or 85.28)	
851810		Microphones and stands therefore	There is more than one proposal for this HS code.
	ex	Microphones condenser, with a diameter of not exceeding 15 mm and wireless microphones, including transmission apparatus	
	ex	Microphones and stands therefore	
851821		Single loudspeakers, mounted in their enclosures	
851822		Multiple loudspeakers, mounted in the same enclosure	
851829		Other (Loudspeakers, whether or not mounted in their enclosures)	There is more than one proposal for this HS code.
	ex	Loudspeakers, whether or not mounted in their enclosures, other	
851830		Headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers	There is more than one proposal for this HS code.
	ex	Headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers	
	ex	Wireless handsets for telephonic apparatus	
	ex	Other wireless combined microphone / speaker sets	
851840		Audio-frequency electric amplifiers	
851850		Electric sound amplifier sets	
851890		Parts (Microphones and stands therefor; loudspeakers, whether or not mounted in their enclosures; headphones and earphones, whether or not combined with a microphone, and sets consisting of a microphone and one or more loudspeakers; audio-frequency electric amplifiers; electric sound amplifier sets.)	
851920		Apparatus operated by coins, banknotes, bank cards, tokens or by other means of payment	
851930		Turntables (record-decks)	
851981		Using magnetic, optical or semiconductor media (Sound recording or reproducing apparatus- Other apparatus)	
851989		Other (Sound recording or reproducing apparatus)	
852110		Magnetic tape-type	
852190		Other (Video recording or reproducing apparatus, whether or not incorporating a video tuner)	
852210		Pick-up cartridges	
852290		Other (Parts and accessories suitable for use solely or principally with the apparatus of headings 85.19 to 85.21)	There is more than one proposal for this HS code.
	ex	Other, including multi-component Integrated circuits incorporated as a part of electronic surveillance equipment, but excluding cabinets and cases of wood	
852321		Cards incorporating a magnetic stripe	There is more than one proposal for this HS code.
	ex	Cards incorporating a magnetic stripe, use for recording data or programs in code form for automatic data processing machines, whether or not recorded.	
852329		Other (Magnetic media)	
852340		Optical media	
852351		Solid-state non-volatile storage devices	
852352		Smart cards	
852359		Other (Semiconductor media)	
852380		Other (Discs, tapes, solid-state non-volatile storage devices, "smart cards" and other media for the recording of sound or of other phenomena, whether or not recorded, including matrices and masters for the production of discs, but excluding products of Chapter 37.)	There is more than one proposal for this HS code.
	ex	Other, other than acetate discs for record players (Discs, tapes, solid-state non-volatile storage devices, "smart cards" and other media for the recording of sound or of other phenomena, whether or not recorded, including matrices and masters for the production of discs, but excluding products of Chapter 37.)	
852550		Transmission apparatus	
852560		Transmission apparatus incorporating reception apparatus	
852580		Television cameras, digital cameras and video camera recorders	

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HS 2007	ex	Proposed Product Description	Comments
852610		Radar apparatus	
852691		Radio navigational aid apparatus	
852692		Radio remote control apparatus	
852712		Pocket-size radio cassette-players	
852713		Other apparatus combined with sound recording or reproducing apparatus	
852719		Other (Reception apparatus for radio-broadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock.)	
852721		Other radio-broadcast receivers capable of operating without an external source of power	
852729		Other (Reception apparatus for radio-broadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock.)	
852791		Combined with sound recording or reproducing apparatus	
852792		Not combined with sound recording or reproducing apparatus but combined with a clock	
852799		Other (Reception apparatus for radio-broadcasting, whether or not combined, in the same housing, with sound recording or reproducing apparatus or a clock.)	
852849		Other (Cathode-ray tube monitors)	
852859		Other (Other monitors)	
	ex	Monitors, not incorporating television reception apparatus with a diagonal size of 24 inches or less (excl with cathode ray tube and those of a kind solely or principally used in an automatic data-processing machine of heading 8471)	There is more than one proposal for this HS code.
852869		Other (Projectors)	
852871		Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus, not designed to incorporate a video display or screen	
852872		Other, colour (Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus)	
	ex	Reception apparatus for television, colour, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus, designed to incorporate a video display or screen with a diagonal size of 24 inches or less	There is more than one proposal for this HS code.
852873		Other, black and white or other monochrome (Reception apparatus for television, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus)	
	ex	Reception apparatus for television, black and white or other monochrome, whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus, designed to incorporate a video display or screen with a diagonal size of 24 inches or less	There is more than one proposal for this HS code.
852910		Aerials and aerial reflectors of all kinds; parts suitable for use therewith	
	ex	Other aerials and aerial reflectors of a kind used with transmission apparatus for radio-broadcasting or television	There is more than one proposal for this HS code.
852990		Other (Parts suitable for use solely or principally with the apparatus of headings 85.25 to 85.28.)	
	ex	Other, including multi-component integrated circuits incorporated as a part of set-top box, but excluding cabinets and cases of wood	There is more than one proposal for this HS code.
853010		Equipment for railways or tramways (Electrical signalling, safety or traffic control equipment for railways, tramways, roads, inland waterways, parking facilities, port installations or airfields (other than those of heading 86.08))	
853080		Other equipment (Electrical signalling, safety or traffic control equipment for roads, inland waterways, parking facilities, port installations or airfields (other than those of heading 86.08))	
853090		Parts (Electrical signalling, safety or traffic control equipment which is controlled with automatic data processing machines (other than those heading 86.08))	
853180		Other apparatus (Electric sound or visual signalling apparatus (for example, bells, sirens, indicator panels, burglar or fire alarms), other than those of heading 85.12 or 85.30.)	
	ex	CRT indicator panels and displays	There is more than one proposal for this HS code.
853190		Parts (Electric sound or visual signalling apparatus (for example, bells, sirens, indicator panels, burglar or fire alarms), other than those of heading 85.12 or 85.30)	
	ex	Parts of Electric sound or visual signalling apparatus, other than those of heading 85.12 or 85.30. (excluding for burglar or fire alarms and similar apparatus)	There is more than one proposal for this HS code.
853540		Lightning arresters, voltage limiters and surge suppressors	
853590		Other (Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, fuses, lightning arresters, voltage limiters, surge suppressors, plugs and other connectors, junction boxes), for a voltage exceeding 1,000 volts.)	
853610		Fuses	
853620		Automatic circuit breakers	
853630		Other apparatus for protecting electrical circuits	
	ex	Power strips and surge protectors	There is more than one proposal for this HS code.
853641		For a voltage not exceeding 60 V (Relays)	
	ex	Electrical relays for a voltage not exceeding 60v designed for industrial automation applications	There is more than one proposal for this HS code.
853649		Other (Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp-holders and other connectors, junction boxes), for a voltage not exceeding 1,000 volts; connectors for optical fibres, optical fibre bundles or cables.)	
	ex	Other relays designed for industrial automation applications	There is more than one proposal for this HS code.
853650		Other switches	

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HS 2007	ex	Proposed Product Description	Comments
853661		lamp-holder	
853669		Other (lamp-holders, plugs, and sockets)	
853670		Connectors for optical fibres, optical fibre bundles or cables	
853690		Other apparatus (Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp-holders and other connectors, junction boxes), for a voltage not exceeding 1,000 volts; connectors for optical fibres, optical fibre bundles or cables.)	There is more than one proposal for this HS code.
	ex	Wafer probing plates, probe cards, prober docking hardware, prober docking manipulator, or other items designed for testing semiconductor wafers	
853710		For a voltage not exceeding 1,000 V (Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading 85.35 or 85.36, 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 85.17.)	
853720		For a voltage exceeding 1,000 V (Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading 85.35 or 85.36, 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 85.17.)	
853810		Boards, panels, consoles, desks, cabinets and other bases for the goods of heading 85.37, not equipped with their apparatus	
853890		Other (Parts suitable for use solely or principally with the apparatus of heading 85.35, 85.36 or 85.37.)	There is more than one proposal for this HS code.
	ex	Parts for items in 8536 and 8537, specifically printed circuit assemblies, molded parts, other parts of switchgear, switchboards, panel boards and distribution boards and adaptors of heading 8537	
853939	ex	Cool cathode lamp for the manufacture of flat panel displays	
853949		Other (Ultra-violet or infra-red lamps; arc-lamps)	
854011		Colour (Cathode-ray television picture tubes, including video monitor cathode-ray tubes)	
854012		Black and white or other monochrome (cathode-ray television picture tubes, including video monitor cathode-ray tubes)	
854020		Television camera tubes; image converters and intensifiers; other photo-cathode tubes	There is more than one proposal for this HS code.
	ex	Television camera tubes; image converters and intensifiers; other photo-cathode tubes, for use with articles of headings 85.25	
854040		Data/graphic display tubes, colour, with a phosphor dot screen pitch smaller than 0.4 mm	There is more than one proposal for this HS code.
	ex	Data/graphic display tubes, colour, with a phosphor dot screen pitch smaller than 0.4 mm, for use with articles of headings 85.25	
854050		Data/graphic display tubes, black and white or other monochrome	There is more than one proposal for this HS code.
	ex	Data/graphic display tubes, black and white or other monochrome, for use with articles of headings 85.25	
854060		Other cathode-ray tubes	There is more than one proposal for this HS code.
	ex	Other cathode-ray tubes, for use with articles of headings 85.25	
854071		Magnetrons (Microwave tubes (for example, magnetrons, klystrons, travelling wave tubes, carcinotrons), excluding grid-controlled tubes)	There is more than one proposal for this HS code.
	ex	Magnetrons, for use with articles of headings 85.25	
854072		Klystrons (Microwave tubes (for example, magnetrons, klystrons, travelling wave tubes, carcinotrons), excluding grid-controlled tubes)	
854079		Other (Microwave tubes (for example, magnetrons, klystrons, travelling wave tubes, carcinotrons), excluding grid-controlled tubes)	There is more than one proposal for this HS code.
	ex	Other microwave tubes, for use with articles of headings 85.25	
854081		Receiver or amplifier valves and tubes	There is more than one proposal for this HS code.
	ex	Receiver or amplifier valves and tubes, for use with articles of headings 85.25	
854089		Other (Other valves and tubes)	
854091		Of cathode-ray tubes (Parts)	
854099		Other (Parts of Microwave tubes (for example, magnetrons, klystrons, travelling wave tubes, carcinotrons), excluding grid-controlled tubes)	There is more than one proposal for this HS code.
	ex	Parts of valves and tubes, other than cathode-ray, for use with articles of headings 85.25	
854231		Processors and controllers, whether or not combined with memories, converters, logic circuits, amplifiers, clock and timing circuits, or other circuits (Electronic integrated circuits)	
854232		Memories (Electronic integrated circuits)	
854233		Amplifiers (Electric integrated circuits)	
854239		Other (Electronic integrated circuits)	
854310		Particle accelerators	
854320		Signal generators	
854330	ex	Electroplating and electrolysis machines for applying various metals to printed circuits and printed circuit assemblies	
854370		Other machines and apparatus (Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this Chapter.)	There is more than one proposal for this HS code.
	ex	Articles designed for connection to telegraphic or telephonic apparatus or instruments or to telegraphic or telephonic networks	
	ex	Microwave amplifiers	

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HS 2007	ex	Proposed Product Description	Comments
854390		Parts (Electrical machines and apparatus, having individual functions, not specified or included elsewhere in this Chapter.)	
	ex	Parts of signal generators; electroplating and electrolysis machines for copper to printed circuits and printed circuit substrates; articles designed for connection to telegraphic or telephonic apparatus or instruments or to telegraphic or telephonic networks; microwave amplifiers; and electrical machines with translation or dictionary functions. Printed circuit assemblies for parts of equipment in 8543	There is more than one proposal for this HS code.
854411		Of copper (Winding Wire) (Insulated (including enamelled or anodised) wire, cable (including co-axial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors.)	
854419		Other (Winding Wire) (Insulated (including enamelled or anodised) wire, cable (including co-axial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors.)	
854420		Coaxial cable and other coaxial electric conductors	
854442		Fitted with connectors (Other electric conductors, for a voltage not exceeding 1,000 V)	
854449		Other (Other electric conductors, for a voltage not exceeding 1,000 V)	
854460		Other electric conductors, for a voltage exceeding 1,000 V (Other electric conductors, for a voltage not exceeding 1,000 V)	
854519		Other (Electrodes) (Carbon electrodes, carbon brushes, lamp carbons, battery carbons and other articles of graphite or other carbon, with or without metal, of a kind used for electrical purposes.)	
854590	ex	Other carbon, with or without metal, of a kind used for electrical purpose (excluding carbons rod, electrodes, brushes)	
854710	ex	Insulated fittings of ceramics for the manufacture of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits or flat panel displays	
854790	ex	Quartz or fused silica insulated fittings for the manufacture of semiconductor boules or wafers, semiconductor devices, electronic integrated circuits or flat panel displays	
880260	ex	Communications satellites	
880390	ex	Parts of communications satellites	
900110		Optical fibres, optical fibre bundles and cables	
900120		Sheets and plates of polarising material	
900190		Other (Optical fibres and optical fibre bundles; optical fibre cables other than those of heading 85.44; sheets and plates of polarising material; lenses (including contact lenses), prisms, mirrors and other optical elements, of any material, unmounted, other than such elements of glass not optically worked.)	
	ex	Optical elements for the manufacture of semiconductor boules or wafers, semiconductor devices, lithography equipment, electronic integrated circuits, flat panel displays, automatic data processing machines or units thereof (wherever classified), or telecommunications equipment or parts or accessories of any of the foregoing	There is more than one proposal for this HS code.
	ex	Optical films cut to shape and size for the manufacture of LCD / LED displays and screens	
900211		For cameras, projectors or photographic enlargers or reducers (Objective lenses)	
900219		Other (Objective lenses)	
900220		Filters (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.)	
900290		Other (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.)	
900661		Discharge lamp ("electronic") flashlight apparatus	
900669		Other (Parts and accessories) (Photographic (other than cinematographic) cameras; photographic flashlight apparatus and flashbulbs other than discharge lamps of heading 85.39.)	
900820		Microfilm, microfiche or other microform readers, whether or not capable of producing copies	
900830		Other image projectors	
900840		Photographic (other than cinematographic) enlargers and reducers	
900890		Parts and accessories (Image projectors, other than cinematographic; photographic (other than cinematographic) enlargers and reducers.)	
901050		Other apparatus and equipment for photographic (including cinematographic) laboratories; negatoscopes	
901060		Projection screens	
901090		Parts and accessories (Apparatus and equipment for photographic (including cinematographic) laboratories, not specified or included elsewhere in this Chapter; negatoscopes; projection screens.)	
	ex	Parts and accessories for articles in 9010.50 and 9010.60.	There is more than one proposal for this HS code.
901110		Stereoscopic microscopes	
901120		Other microscopes, for photomicrography, cinemaphotomicrography or microprojection	
901180		Other microscopes (Compound optical microscopes, including those for photomicrography, cinemaphotomicrography or microprojection.)	
901190		Parts and accessories (Compound optical microscopes, including those for photomicrography, cinemaphotomicrography or microprojection.)	
901210		Microscopes other than optical microscopes; diffraction apparatus	

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HS 2007	ex	Proposed Product Description	Comments
901290		Parts and accessories (Microscopes other than optical microscopes; diffraction apparatus.)	
901310		Liquid crystal devices not constituting articles provided for more specifically in other headings; lasers, other than laser diodes; other optical appliances and instruments, not specified or included elsewhere in this Chapter.	
901320		Lasers, other than laser diodes	There is more than one proposal for this HS code.
	ex	Lasers and light sources and parts thereof for the manufacture of semiconductors or flat panel displays	
901380		Other devices, appliances and instruments (Liquid crystal devices not constituting articles provided for more specifically in other headings; lasers, other than laser diodes; other optical appliances and instruments, not specified or included elsewhere in this Chapter.)	
901390		Parts and Accessories (Liquid crystal devices not constituting articles provided for more specifically in other headings; lasers, other than laser diodes; other optical appliances and instruments, not specified or included elsewhere in this Chapter.)	There is more than one proposal for this HS code.
	ex	Parts and accessories for flat panel displays, liquid crystal displays, attenuator fiber optic for telecommunication networks, and laser and light sources designed for the manufacture of semiconductor or flat panel displays	
901410		Direction finding compasses	
901420		Instruments and appliances for aeronautical or space navigation (other than compasses)	
901480		Other optical navigational instruments	There is more than one proposal for this HS code.
	ex	Other optical navigational instruments, excluding ships' logs and depth-sounding apparatus	
901490		Parts and accessories (Direction finding compasses; other navigational instruments and appliances; parts and accessories thereof)	
901510		Rangefinders	
901520		Theodolites and tachymeters (tacheometers)	
901530		Levels	
901540		Photogrammetrical surveying instruments and appliances	
901580		Other instruments and appliances	
901590		Parts and accessories (Surveying (including photogrammetrical surveying), hydrographic, oceanographic, hydrological, meteorological or geophysical instruments and appliances, excluding compasses; rangefinders; parts and accessories thereof)	
901600		Balances of a sensitivity of 5 cg or better, with or without weights.	
901730	ex	Micrometers	
901780	ex	Other instruments for measuring length	
901790		Parts and accessories of 90.17	
901811		Electro-cardiographs	
901812		Ultrasonic scanning apparatus	
901813		Magnetic resonance imaging apparatus	
901814		Scintigraphic apparatus	
901819		Other (Instruments and appliances used in medical, surgical, dental or veterinary sciences, including scintigraphic apparatus, other electro-medical apparatus and sight-testing instruments.)	
901820		Ultra-violet or infra-red ray apparatus	
901849		Other (Other instruments and appliances, used in dental sciences)	
901850		Other ophthalmic instruments and appliances	
901890		Other instruments and appliances (Instruments and appliances used in medical, surgical, dental or veterinary sciences, including scintigraphic apparatus, other electro-medical apparatus and sight-testing instruments.)	
902212		Computed tomography apparatus	
902213		Other, for dental uses (Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus)	
902214		Other, for medical, surgical or veterinary uses ((Apparatus based on the use of X-rays, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus)	
902219		For other uses (Apparatus based on the use of X-rays or of alpha, beta or gamma radiations, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generators, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like.)	
902221		For medical, surgical, dental or veterinary uses (Apparatus based on the use of alpha, beta or gamma radiations, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus)	
902229		For other uses (Apparatus based on the use of alpha, beta or gamma radiations, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus)	
902230		X-ray tubes	
902290		Other, including parts and accessories (Apparatus based on the use of X-rays or of alpha, beta or gamma radiations, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generators, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like.)	
902300		Instruments, apparatus and models, designed for demonstrational purposes (for example, in education or exhibitions), unsuitable for other uses.	

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HS 2007	ex	Proposed Product Description	Comments
902410		Machines and appliances for testing metals	
902480		Other machines and appliances (Machines and appliances for testing the hardness, strength, compressibility, elasticity or other mechanical properties of materials (for example, metals, wood, textiles, paper, plastics).	
902490		Machines and appliances for testing the hardness, strength, compressibility, elasticity or other mechanical properties of materials (for example, metals, wood, textiles, paper, plastics).	
902511		Liquid-filled, for direct reading (Thermometers and pyrometers, not combined with other instruments)	
902519		Other (Thermometers and pyrometers, not combined with other instruments)	
902580		Other instruments (Hydrometers and similar floating instruments, thermometers, pyrometers, barometers, hygrometers and psychrometers, recording or not, and any combination of these instruments.)	
902590		Parts (Hydrometers and similar floating instruments, thermometers, pyrometers, barometers, hygrometers and psychrometers, recording or not, and any combination of these instruments.)	
902710		Gas or smoke analysis apparatus	
902750		Optical radiations (UV, visible, IR)	
902780		Other instruments and apparatus (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)	
902790		Microtomes; parts and accessories	
902810		Gas meters	
902820		Liquid meters	
902830		Electricity meters	
902890		Parts and accessories (Gas, liquid or electricity supply or production meters, including calibrating meters therefor)	
902910		Revolution counters, production counters, taximeters, mileometers, pedometers and the like	
902920		Speed indicators and tachometers; stroboscopes	
902990		Parts and accessories (Revolution counters, production counters, taximeters, mileometers, pedometers and the like; speed indicators and tachometers, other than those of heading 90.14 or 90.15; stroboscopes.)	
903010		Instruments and apparatus for measuring or detecting ionising radiations	
903020		Oscilloscopes and oscillographs	
903031		Multimeters without a recording device (Other instruments and apparatus, for measuring or checking voltage, current, resistance or power)	
903032		Multimeters with a recording device (Other instruments and apparatus, for measuring or checking voltage, current, resistance or power)	
903033		Other, without a recording device (Other instruments and apparatus, for measuring or checking voltage, current, resistance or power)	
903039		Other, with a recording device (Other instruments and apparatus, for measuring or checking voltage, current, resistance or power)	
903084		Other, with a recording device (Other instruments and apparatus)	
903089		Other (Other instruments and apparatus)	
903090		Parts and Accessories (Oscilloscopes, spectrum analysers and other instruments and apparatus for measuring or checking electrical quantities, excluding meters of heading 90.28; instruments and apparatus for measuring or detecting alpha, beta, gamma, X-ray, cosmic or other ionising radiations.)	
903110		Machines for balancing mechanical parts	
903120		Test benches	
903149		Other (Other optical instruments and appliances)	
903180		Other instruments, appliances and machines (Measuring or checking instruments, appliances and machines, not specified or included elsewhere in this Chapter; profile projectors.)	
903190		Parts and Accessories (Measuring or checking instruments, appliances and machines, not specified or included elsewhere in this Chapter; profile projectors.)	
	ex	Parts and accessories in 9031, except for parts for equipment for testing engines	There is more than one proposal for this HS code.
903210		Thermostats	
	ex	Thermostats for manufacturing of semiconductors or flat panel displays	There is more than one proposal for this HS code.
903220		Manostats	
	ex	Manostats (automatic regulating or controlling instruments and apparatus) for manufacturing of semiconductors or flat panel displays	There is more than one proposal for this HS code.
903281		Hydraulic or pneumatic (Other instruments and apparatus) (Automatic regulating or controlling instruments and apparatus.)	
	ex	Process control modules and complete systems	
	ex	Automatic regulating or controlling instruments and apparatus of hydraulic or pneumatic for manufacturing of semiconductors or flat panel displays	There is more than one proposal for this HS code.

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HS 2007	ex	Proposed Product Description	Comments
903289		Other (Other instruments and apparatus) (Automatic regulating or controlling instruments and apparatus.)	There is more than one proposal for this HS code.
	ex	Other automatic regulating or controlling instruments and apparatus for manufacturing of semiconductors or flat panel displays	
903290		Parts and accessories (Automatic regulating or controlling instruments and apparatus.)	There is more than one proposal for this HS code.
	ex	Parts and accessories, except for parts of thermostats and manostats	
	ex	Parts and accessories (Automatic regulating or controlling instruments and apparatus.) for manufacturing of semiconductors or flat panel displays	
903300		Parts and accessories (not specified or included elsewhere in this Chapter) for machines, appliances, instruments or apparatus of Chapter 90.	There is more than one proposal for this HS code.
	ex	Parts and accessories (not specified or included elsewhere in this Chapter) for machines, appliances, instruments or apparatus of Chapter 90 for manufacturing of semiconductors or flat panel displays	
940510	ex	Chandeliers and other electric ceiling or wall lighting fittings using a LED light module as primary light source, excluding those of a kind used for lighting public open spaces or thoroughfares	
940520	ex	Electric table, desk, bedside or floor-standing lamps using a LED light module as primary light source	
940530	ex	Lighting sets of a kind used for Christmas trees using LED light modules as primary light source	
940540	ex	Other electric lamps and lighting fittings using a LED light module as primary light source	
940560	ex	Illuminated signs, illuminated name -plates and the like using a LED light module as primary light source	
940591	ex	Parts of glass for ex 9405.10, ex 9406.20, ex 9504.30, ex 9504.40, 9504.50 and ex 9504.60	
940592	ex	Parts of plastics for ex 9405.10, ex 9406.20, ex 9504.30, ex 9504.40, 9504.50 and ex 9504.60	
940599	ex	Other parts for ex 9405.10, ex 9406.20, ex 9504.30, ex 9504.40, 9504.50 and ex 9504.60	
950410		Video games of a kind used with a television receiver	
950430		Other games, operated by coins, banknotes, bank cards, tokens or by other means of payment, other than bowling alley equipment	
950490	ex	Video game machines capable of connecting to a wired or wireless network, whether or not portable, other than those of subheading 9504.10, and parts and accessories thereof	There is more than one proposal for this HS code.
	ex	Game machines other than coin-operated arcade games and parts and accessories including game controllers, game cartridges, cases, steering wheels, etc.; 'Parts' for hand-held gaming consoles	
	ex	Electronic games and parts of video, electronic games	
961210		Ribbons (Typewriter or similar ribbons, inked or otherwise prepared for giving impressions, whether or not on spools or in cartridges; ink -pads, whether or not inked, with or without boxes.)	

ATTACHMENT B - bis

Positive list of specific products proposed to be covered by this agreement wherever they are classified in the HS.

1	2
Description	Comments
Multi-chip integrated circuits (MCPs) consisting of two or more interconnected monolithic integrated circuits combined to all intents and purposes indivisibly, whether or not on one or more insulating substrates, with or without lead frames, but with no other active or passive circuit elements, wherever classified.	
Multi-component integrated circuits (MCOs), wherever classified	
<p>Multi-component integrated circuits (MCOs) are a combination of one or more monolithic, hybrid, and/or multi-chip integrated circuits with one or more componentsA classifiable under heading 8532, 8533 or 8541, inductors classifiable under heading 8504, or silicon based MEMSB; formed to all intents and purposes indivisibly into a single body like an integrated circuit, as a component of a kind used for assembly onto a printed circuit board (PCB) or other carrier, through the connecting of pins, leads, balls, lands, bumps, or pads.</p> <p>A: The components may be discrete, manufactured independently then assembled onto the rest of the MCO, or integrated into other components, so they are not outwardly visible.</p> <p>B: Silicon basediv MEMS includes silicon based sensors, actuators, oscillators, resonators and combinations thereof. Silicon based sensors consist of microelectronic and/or mechanical structures that are created in the mass or on the surface of a semiconductor and that have the function of detecting physical or chemical quantitiesi and transforming theseii into electric signals, caused by resulting variations[s] in electronic propertiesiii or displacement of a mechanical structure.</p> <p>Silicon based actuators consist of microelectronic and mechanical structures that are created in the mass or on the surface of a semiconductor and that have the function of transforming electrical signals into physical movement. Silicon based resonators and silicon based oscillators consists of microelectronic and/or mechanical structures that are created in the mass or on the surface of a semiconductor and that have the function of generating a mechanical or electrical oscillation of a predefined frequency that depends on the physical geometry of these structures.</p> <p>i Physical quantities relating to real world phenomena, such as pressure, acoustic waves, acceleration, vibration, movement, orientation, strain, magnetic field strength, electric field strength, light, radioactivity, humidity, flow, chemicals concentration etc.</p> <p>ii e.g. energy, mechanical displacement, photo-signals, etc.</p> <p>iii e.g. resistance, capacitance</p> <p>iv "Silicon based" refers to devices built on a silicon substrate, or made of silicon materials, or manufactured onto integrated circuit die</p>	<p>There is more than one proposal for this product.</p>
Set-top boxes, wherever classified	
Monitors, of liquid crystal display	
Liquid crystal modules	
LED(light-emitting diode) lamps	
LED(light-emitting diode) arrays	