

ANNEX 4
ITA Products in AHTN 2012

No	AHTN 2012	Description
1	3818.00.00	Chemical elements doped for use in electronics, in the form of discs, wafers or similar forms; chemical compounds doped for use in electronics.
2	7017.10.10	- - Quartz reactor tubes and holders designed for insertion into diffusion and oxidation furnaces for production of semiconductor wafers
3	7020.00.20	- Quartz reactor tubes and holders designed for insertion into diffusion and oxidation furnaces for production of semiconductor wafers
4	8419.39.11	- - - - Machinery for the treatment of materials by a process involving heating, for the manufacture of printed circuit boards, printed wiring boards or printed circuit assemblies
5	8419.89.13	- - - - Machinery for the treatment of material by a process involving heating, for the manufacture of printed circuit boards, printed wiring boards or printed circuit assemblies
6	8419.89.19	- - - - Other
7	8420.10.10	- - Apparatus for the application of dry film or liquid photo resist, photo-sensitive layers, soldering pastes, solder or adhesive materials on printed circuit boards or printed wiring boards or their components
8	8420.91.10	- - - Parts of apparatus for the application of dry film or liquid photo resist, photo sensitive layers, soldering pastes, solder or adhesive materials on printed circuit boards or printed wiring boards substrates or their components
9	8420.99.10	- - - Parts of apparatus for the application of dry film or liquid photo resist, photo sensitive layers, soldering pastes, solder or adhesive materials on printed circuit boards or printed wiring boards substrates or their components
10	8424.89.40	- - - Wet processing equipment, by projecting, dispersing or spraying, of chemical or electrochemical solutions for the application on printed circuit boards or printed wiring boards substrates; apparatus for the spot application of liquids, soldering pastes, solder ball, adhesives or sealant to printed circuit boards or printed wiring boards or their components; apparatus for the application of dry film or liquid photo resist, photo sensitive layers, soldering pastes, solder or adhesive materials on printed circuit boards or printed wiring boards substrates or their components
11	8428.20.20	- - Automated machines for the transport, handling and storage of printed circuit boards, printed wiring boards or printed circuit assemblies
12	8428.33.20	- - - Automated machines for the transport, handling and storage of printed circuit boards, printed wiring boards or printed circuit assemblies

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No	AHTN 2012	Description
13	8428.39.30	- - - Automated machines for the transport, handling and storage of printed circuit boards, printed wiring boards or printed circuit assemblies
14	8428.90.20	- - Automated machines for the transport, handling and storage of printed circuit boards, printed wiring boards or printed circuit assemblies
15	8431.39.40	- - - Of automated machines for the transport, handling and storage of printed circuit boards, printed wiring boards or printed circuit assemblies
16	8443.19.00	- - Other
17	8443.31.10	- - - Printer-copiers, printing by the ink-jet process
18	8443.31.20	- - - Printer-copiers, printing by the laser process
19	8443.31.30	- - - Combination printer-copier-facsimile machines
20	8443.31.90	- - - Other
21	8443.32.10	- - - Dot matrix printers
22	8443.32.20	- - - Ink-jet printers
23	8443.32.30	- - - Laser printers
24	8443.32.40	- - - Facsimile machines
25	8443.32.50	- - - Screen printing machinery for the manufacture of printed circuit boards or printed wiring boards
26	8443.32.60	- - - Plotters
27	8443.32.90	- - - Other
28	8443.39.11	- - - - Colour
29	8443.39.19	- - - - Other
30	8443.39.20	- - - Electrostatic photocopying apparatus, operating by reproducing the original image via an intermediate onto the copy (indirect process)
31	8443.39.30	- - - Other photocopying apparatus incorporating an optical system
32	8443.99.10	- - - Of screen printing machinery for the manufacture of printed circuit boards or printed wiring boards
33	8443.99.20	- - - Ink-filled printer cartridges
34	8443.99.30	- - - Paper feeders and sorters
35	8443.99.90	- - - Other
36	8456.90.10	- - Machine tools, numerically controlled, for working any material by removal of material, by plasma arc processes, for the manufacture of printed circuit boards or printed wiring boards
37	8456.90.20	- - Wet processing equipments for the application by immersion of electro-chemical solutions, for the purpose of removing material on printed circuit boards or printed wiring boards
38	ex8456.90.90	- - - Water-jet cutting machines
39	8460.31.10	- - - Machine tools, numerically controlled, for sharpening carbide drilling bits with a shank diameter not exceeding 3.175 mm, provided with fixed collets and having a power not exceeding 0.74 kW

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No	AHTN 2012	Description
40	8465.91.10	- - - Of a kind used for scoring printed circuit boards or printed wiring boards or printed circuit board or printed wiring board substrates, electrically operated
41	8465.92.10	- - - For routing printed circuit boards or printed wiring boards or printed circuit board or printed wiring board substrates, accepting router bits with a shank diameter not exceeding 3.175 mm, for scoring printed circuit boards or printed wiring boards or printed circuit board or printed wiring board substrates
42	8465.95.10	- - - Drilling machines for the manufacture of printed circuit boards or printed wiring boards, with a spindle speed exceeding 50,000 rpm and accepting drill bits of a shank diameter not exceeding 3.175 mm
43	8465.99.50	- - - Machines for deburring the surfaces of printed circuit boards or printed wiring boards during manufacturing; machines for scoring printed circuit boards or printed wiring boards or printed circuit board or printed wiring board substrates; laminating presses for the manufacture of printed circuit boards or printed wiring boards
44	8466.10.10	- - For the machine-tools of subheading 8456.90.10, 8456.90.20, 8460.31.10, 8465.91.10, 8465.92.10, 8465.95.10 or 8465.99.50
45	8466.20.10	- - For the machine-tools of subheading 8456.90.10, 8456.90.20, 8460.31.10, 8465.91.10, 8465.92.10, 8465.95.10 or 8465.99.50
46	8466.30.10	- - For the machine-tools of subheading 8456.90.10, 8456.90.20, 8460.31.10, 8465.91.10, 8465.92.10, 8465.95.10 or 8465.99.50
47	8466.92.10	- - - For the machine tools of subheading 8465.91.10, 8465.92.10, 8465.95.10 or 8465.99.50
48	8466.93.20	- - - For machines of subheading 8456.90.10, 8456.90.20 or 8460.31.10
49	8466.94.00	- - For machines of heading 84.62 or 84.63
50	8469.00.10	- Word-processing machines
51	8470.10.00	- Electronic calculators capable of operation without an external source of electric power and pocket-size data recording, reproducing and displaying machines with calculating functions
52	8470.21.00	- - Incorporating a printing device
53	8470.29.00	- - Other
54	8470.30.00	- Other calculating machines
55	8470.50.00	- Cash registers
56	8470.90.10	- - Postage-franking machines
57	8470.90.20	- - Accounting machines
58	8470.90.90	- - Other
59	8471.30.10	- - Handheld computers including palmtops and personal digital assistants (PDAs)
60	8471.30.20	- - Laptops including notebooks and subnotebooks
61	8471.30.90	- - Other

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No	AHTN 2012	Description
62	8471.41.10	- - - Personal computers excluding portable computers of subheading 8471.30
63	8471.41.90	- - - Other
64	8471.49.10	- - - Personal computers excluding portable computers of subheading 8471.30
65	8471.49.90	- - - Other
66	8471.50.10	- - Processing units for personal (including portable) computers
67	8471.50.90	- - Other
68	8471.60.30	- - Computer keyboards
69	8471.60.40	- - X-Y coordinate input devices, including mice, light pens, joysticks, track balls, and touch sensitive screens
70	8471.60.90	- - Other
71	8471.70.10	- - Floppy disk drives
72	8471.70.20	- - Hard disk drives
73	8471.70.30	- - Tape drives
74	8471.70.40	- - Optical disk drives, including CD-ROM drives, DVD drives and CD-R drives
75	8471.70.50	- - Proprietary format storage devices including media therefor for automatic data processing machines, with or without removable media and whether magnetic, optical or other technology
76	8471.70.91	- - - Automated backup systems
77	8471.70.99	- - - Other
78	8471.80.10	- - Control and adaptor units
79	8471.80.70	- - Sound cards or video cards
80	8471.80.90	- - Other
81	8471.90.10	- - Bar code readers
82	8471.90.20	- - Optical character readers, document or image scanners
83	8471.90.90	- - Other
84	8472.90.10	- - Automatic teller machines
85	8473.10.10	- - Printed circuit assemblies for word-processing machines
86	8473.21.00	- - Of the electronic calculating machines of subheading 8470.10.00, 8470.21.00 or 8470.29.00
87	8473.29.00	- - Other
88	8473.30.10	- - Assembled printed circuit boards
89	8473.30.90	- - Other
90	8473.40.11	- - - Parts, including printed circuit assemblies for automatic teller machines
91	8473.40.20	- - For non-electrically operated machines
92	8473.50.11	- - - Suitable for use with the machines of heading 84.71
93	8473.50.19	- - - Other
94	8473.50.20	- - For non-electrically operated machines
95	8477.80.31	- - - Lamination presses for the manufacture of printed circuit boards or printed wiring boards
96	8477.90.32	- - - Parts of lamination presses for the manufacture of printed circuit boards or printed wiring boards
97	ex8479.71.00	- - Of a kind used in airports, electrically operated

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No	AHTN 2012	Description
98	ex8479.79.00	- - Other passenger boarding bridges, electrically operated
99	8479.89.20	- - - Machinery for assembling central processing unit (CPU) daughter boards in plastic cases or housings; apparatus for the regeneration of chemical solutions used in the manufacture of printed circuit boards or printed wiring boards; equipment for mechanically cleaning the surfaces of printed circuit boards or printed wiring boards during manufacturing; automated machines for the placement or the removal of components or contact elements on printed circuit boards or printed wiring boards or other substrates; registration equipment for the alignment of printed circuit boards or printed wiring boards or printed circuit assemblies in the manufacturing process
100	8479.89.30	- - - Other, electrically operated
101	8479.90.20	- - Of goods of subheading 8479.89.20
102	8486.10.10	- - Apparatus for rapid heating of semiconductor wafers
103	8486.10.20	- - Spin dryers for semiconductor wafer processing
104	8486.10.30	- - Machines for working any material by removal of material, by laser or other light or photon beam in the production of semiconductor wafers
105	8486.10.40	- - Machines and apparatus for sawing monocrystal semiconductor boules into slices, or wafers into chips
106	8486.10.50	- - Grinding, polishing and lapping machines for processing of semiconductor wafers
107	8486.10.60	- - Apparatus for growing or pulling monocrystal semiconductor boules
108	8486.10.90	- - Other
109	8486.20.11	- - - Chemical vapour deposition apparatus for semiconductor production
110	8486.20.12	- - - Epitaxial deposition machines for semiconductor wafers; spinners for coating photographic emulsions on semiconductor wafers
111	8486.20.13	- - - Apparatus for physical deposition by sputtering on semiconductor wafers; physical deposition apparatus for semiconductor production
112	8486.20.21	- - - Ion implanters for doping semiconductor materials
113	8486.20.31	- - - Deflash machines for cleaning and removing contaminants from the metal leads of semiconductor packages prior to the electroplating process; spraying appliances for etching, stripping or cleaning semiconductor wafers
114	8486.20.32	- - - Equipment for dry-etching patterns on semiconductor materials
115	8486.20.33	- - - Apparatus for wet etching, developing, stripping or cleaning semiconductor wafers
116	8486.20.39	- - - Other
117	8486.20.41	- - - Direct write-on-wafer apparatus
118	8486.20.42	- - - Step and repeat aligners
119	8486.20.49	- - - Other

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No	AHTN 2012	Description
120	8486.20.51	- - - Dicing machines for scribing or scoring semiconductor wafers
121	8486.20.59	- - - Other
122	8486.20.91	- - - Lasercutters for cutting contacting tracks in semiconductor production by laser beam
123	8486.20.92	- - - Machines for bending, folding and straightening semiconductor leads
124	8486.20.93	- - - Resistance heated furnaces and ovens for the manufacture of semiconductor devices on semiconductor wafers
125	8486.20.94	- - - Inductance or dielectric furnaces and ovens for the manufacture of semiconductor devices on semiconductor wafers
126	8486.20.95	- - - Automated machines for the placement or the removal of components or contact elements on semiconductor materials
127	8486.20.99	- - - Other
128	8486.30.10	- - Apparatus for dry etching patterns on flat panel display substrates
129	8486.30.20	- - Apparatus for wet etching, developing, stripping or cleaning flat panel displays
130	8486.30.30	- - Chemical vapour deposition apparatus for flat panel display production; spinners for coating photosensitive emulsions on flat panel display substrates; apparatus for physical deposition on flat panel display substrates
131	8486.40.10	- - Focused ion beam milling machines to produce or repair masks and reticles for patterns on semiconductor devices
132	8486.40.20	- - Die attach apparatus, tape automated bonders, wire bonders and encapsulation equipment for the assembly of semiconductors; automated machines for transport, handling and storage of semiconductor wafers, wafer cassettes, wafer boxes and other materials for semiconductor devices
133	8486.40.30	- - Moulds for manufacture of semiconductor devices
134	8486.40.40	- - Optical stereoscopic microscopes fitted with equipment specifically designed for the handling and transport of semiconductor wafers or reticles
135	8486.40.50	- - Photomicrographic microscopes fitted with equipment specifically designed for the handling and transport of semiconductor wafers or reticles
136	8486.40.60	- - Electron beam microscopes fitted with equipment specifically designed for the handling and transport of semiconductor wafers or reticles
137	8486.40.70	- - Pattern generating apparatus of a kind used for producing masks or reticles from photoresist coated substrates
138	8486.90.11	- - - Of apparatus for rapid heating of semiconductor wafers
139	8486.90.13	- - - Of machines for working any material by removal of material, by laser or other light or photon beam in the production of semiconductor wafers
140	8486.90.14	- - - - Tool holders and self-opening dieheads; work holders; dividing heads and other special attachments for machine tools

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No	AHTN 2012	Description
141	8486.90.15	- - - - Other
142	8486.90.16	- - - Of grinding, polishing and lapping machines for processing of semiconductor wafers
143	8486.90.17	- - - Of apparatus for growing or pulling monocrystal semiconductor boules
144	8486.90.21	- - - Of chemical vapour deposition apparatus for semiconductor production
145	8486.90.23	- - - Of ion implanters for doping semiconductor materials; of apparatus for physical deposition by sputtering on semiconductor wafers; of physical deposition apparatus for semiconductor production; of direct write-on-wafer apparatus, step and repeat aligners and other lithography equipment
146	8486.90.24	- - - - Tool holders and self-opening dieheads; work holders; dividing heads and other special attachments for machine tools
147	8486.90.25	- - - - Other
148	8486.90.26	- - - - Tool holders and self-opening dieheads; workholders; dividing heads and other special attachments for machine tools
149	8486.90.27	- - - - Other
150	8486.90.28	- - - Of resistance heated furnaces and ovens for the manufacture of semiconductor devices on semiconductor wafers; of inductance or dielectric furnaces and ovens for the manufacture of semiconductor devices on semiconductor wafers
151	8486.90.29	- - - Other
152	8486.90.31	- - - Of apparatus for dry etching patterns on flat panel display substrates
153	8486.90.32	- - - - Tool holders and self-opening dieheads; work holders; dividing heads and other special attachments for machine tools
154	8486.90.33	- - - - Other
155	8486.90.34	- - - Of chemical vapour deposition apparatus for flat panel display production
156	8486.90.36	- - - Of apparatus for physical deposition on flat panel display substrates
157	8486.90.41	- - - Of focused ion beam milling machine to produce or repair masks and reticles for patterns on semiconductor devices
158	8486.90.42	- - - Of die attach apparatus, tape automated bonders, wire bonders and of encapsulation equipment for assembly of semiconductors
159	8486.90.43	- - - Of automated machines for the transport, handling and storage of semiconductor wafers, wafer cassettes, wafer boxes and other materials for semiconductor devices
160	8486.90.44	- - - Of optical stereoscopic and photomicrographic microscopes fitted with equipment specifically designed for the handling and transport of semiconductor wafers or reticles
161	8486.90.45	- - - Of electron beam microscopes fitted with equipment specifically designed for the handling and transport of semiconductor wafers or reticles

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No	AHTN 2012	Description
162	8486.90.46	- - - Of pattern generating apparatus of a kind used for producing masks or reticles from photoresist coated substrates, including printed circuit assemblies
163	8504.40.11	- - - Uninterrupted power supplies (UPS)
164	8504.40.19	- - - Other
165	8504.50.10	- - Inductors for power supplies for automatic data processing machines and units thereof, and for telecommunications apparatus
166	8504.50.20	- - Chip type fixed inductors
167	8504.90.20	- - Printed circuit assemblies for the goods of subheading 8504.40.11, 8504.40.19 or 8504.50.10
168	8507.60.10	- - Of a kind used for laptops including notebooks and subnotebooks
169	8507.60.90	- - Other
170	8513.90.10	- - Parts of portable miners' helmet lamps or quarrymen's lamps, designed to function by their own source of electric energy
171	8513.90.90	- - Parts of portable electric lamps designed to function by their own source of energy other than of miners' helmet lamps or quarrymen's lamps; flashlight reflectors, and flashlight switch slides of plastics
172	8514.20.20	- - Electric furnaces or ovens for the manufacture of printed circuit boards/printed wiring boards or printed circuit assemblies
173	8514.30.20	- - Electric furnaces or ovens for the manufacture of printed circuit boards/printed wiring boards or printed circuit assemblies
174	8514.90.20	- - Parts of industrial or laboratory electric furnaces or ovens for the manufacture of printed circuit boards/printed wiring boards or printed circuit assemblies
175	8515.19.10	- - - Machines and apparatus for soldering components on printed circuit boards/printed wiring boards
176	8515.90.20	- - Parts of machine apparatus for soldering components on printed circuit boards/printed wiring boards
177	8517.11.00	- - Line telephone sets with cordless handsets
178	8517.12.00	- - Telephones for cellular networks or for other wireless networks
179	8517.18.00	- - Other
180	8517.61.00	- - Base stations
181	8517.62.10	- - - Radio transmitters and radio receivers of a kind used for simultaneous interpretation at multilingual conferences
182	8517.62.21	- - - - Control and adaptor units, including gateways, bridges and routers
183	8517.62.29	- - - - Other
184	8517.62.30	- - - Telephonic or telegraphic switching apparatus
185	8517.62.41	- - - - Modems including cable modems and modem cards
186	8517.62.42	- - - - Concentrators or multiplexers
187	8517.62.49	- - - - Other
188	8517.62.51	- - - - Wireless LANs

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No	AHTN 2012	Description
189	8517.62.53	- - - - Other transmission apparatus for radio-telephony or radio-telegraphy
190	8517.62.59	- - - - Other
191	8517.62.61	- - - - For radio-telephony or radio-telegraphy
192	8517.62.69	- - - - Other
193	8517.62.91	- - - - Portable receivers for calling, alerting or paging and paging alert devices, including pagers
194	8517.62.92	- - - - For radio-telephony or radio-telegraphy
195	8517.62.99	- - - - Other
196	8517.69.00	- - Other
197	8517.70.10	- - Of control and adaptor units including gateways, bridges and routers
198	8517.70.21	- - - Of cellular telephones
199	8517.70.29	- - - Other
200	8517.70.31	- - - Of goods for line telephony or line telegraphy
201	8517.70.32	- - - Of goods for radio-telephony or radio-telegraphy
202	8517.70.39	- - - Other
203	8517.70.40	- - Aerials or antennae of a kind used with apparatus for radio-telephony and radio-telegraphy
204	8517.70.91	- - - Of goods for line telephony or line telegraphy
205	8517.70.92	- - - Of goods for radio-telephony or radio-telegraphy
206	8517.70.99	- - - Other
207	8518.10.11	- - - Microphones having a frequency range of 300 Hz to 3,400 Hz, with a diameter not exceeding 10 mm and a height not exceeding 3 mm, for telecommunication use
208	8518.29.20	- - - Loudspeakers, without enclosure, having a frequency range of 300 Hz to 3,400 Hz, with a diameter not exceeding 50 mm, for telecommunication use
209	8518.30.40	- - Line telephone handsets
210	8518.40.20	- - Used as repeaters in line telephony
211	8518.40.30	- - Used as repeaters in telephony other than line telephony
212	8518.90.10	- - Of goods of subheading 8518.10.11, 8518.29.20, 8518.30.40 or 8518.40.20, including printed circuit assemblies
213	8519.50.00	- Telephone answering machines
214	8519.81.10	- - - Pocket size cassette recorders, the dimensions of which do not exceed 170 mm x 100 mm x 45 mm
215	8519.81.20	- - - Cassette recorders, with built in amplifiers and one or more built in loudspeakers, operating only with an external source of power
216	8522.90.20	- - Printed circuit board assemblies for telephone answering machines
217	8523.29.11	- - - - - Computer tapes
218	8523.29.19	- - - - - Other
219	8523.29.29	- - - - - Other
220	8523.29.31	- - - - - Computer tapes
221	8523.29.33	- - - - - Video tapes
222	8523.29.39	- - - - - Other

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No	AHTN 2012	Description
223	8523.29.41	----- Computer tapes
224	8523.29.49	----- Other
225	8523.29.51	----- Computer tapes
226	8523.29.52	----- Video tapes
227	8523.29.59	----- Other
228	8523.29.61	----- Of a kind used for reproducing representations of instructions, data, sound and image, recorded in a machine readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine; proprietary format storage (recorded) media
229	8523.29.62	----- Of a kind suitable for cinematography
230	8523.29.63	----- Other video tapes
231	8523.29.69	----- Other
232	8523.29.71	----- Computer hard disks and diskettes
233	8523.29.79	----- Other
234	8523.29.81	----- Of a kind suitable for computer use
235	8523.29.82	----- Other
236	8523.29.83	----- Other, of a kind used for reproducing representations of instructions, data, sound and image, recorded in a machine readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine; proprietary format storage (recorded) media
237	8523.29.91	----- Of a kind suitable for computer use
238	8523.29.92	----- Other
239	8523.29.93	----- Of a kind suitable for computer use
240	8523.29.94	----- Other
241	8523.29.95	----- Other, of a kind used for reproducing representations of instructions, data, sound and image, recorded in a machine readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine; proprietary format storage (recorded) media
242	8523.29.99	----- Other
243	8523.41.10	--- Of a kind suitable for computer use
244	8523.41.90	--- Other
245	8523.49.11	---- Of a kind used for reproducing phenomena other than sound or image
246	8523.49.14	---- Other, of a kind used for reproducing representations of instructions, data, sound and image, recorded in a machine readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine; proprietary format storage (recorded) media
247	8523.49.19	---- Other

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No	AHTN 2012	Description
248	8523.49.91	- - - - Of a kind used for reproducing phenomena other than sound or image
249	8523.49.93	- - - - Other, of a kind used for reproducing representations of instructions, data, sound and image, recorded in a machine readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine; proprietary format storage (recorded) media
250	8523.49.99	- - - - Other
251	8523.51.11	- - - - Of a kind suitable for computer use
252	8523.51.19	- - - - Other
253	8523.51.21	- - - - - Of a kind suitable for computer use
254	8523.51.29	- - - - - Other
255	8523.51.30	- - - - Other, of a kind used for reproducing representations of instructions, data, sound and image, recorded in a machine readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine; proprietary format storage (recorded) media
256	8523.51.90	- - - - Other
257	8523.52.00	- - "Smart cards"
258	8523.59.10	- - - Proximity cards and tags
259	8523.59.21	- - - - Of a kind suitable for computer use
260	8523.59.29	- - - - Other
261	8523.59.30	- - - - Of a kind used for reproducing phenomena other than sound or image
262	8523.59.40	- - - - Other, of a kind used for reproducing representations of instructions, data, sound and image, recorded in a machine readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine; proprietary format storage (recorded) media
263	8523.59.90	- - - - Other
264	8523.80.51	- - - Of a kind suitable for computer use
265	8523.80.59	- - - Other
266	8523.80.91	- - - Of a kind used for reproducing phenomena other than sound or image
267	8523.80.92	- - - Other, of a kind used for reproducing representations of instructions, data, sound and image, recorded in a machine readable binary form, and capable of being manipulated or providing interactivity to a user, by means of an automatic data processing machine; proprietary format storage (recorded) media
268	8523.80.99	- - - Other
269	8525.60.00	- Transmission apparatus incorporating reception apparatus
270	8525.80.10	- - Web cameras
271	8525.80.31	- - - Of a kind used in broadcasting

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No	AHTN 2012	Description
272	8525.80.39	- - - Other
273	8525.80.50	- - Other digital cameras
274	8526.10.10	- - Radar apparatus, ground based, or of a kind for use in civil aircraft, or of a kind used solely on sea-going vessels
275	8526.91.10	- - - Radio navigational aid apparatus, of a kind for use in civil aircraft, or of a kind used solely on sea-going vessels
276	8527.19.11	- - - - Portable
277	8527.19.19	- - - - Other
278	8528.41.10	- - - Colour
279	8528.41.20	- - - Monochrome
280	8528.49.10	- - - Colour
281	8528.51.10	- - - Projection type flat panel display units
282	8528.51.20	- - - Other, colour
283	8528.51.30	- - - Other, monochrome
284	8528.59.10	- - - Colour
285	8528.61.10	- - - Flat panel display type
286	8528.61.90	- - - Other
287	8528.69.10	- - - Having the capability of projecting on a screen of 300 inches or more
288	8528.69.90	- - - Other
289	8528.71.11	- - - - Mains operated
290	8528.71.19	- - - - Other
291	8529.10.40	- - Aerial filters and separators
292	8529.90.20	- - Of decoders
293	8529.90.40	- - Of digital cameras or video camera recorders
294	8529.90.51	- - - For goods of subheading 8525.50 or 8525.60
295	8529.90.52	- - - For goods of subheading 8527.13, 8527.19, 8527.21, 8527.29, 8527.91 or 8527.99
296	8529.90.53	- - - - For flat panel displays
297	8529.90.54	- - - - Other, for television receivers
298	8529.90.55	- - - - Other
299	8529.90.59	- - - Other
300	8529.90.91	- - - For television receivers
301	8529.90.94	- - - For flat panel displays
302	8529.90.99	- - - Other
303	8531.20.00	- Indicator panels incorporating liquid crystal devices (LCD) or light emitting diodes (LED)
304	8531.80.21	- - - Vacuum fluorescent display panels
305	8531.80.29	- - - Other
306	8531.90.10	- - Parts including printed circuit assemblies of subheading 8531.20, 8531.80.21 or 8531.80.29
307	8532.21.00	- - Tantalum
308	8532.22.00	- - Aluminium electrolytic
309	8532.23.00	- - Ceramic dielectric, single layer
310	8532.24.00	- - Ceramic dielectric, multilayer
311	8532.25.00	- - Dielectric of paper or plastics
312	8532.29.00	- - Other

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No	AHTN 2012	Description
313	8532.30.00	- Variable or adjustable (pre-set) capacitors
314	8532.90.00	- Parts
315	8533.10.10	- - Surface mounted
316	8533.10.90	- - Other
317	8533.21.00	- - For a power handling capacity not exceeding 20 W
318	8533.31.00	- - For a power handling capacity not exceeding 20 W
319	8533.39.00	- - Other
320	8533.40.00	- Other variable resistors, including rheostats and potentiometers
321	8533.90.00	- Parts
322	8534.00.10	- Single-sided
323	8534.00.20	- Double-sided
324	8534.00.30	- Multi-layer
325	8534.00.90	- Other
326	8536.50.51	- - - For a current of less than 16 A
327	8536.50.59	- - - Other
328	8536.69.32	- - - - For a current of less than 16 A
329	8536.69.39	- - - - Other
330	8536.90.12	- - - For a current of less than 16 A
331	8536.90.19	- - - Other
332	8537.10.20	- - Distribution boards (including back panels and back planes) for use solely or principally with goods of heading 84.71, 85.17 or 85.25
333	8537.10.30	- - Programmable logic controllers for automated machines for transport, handling and storage of dies for semiconductor devices
334	8538.10.11	- - - Parts of programmable logic controllers for automated machines for transport, handling and storage of dies for semiconductor devices
335	8538.10.21	- - - Parts of programmable logic controllers for automated machines for transport, handling and storage of dies for semiconductor devices
336	8538.90.12	- - - Parts of goods of subheading 8536.50.51, 8536.50.59, 8536.69.32, 8536.69.39, 8536.90.12 or 8536.90.19
337	8538.90.13	- - - Parts of goods of subheading 8537.10.20
338	8540.40.10	- - Data/graphic display tubes, colour, of a kind used for articles of heading 85.25
339	ex8540.40.90	- - Data/graphic display tubes, colour, with a phosphor dot screen pitch smaller than 0.4 mm, other than for use with articles of heading 85.25
340	8541.10.00	- Diodes, other than photosensitive or light emitting diodes
341	8541.21.00	- - With a dissipation rate of less than 1 W
342	8541.29.00	- - Other
343	8541.30.00	- Thyristors, diacs and triacs, other than photosensitive devices
344	8541.40.10	- - Light emitting diodes
345	8541.40.21	- - - Photovoltaic cells, not assembled

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No	AHTN 2012	Description
346	8541.40.22	- - - Photovoltaic cells assembled in modules or made up into panels
347	8541.40.29	- - - Other
348	8541.40.90	- - Other
349	8541.50.00	- Other semiconductor devices
350	8541.60.00	- Mounted piezo-electric crystals
351	8541.90.00	- Parts
352	8542.31.00	- - Processors and controllers, whether or not combined with memories, converters, logic circuits, amplifiers, clock and timing circuits, or other circuits
353	8542.32.00	- - Memories
354	8542.33.00	- - Amplifiers
355	8542.39.00	- - Other
356	8542.90.00	- Parts
357	8543.30.20	- - Wet processing equipment for the application by immersion of chemical or electrochemical solutions, whether or not for the purpose of removing material on printed circuit board/printed wiring board substrates
358	8543.70.30	- - Electrical machines and apparatus with translation or dictionary functions
359	8543.70.40	- - Equipment for the removal of dust particles or the elimination of electrostatic charge during the manufacture of printed circuit boards/printed wiring boards or printed circuit assemblies; machines for curing material by ultra-violet light for the manufacture of printed circuit boards/printed wiring boards or printed circuit assemblies
360	8543.90.20	- - Of goods of subheading 8543.30.20
361	8543.90.30	- - Of goods of subheading 8543.70.30
362	8543.90.40	- - Of goods of subheading 8543.70.40
363	8543.90.90	- - Other
364	8544.42.11	- - - - Telephone, telegraph and radio relay cables, submarine
365	8544.42.12	- - - - Telephone, telegraph and radio relay cables, other
366	8544.42.19	- - - - Other
367	8544.42.21	- - - - Telephone, telegraph and radio relay cables, submarine
368	8544.42.22	- - - - Telephone, telegraph and radio relay cables, other
369	8544.42.29	- - - - Other
370	8544.49.11	- - - - Telephone, telegraph and radio relay cables, submarine
371	8544.49.12	- - - - Telephone, telegraph and radio relay cables, other
372	8544.49.19	- - - - Other
373	8544.70.10	- - Telephone, telegraph and radio relay cables, submarine
374	8544.70.90	- - Other
375	8548.90.10	- - Image sensors of the contact type comprising a photo-conductive sensor element, an electric charge storage condenser, a light source of light emitting diodes, thin-film transistor matrix and a scanning condenser, capable of scanning text

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No	AHTN 2012	Description
376	8548.90.20	- - Printed circuit assemblies including such assemblies for external connections
377	8548.90.90	- - Other
378	8803.90.10	- - Of telecommunications satellites
379	9006.10.10	- - Laser photoplotters
380	9006.91.10	- - - For laser photoplotters of subheading 9006.10.10
381	9010.50.10	- - Apparatus for the projection or drawing of circuit patterns on sensitized substrates for the manufacture of printed circuit boards/printed wiring boards
382	9010.90.30	- - Parts and accessories of apparatus for the projection or drawing of circuit patterns on sensitized substrates for the manufacture of printed circuit boards/printed wiring boards
383	9013.80.10	- - Optical error verification and repair apparatus for printed circuit boards/printed wiring boards and printed circuit assemblies
384	9013.80.20	- - Liquid crystal devices
385	9013.90.10	- - Of goods of subheading 9013.20
386	9013.90.50	- - Of goods of subheading 9013.80.20
387	9013.90.60	- - Of goods of subheading 9013.80.10
388	9013.90.90	- - Other
389	9014.80.10	- - Of a kind used on ships, incorporating or working in conjunction with an automatic data processing machine
390	9014.90.10	- - Of instruments and apparatus, of a kind used on ships, working in conjunction with an automatic data processing machine
391	9017.10.10	- - Plotters
392	9017.20.30	- - Apparatus for the projection or drawing of circuit patterns on sensitized substrates for the manufacture of printed circuit boards/printed wiring boards
393	9017.20.40	- - Photoplotters for the manufacture of printed circuit boards/printed wiring boards
394	9017.20.50	- - Other plotters
395	9017.90.20	- - Parts and accessories of apparatus for the projection or drawing of circuit patterns on sensitized substrates for the manufacture of printed circuit boards/printed wiring boards
396	9017.90.30	- - Parts and accessories of photoplotters for the manufacture of printed circuit boards/printed wiring boards
397	9017.90.40	- - Parts and accessories, including printed circuit assemblies, of other plotters
398	9022.19.10	- - - X-ray apparatus for the physical inspection of solder joints on printed circuit board/printed wiring board assemblies
399	9022.90.10	- - Parts and accessories of X-ray apparatus for the physical inspection of solder joints on printed circuit assemblies
400	9026.10.10	- - Level gauges for motor vehicles, electrically operated
401	9026.10.20	- - Level gauges for motor vehicles, not electrically operated
402	9026.10.30	- - Other, electrically operated
403	9026.10.90	- - Other, not electrically operated

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No	AHTN 2012	Description
404	9026.20.10	- - Pressure gauges for motor vehicles, electrically operated
405	9026.20.20	- - Pressure gauges for motor vehicles, not electrically operated
406	9026.20.30	- - Other, electrically operated
407	9026.20.40	- - Other, not electrically operated
408	9026.80.10	- - Electrically operated
409	9026.80.20	- - Not electrically operated
410	9026.90.10	- - For electrically operated instruments and apparatus
411	9026.90.20	- - For non-electrically operated instruments and apparatus
412	9027.20.10	- - Electrically operated
413	9027.20.20	- - Not electrically operated
414	9027.30.10	- - Electrically operated
415	9027.30.20	- - Not electrically operated
416	9027.50.10	- - Electrically operated
417	9027.50.20	- - Not electrically operated
418	9027.80.30	- - Other, electrically operated
419	9027.80.40	- - Other, not electrically operated
420	9027.90.10	- - Parts and accessories, including printed circuit assemblies for products of heading 90.27, other than for gas or smoke analysis apparatus or microtomes
421	9030.33.10	- - - Instruments and apparatus for measuring or checking voltage, current, resistance or power on printed circuit boards/printed wiring boards or printed circuit assemblies
422	9030.33.20	- - - Impedance-measuring instruments and apparatus designed to provide visual and/or audible warning of electrostatic discharge conditions that can damage electronic circuits; apparatus for testing electrostatic control equipment and electrostatic grounding devices/fixtures
423	9030.40.00	- Other instruments and apparatus, specially designed for telecommunications (for example, cross-talk meters, gain measuring instruments, distortion factor meters, psophometers)
424	9030.82.10	- - - Wafer probers
425	9030.82.90	- - - Other
426	9030.84.10	- - - Instruments and apparatus for measuring or checking electrical quantities on printed circuit boards/printed wiring boards and printed circuit assemblies
427	9030.89.10	- - - Instruments and apparatus, without a recording device, for measuring or checking electrical quantities on printed circuit boards/printed wiring boards and printed circuit assemblies, other than those covered within subheading 9030.39
428	9030.90.30	- - Parts and accessories of optical instruments and appliances for measuring or checking printed circuit boards/printed wiring boards and printed circuit assemblies
429	9030.90.40	- - Parts and accessories of other instruments and apparatus for measuring or checking electrical quantities on printed circuit boards/printed wiring boards and printed circuit assemblies
430	9030.90.90	- - Other

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No	AHTN 2012	Description
431	9031.41.00	- - For inspecting semiconductor wafers or devices or for inspecting photomasks or reticles used in manufacturing semiconductor devices
432	9031.49.10	- - - Optical instruments and appliances for measuring surface particulate contamination on semiconductor wafers
433	9031.49.20	- - - Optical error verification and repair apparatus for printed circuit boards/printed wiring boards and printed circuit assemblies
434	9031.49.30	- - - Other optical instruments and appliances for measuring or checking printed circuit boards/printed wiring boards and printed circuit assemblies
435	9031.90.11	- - - Parts and accessories including printed circuit assemblies of optical instruments and appliances for inspecting semiconductor wafers or devices or for inspecting masks, photomasks or reticles used in manufacturing semiconductor devices; parts and accessories of optical instruments and appliances for measuring surface particulate contamination on semiconductor wafers
436	9031.90.12	- - - Of optical error verification and repair apparatus for printed circuit boards/printed wiring boards and printed circuit assemblies
437	9031.90.13	- - - Of other optical instruments and appliances for measuring or checking printed circuit boards/printed wiring boards and printed circuit assemblies
438	9032.89.10	- - - Instruments and apparatus incorporating or working in conjunction with an automatic data processing machine, for automatically regulating or controlling the propulsion, ballast or cargo handling systems of ships
439	9032.89.20	- - - Automatic instruments and apparatus for regulating or controlling chemical or electrochemical solutions in the manufacture of printed circuit boards/printed wiring boards or printed circuit assemblies
440	9032.90.10	- - Of goods of subheading 9032.89.10
441	9032.90.20	- - Of goods of subheading 9032.89.20