Electronic Information Products Classification and Explanations

Electronic information products are defined [at Article 3(1)] by <Measures for the Administration of the Control of Pollution by Electronic Information Products> (hereinafter “Administrative Measures”). The defined electronic information products are grouped into ten major categories, within the definition of the scope of application of Administrative Measures. In order to help those concerned about the Administrative Measures to understand the definitions and implications of electronic information products, these electronic information products being applicable to Administrative Measures are sorted and annotated based on the Electronic Information Industry Classification used for electronic information economy index statistic, and given as follows:

**Radar Equipment and Products**

**Radar Equipment**
I. Command Automation System
II. Radar and Accessory Equipment
  1. Ground Radar and Vehicle Borne Radar
  2. Airborne Radar, Space-borne Radar and Missile Radar
  3. Shipboard Radar

**Communications Equipment and Products**

**Communications Transmission Equipment**
I. Communications Transmitter
  1. Short Wave and Single Side Band Transmitter
  2. Long Wave and Ultra Long Wave Transmitter
  3. Short Wave Self-Adapting Transmitter
  4. Other Transmitters
II. Communications Receiver
  1. Short Wave and Single Side Band Receiver
  2. Long Wave and Ultra Long Wave Receiver
  3. Digital Receiver
III. Microwave Communications Equipment
  1. Microwave Transceiver Communications Equipment
  2. Microwave Terminal Set
  3. Microwave Antenna, Feed Line
  4. Other Microwave Equipment
IV. Application Products for Satellite
  1. Antenna for Satellite Ground Station
  2. Low Noise Amplifier for Satellite Ground Station
  3. Up or Down Converter for Satellite Ground Station
  4. High Power Amplifier for Satellite Ground Station
5. Terminal Set for Satellite Ground Station
7. Satellite Navigational Positioning Reception Equipment
8. Satellite Meteorology Reception Equipment
9. Other Satellite Ground Stations and Antennas
V. Scatter Communications Equipment
1. Scatter Communications Terminal Set
2. Scatter Channel Machine
3. Scatter Communications Antenna
VI. Communications Navigation Direction Equipment
1. Aircraft Communications and Navigation Directive Equipment
4. Other Communications and Navigation Directive Equipment
VII. Carrier Communications Equipment
1. Carrier Terminal
2. Carrier Repeater
3. Electric Power Carrier
VIII. Optical Communications Equipment
1. Fiber Optical Cable Terminal Set
2. Fiber Optical Cable Trunk Equipment
3. Fiber Optical Amplifier
4. Wavelength Division Multiplexer (WDM)
5. Cross Connection Equipment
6. Other Equipment

**Communications and Switch Equipment**

I. Switch
1. Stored-Program Control Switch (Excludes the Mobile Stored-Program Control Switch)
   i. Office Switch
   ii. Subset
   iii. Asynchronous Transfer Mode (ATM) and Internet Protocol (IP) Switch
   iv. Other
2. Telegraph Switching Equipment
3. Other Switches
II. User Access Device
1. Wireless Access Device
2. Cable Access Device
3. Fiber Optical Access Device
4. Access Terminal Device

**Communications Terminal Device**

I. Small / Medium Transceiver Broadcasting Station
1. Short Wave Broadcasting Station
2. Ultra Short Wave Broadcasting Station
3. Short Wave Frequency-Hopping Broadcasting Station
4. Ultra Short Wave Frequency-Hopping Broadcasting Station
5. Single Side Band Broadcasting Station
6. Other Transceiver Broadcasting Station

II. Telephone Set
1. Common Telephone Set
2. Recording Telephone Set
3. Video Telephone Set
4. Cordless Telephone
5. Card Insertion Telephone
6. Coin Pay Phone
7. Special Type Telephone (Includes Security and Underground Mining Telephones)
8. Other Telephones

III. Data Communications Equipment
1. Facsimile Machine
2. Data Set (Includes Mechanical, Electronic Typewriter)
3. Digital Packet Switch and Packet Assembler and Disassembler (PAD)
4. Other

IV. Communications Electronic Countermeasure Equipment
1. Communications Reconnaissance Equipment
2. Communications Direction Finder Equipment
3. Communications Jamming Equipment
4. Communications Encryption Equipment

V. Communications Navigation Vehicle
1. Radio Communications Vehicle
2. Wired Communications Vehicle
3. Communications Countermeasures Vehicle

VI. Communications Associated Device
1. Primary Power Equipment
2. Secondary Power Equipment
3. Network Administration, Charging and Monitoring Equipment
4. Diesel Engine for Communications
5. Microwave Accessory Equipment
6. Telephone Accessory Equipment
7. Carrier Wave Accessory Equipment
8. Wire Distributing Equipment

**Mobile Communications Device**

I. Digital Cellular Wireless Telephone System Device
1. Base Station Device
2. Base Station Antenna
3. Direct Amplifying Station
4. Switching Equipment

II. Wireless Paging System Device
1. Paging Base Station Device
2. Other Paging Devices
III. Trunking Mobile Communications System Device
1. Base Station Device
2. Base Station Antenna (for Dispatching or Dedicated Network Systems)
3. Switching Equipment
IV. Medium and Small Automatic Wireless Telephone System Device
1. Switch Base Station Device
2. Other Devices
V. Device for Communications System Without A Central Controller

**Mobile Communications Terminal Device**
I. Mobile Communications Terminal
1. GSM Mobile Phone
2. CDMA Mobile Phone
II. Other Mobile Communications Terminal
1. Motor-Car Telephone
2. Interphone
3. Radio Paging Set
4. Personal Access Phone System

**Communications Equipment Repairing and Other Communications Equipment**
I. Other Communications Associated Equipment
1. Modem for Communications
2. Distribution and Junction Device for Communications

**Broadcast and Television Equipment Industry Products**

**Broadcast and Television Programming, Transmitting, Transmission Equipment**
I. Audio Frequency Programming and Studio Equipment
1. Broadcast Dedicated Recording, Playback Device
2. Audio Mixing Console
3. Studio Monitor (Set)
II. Audiovisual Program Production and Studio Equipment
1. Television Recording and Broadcasting Central Equipment
2. Coverage Device
3. Special Video Recorder
4. Video Editing Device
5. Broadcast and Television Photograph and Record Device
6. Signal Generator
7. Video Information Processing Equipment
8. Television Signal Synchronous Machine
9. Television Graphic and Text Processing System Device
III. Broadcasting Transmitting Device
1. Short Wave Transmitter
2. Medium Wave Transmitter
3. Frequency Modulated Transmitter
4. Digital Sound Broadcasting Transmitter
5. Broadcast Transmission Antenna and Associated Equipment
IV. Television Transmitting and Translation Equipment
1. Television Transmitter
2. Television Transposer
3. Ground Antenna
4. Television Transmitting and Translation Associated Equipment
V. Satellite Television Transmitting and Translation Equipment
1. Satellite Television Transmitting Equipment
2. Satellite Television Translation Equipment
VI. Cable Television Network Transporting Device
1. Cable Television Headend Equipment
2. Fiber Optical Cable Transmission Equipment
3. Cable Transmission Equipment

**Broadcast and Television Reception Equipment and Equipment**

I. Television Reception Equipment
1. Definite Purposed Projection Television Receiver
2. Video Monitoring Machine
II. Broadcast Reception Equipment
1. Broadcast Reception Equipment
2. Broadcasting Reception Equipment for Motor Vehicle
III. Satellite Broadcast Television Reception Equipment
1. Satellite Broadcast Television Reception Equipment
2. Satellite Broadcast Television Receiving Antenna
3. Satellite Broadcast Television Receiving High Frequency Head
4. Integrated Satellite Broadcast and Television Receiving Machine
IV. Cable Television Reception Equipment
1. User Terminal Equipment
2. Cable Television Distribution System Equipment
3. Cable Television Associated Equipment
V. Professional Audio Record, Video Record and Playback Equipment
1. Audio Frequency Power Amplification Device
2. Recording Repeater
3. Dedicated Phonograph
4. Voice and Language Laboratory Equipment
VI. Video Recording and Playback Device
1. Television Compact Disc Playback Device
2. Video Tape Recorder
3. Video, Audio Frequency Coder
VII. Broadcast and Television Receiving Equipment Fittings and Accessories
1. Audio Frequency Electronic Amplifier
2. Pick-Up
3. Magnetic Head
4. Transmitter (Speaker)
5. Microphone
6. Earphone
7. Combined Speaker Set - Amplifier
8. Other Accessories
9. Definite Purposed Antenna
10. Antenna Generator
11. Antenna Rotor
12. Mixer
13. Allotter
14. Splitter
15. User Box

Application Television Device and Other Broadcast and Television Devices
I. Application Television Device
1. Universal Application Television Device
2. Specific Environment Application Television Monitoring Device
3. Specific Function Application Television Device
4. Specific Type Application Television Device
II. Other Broadcast and Television Devices
1. Relief Television Equipment
2. Multiplex Broadcasting Equipment
3. Big Screen Color Display System
4. Electronic Display Screen
5. Touch Screen

Computer Industry Products
Complete Set of Electronic Computers
I. Large or Medium-Scale Computer Work Station
1. Large or Medium-Scale Computer (Note 1)
2. Mini Computer (Note 2)
3. Work Station
II. Personal Computer Equipment
1. Desktop Personal Computer
   i. Business Personal Computer
   ii. Household Personal Computer
2. Server
3. Industrial Computer
4. Portable Personal Computer
   i. Notebook PC
   ii. Palmtop Computer
5. Learning Machine
6. Hand Held Information Terminal
   i. Personal Digital Assistant (PDA)
   ii. Electronic Instant-Dictionary
   iii. Electronic Notepad
   iv. Electronic Dictionary

Computer Network Facility Industry
I. Network Controlling Device
   i. Communications Controlling Processor
ii. Concentrator
iii. Final Controller
II. Network Interface and Adapter
   i. Network Transceiver
   ii. Network Transponder
   iii. Network Allotter
   iv. Ethernet Exchanger
III. Network Connecting Device
   i. Hub
   ii. Modem
   iii. Network Phone (Internet Protocol Phone)
   iv. Router
   v. Firewall (Excludes the Software Firewall)
IV. Network Testing Device
   i. Protocol Analyzer
   ii. Protocol Test Equipment
   iii. Error Detecting Device

**Electronic Computer External Device**

I. Display Terminal Device
   1. Chinese Character Display Terminal
   2. Graphic and Image Display Terminal
   3. Display
      i. Monochrome Display (CRT) (Includes Displays for Application Television)
      ii. Color Display (CRT) (Includes Displays for Application Television)
      iii. Flat Panel Display (Includes Liquid Crystal, PDP etc.)

II. Input Device
   1. Plotter
   2. Digitizer
   3. Scanner
   4. Mouse
   5. Keyboard
   6. IC Card Read and Write Device
   7. Digital Camera
   8. Magnetic Card Read and Write Device
   9. Digital Pick Up Head

III. Output Device
   1. Printing Device
      i. Stylus Printer
         a. Universal Stylus Printer
         b. Ticket Printer
         c. Line Printer
      ii. Laser Printer
      iii. Ink Jet Printer
      iv. Multifunction Printer
2. Audio Output Device
3. Image and Graphic Output Device
IV. External Memory Device
1. Floppy Disk Drive
   i. Common Floppy Disk Drive
   ii. High Capacity Floppy Disk Drive
2. Hard Disk Drive
   i. Hard Disk Drive
   ii. Disk Array
   iii. Mobile Hard Disk
   iv. Mini Mobile Hard Disk (U Disk)
3. CD Disk Drive
   i. Compact Disc Read-Only Memory Driver (CD-ROM)
   ii. Digital Versatile Disc Read-Only Memory Driver (DVD-ROM)
   iii. Digital Versatile Disc Rewritable Driver (DVD-RW)
   iv. MO Driver
   v. PD Driver
   vi. Other Compact Disc Drivers
4. Tape Transport
V. Digital Information Product
1. Digital Memory, Record/Play Products
2. Public Information Automatic Service System
3. Other

Electronic Computer Associated Products and Materials
I. Boards and Cards for Microprocessors
1. Microprocessor Motherboard
2. Memory Bank
3. Sound Card
4. Display Card
5. Network Card
6. Other Functional Cards and Interface Cards
II. Power Supply
1. Power Switch
2. UPS Power Supply
III. Other Associated Products and Consumable Materials
1. Cabinet
2. Floppy Disk
3. Compact Disc
4. Printer Head
5. Ink Cartridge
6. Magnetic Card
7. IC Card
8. Ribbon
9. Drum
Electronic Computer Application Products
I. Electronic Publishing System
1. Professional Image-setting System
2. Quickprint System
II. Computer Assisted Instruction System
III. Calculator
IV. Electronic Application Products for Finance, Commerce, Taxation Affairs
1. Automatic Banknote Machine
2. Coin Counting Machine
3. Recounting Machine
4. Automatic Teller Machine (ATM)
5. Finance Self-Service Online Terminal
6. POS Machine
7. Tax Control Meter for Fueling Machine
8. Tax Control Meter for Taxi
9. Other Finance Application Products
V. Other Application Products
1. Computer Controlling Bus Station Announcer
2. Car Video Equipment
3. Phone Bill Metering Apparatus
4. Other Computer Application Products

Household Electronic Products

Television
I. Television
1. Color Television
   i. 37 cm
   ii. 44 cm
   iii. 47 cm
   iv. 49 cm
   v. 51 cm
   vi. 53 cm
   vii. 56 cm
   viii. 64 cm
   ix. 74 cm
   x. More Than 74 cm
2. Projection Television Receiver
   i. Rear-Projection Television
   ii. Front-Projection Television
3. PDP Television
4. Black and White TV Set
   i. 11 cm
   ii. 14 cm
   iii. 31 cm
   iv. 35 cm
v. 44 cm
vi. More Than 44 cm
5. LCD Television

**Vidicon, Video Cassette Recorder and Laser Compact Disc Player**

I. Video Cassette Recorder
   1. Video Recorder / Player
   2. Video Player
   3. Household Video Recorder / Player

II. Radio Record Player
   1. Mini Player (Excludes Record Player)
   2. Radio Record Player (Includes Record Player)
   3. Cyclic Player

III. Digital Laser, Audio and Video Compact Disc Player
   1. VCD Player
   2. VCD Recorder / Player
   3. DVD Audio Player
   4. DVD Video Player
   5. DVD Video Recorder / Player
   6. Compact Disc Recorder (Includes CD-R and DVD-R)
   7. Compact Disc Rewritable Recorder (As Above)

**Household Electronic Acoustics Appliance**

I. Household Acoustics Appliance
   1. Radio Set
      i. Mini Radio Set
      ii. Other
   2. Music Center
   3. MP3, MP4 Player
   4. CD Player
   5. Power Amplifier

II. Car Electronic Acoustics Appliance

III. Main Fittings and Accessories for Household Electronics and Electrical Appliance
   1. Tuner
      i. Electronic Tuner
      ii. Mechanical Tuner
   2. Line Output Transformer
   3. Deflecting Coil
   4. Core for Audio Recorder and Video Recorder
      i. Audio Recorder Core
      ii. Video Recorder Core
      iii. Compact Disc Player Core
      iv. Core for Video Compact Disc and Digital Video Disc Player
   5. Magnetic Head
      i. Recording Head
      ii. Video Head
iii. Hard Disk Driver Magnetic Head
iv. Floppy Disk Driver Magnetic Head
v. Tape Drive Magnetic Head
vi. Other Magnetic Heads
6. Optical Head
i. Optical Head for Audio Player
ii. Optical Head for Video Player
iii. Optical Head for Read-Only Memory (ROM)
iv. Optical Head for Laser Recorder
v. Other
7. Antenna
i. Whip Antenna
ii. Indoor Aerial
iii. Other
8. Magnetic Tape
i. Audio Tape
ii. Video Tape
9. Audio and Video Compact Disc
i. Laser Audio Compact Disc (CD)
ii. Laser Video Compact Disc (VCD)
iii. Laser Digital Video Compact Disc (DVD)
iv. Other
10. Magnetic Drum for Audio and Video Recorder
11. Switch Power for VCD and DVD Players
12. Television Receiver Set-Top Box
i. Cable TV Set-Top Box
ii. Ground Broadcasting Set-Top Box
iii. Satellite Broadcasting Set-Top Box

**Electronic Measuring Instrument Products**

**Electronic Measuring Instrument**

I. Frequency Measuring Instrument
1. Digital Pulse Frequency Meter
2. Simulation Frequency Meter
3. Counter
4. Counter Spread Spectrum Device
5. Time Measuring Apparatus
6. Special Type Counter
7. Frequency Standard
8. Frequency/Phase Comparator

II. Voltage Measuring Apparatus
1. Oscillograph
   Including: Digital High Frequency Voltmeter
2. Digital Multimeter
3. Voltage Source Standard Device
4. Simulation Voltmeter
Including: Digital High Frequency Voltmeter
5. Digital Panel Meter
6. Other

III. Oscillograph
1. Digital Readout and Digital Store Oscillograph
2. Universal Oscillograph
3. Sampling, Storage and Memory Oscillograph
4. Other Oscillograph Logic Analyzer
5. Dedicated Oscillograph
6. Oscillograph Regulator

IV. Device Parameter Measuring Apparatus
1. Digital IC Tester
2. Mixing IC Tester
3. Photoelectric Device Tester
4. Power Electronic Device Tester
5. Semiconductor Device Graphic Instrument
6. Other

V. Element Parameter Measuring Apparatus
VI. Pulse Measuring Apparatus

VII. Scan, Frequency Spectrum Waveform Analyzer
1. Sweep Generator
2. Spectrum Analyzer
3. Distortion Degree Measuring Apparatus
4. Frequency Deviation Modulation Measuring Instrument
5. Phase Shifter
6. Other

VIII. Microwave Measuring Apparatus
1. Network Characteristic Tester and Network Analyzer
2. Radar Combination Tool
3. Microwave Power Amplifier
4. Microwave Leakage Tester
5. Other Microwave Instruments
6. Microwave Measuring Instrument Components
   i. Microwave Attenuator
   ii. Microwave Filter
   iii. Waveguide
   iv. Other Microwave Elements

IX. Communications Measuring Instrument
1. Carrier Communications Measuring Apparatus
2. PDH / SDH Transmission Analyzer
3. Analog / Digital Mobile Communications Base and Mobile Station

X. Broadcast and Television Measuring Instrument

XI. Ultra Low Frequency Measuring Apparatus
1. Ultra Low Frequency Signal Analyzer
2. Frequency Response Analyzer
3. Ultra Low Frequency Generator
4. Voltmeter
5. Filter and Amplifier
6. Phase Meter
7. Other

XII. Acoustical Measuring Instrument
1. Power Supply, Sonic Boom Signal Generator
2. Sound Level Meter
3. Frequency Multiplication Filter
4. Electroacoustic Generator
5. Vibration Pulse Shock Measuring Instrument
6. Sound Vibration Calibration Device
7. Sonic Boom Carpet Whole Set
8. Other Sonic Devices

XIII. Interference Field Strength Meter
1. Interference Field Strength Meter
2. Testing Receiver
3. Other Measuring Instruments

XIV. Stabilized Voltage Power Supply
1. Direct Current Stabilized Voltage Power Supply
2. Alternating Current Stabilized Voltage Power Supply
3. Stabilized Current and Voltage Power Supply
4. High Reliable Elements, Measuring Preparing Power Supply
5. Klystron Power Supply
6. Pulse Power Supply
7. Inverter Power Supply
8. Laser Power Supply
9. Emergency Power Supply
10. Other Power Supplies

XV. Recorder and Display
1. Recorder
2. Display

XVI. Signal Generator
1. Low Frequency Signal Generator
2. High Frequency Signal Generator
3. Ultra High Frequency Signal Generator
4. Microwave Signal Generator
5. Power Signal Generator
6. Scan Signal Generator
7. Frequency Synthesizer Signal Generator
8. Power Amplifiers
9. Digital Signal Generator
10. Other

XVII. Power Meter
1. Small Power Meter
2. Medium Power Meter
3. High Power Meter
4. Pulse Power Meter
5. Laser Power Meter

XVIII. Other Measure Instrument
1. Crystal Oscillator
2. Breakdown Device
3. Standard Inductor Capacitor Resistor
4. Heat Distribution Map Meter
5. Air Target Trainer
6. Solderability Tester
7. Laser Distance Measuring Instrument
8. Hydroacoustic Device
9. Atom Radial Instrument
10. Meteorological Instruments

Electronic Industry Dedicated Equipment and Products

Electronic Industry Dedicated Equipment
I. Semiconductor Device and Integrated Circuit Dedicated Equipment
1. Semiconductor Preparation, Epitaxy and Chemico-Mechanical Polishing
2. Exposure, Corrosion, Gel Homogeneity and Developing Equipment
3. Diffusion, Ion Implantation and Quick Heat Treatment Equipment
4. Chemical, Physical, Vapor Disposition and Copper Plating Equipment
5. Subsequent Assembling and Package Producing Equipment
6. Online Process Testing Equipment
7. Intermediate and End Product Testing Equipment
8. Other

II. Electronic Vacuum Device Dedicated Equipment
1. Electron Tube Producing Equipment
2. Electric Light Source Producing Equipment
3. Liquid Crystal Display Device Producing Equipment
4. Vacuum Switching Tube Producing Equipment
5. Kinescope and Electron Gun Producing Equipment
6. Other

III. Electronic Elements Dedicated Equipment
1. Resistor, Potentiometer Producing Equipment
2. Capacitor Producing Equipment
3. Ceramic Elements Producing Equipment
4. Magnetic Materials and Elements Producing Equipment
5. Printed Circuit Board Producing Equipment
6. Cable Producing Equipment
7. Sensing Elements and Devices, and Sensor Producing Equipment
8. Frequency Elements and Devices Producing Equipment
9. Green Battery Producing Equipment
10. Other

IV. Electronic Components Assembling Equipment
1. Automatic Slice Inserting Machine
2. Automatic Chip Mounter Machine
3. Assembly Production Line
4. Wave-Soldering and Reflow Welding Device
5. Surface Mount Printing Equipment
6. Other

V. Electronic Universal Equipment
1. Vacuum Obtaining Equipment
2. Ultrasonic Wave Equipment
3. Precision Welding Equipment
4. Drying Equipment
5. Air Conditioner
6. Plastic Processing Equipment
7. Electronic Machining Equipment
8. Presswork Equipment
9. Precision Electronic Silk Screen Printing Equipment
10. Anti Static Series Products
11. Cleaning Equipment
12. Other

Electronic Industry Mold and Gear
I. Electronic Industry Mold and Gear
1. Mold
2. Die Carrier
3. Mold Standard Component
4. Pneumatic Tool
5. Electric Tool
6. Soldering Tool

Electronic Element Products
Electronic Element and Component
I. Capacitor
1. Paper Capacitor
   i. Metallizing and Metal Foil Paper Capacitor
   ii. Paper Based Composite Dielectric Capacitor
2. Film Capacitor
   i. Polyester Film Capacitor
   ii. Polypropylene Film Capacitor
   iii. Polystyrene Capacitor
   iv. Polycarbonate Capacitor
   v. Polytetrafluoroethylene Capacitor
vi. Polyimide Capacitor
vii. Chip Organic Dielectric Capacitor
viii. Other Organic Dielectric Film Capacitor
3. Ceramic Capacitor
   i. Low Voltage Ceramic Capacitor (Lower Than 500V)
   ii. High Voltage Ceramic Capacitor (Higher Than 500V)
   iii. Alternating Current Ceramic Capacitor
   iv. Ceramic Chip Capacitor
4. Double Electric Layer Capacitor
5. Foil Mica Capacitor
6. Glass Glaze Capacitor
7. Aluminum Electrolytic Capacitor
   Including: Chip Aluminum Electrolytic Capacitor
8. Tantalum Electrolytic Capacitor
   Including: Chip Tantalum Electrolytic Capacitor
9. Columbium Electrolytic Capacitor
10. Other Electrolytic Capacitors
11. Variable Capacitor
   i. Air Variable Capacitor
   ii. Film Variable Capacitor
   iii. Glass Glaze Trimmer Capacitor
   iv. Magnetism Trimmer Variable Capacitor
12. Vacuum Capacitor
   i. Fixed Glass, Ceramic Vacuum Capacitor
   ii. Variable Vacuum Capacitor
   iii. Fine Adjustment Vacuum Capacitor
   iv. Other Vacuum Capacitors
13. Other Capacitors
14. Capacitor Network
II. Resistors and Potentiometers
1. Fixed Resistor
   i. Carbon Film Resistor
   ii. Metal Film Resistor
   iii. Metal Oxide Film Resistor
   iv. Glass Glaze Resistor
   v. Wire Wound Resistor
   vi. Compound Film Resistor
   vii. Solid Resistor
   viii. Glaze Resistor
   ix. Chip Resistor
   x. Fusible Resistor
   xi. Microstrip Resistor
   xii. Other Resistors
2. Potentiometer
i. Wire Wound Potentiometer
ii. Carbon Film Potentiometer
iii. Solid Core Potentiometer
iv. Glass Glaze Potentiometer
v. Metal Film Potentiometer
vi. Conductive Plastic Potentiometer
vii. Chip Potentiometer
viii. Preset Potentiometer
ix. Sensitive Potentiometer
x. High Voltage Focus Potentiometer
3. Resistance Attenuator
4. Other Resistors, Potentiometers
5. Resistive Network

III. Electrical Connector Element
1. Low Frequency Connector
i. Circular Connector
ii. Rectangle Connector
iii. Printed Circuit Connector
iv. Bar Connector
v. Ribbon Cable Connector
vi. Plug Jack
vii. Chip Low Frequency Connector
viii. Other Low Frequency Connectors
ix. Low Frequency Connector Cable Set
2. Radio Frequency Connector
i. Universal Radio Frequency Connector
ii. High Power Pulse and High Pressure Radio Frequency Connector
iii. Chip Radio Frequency Connector
iv. Other Radio Frequency Connectors
v. Radio Frequency Connector Cable Components
3. Optical Cable Connector
4. Other Connectors
5. Switch
i. Rotary Switch
ii. Push Button Switch
iii. Assembled Push-Button Switch
iv. Keyboard Switch
v. Tiny Switch
vi. Button Switch
vii. Dual In-Line Package Switch
viii. Sliding Switch
ix. Membrane Switch
x. Leaf Switch
xi. Light Passive Components
xii. Other Switches
6. Base (Plug in Type)
i. Integrated Circuit Jack
ii. Semiconductor Discrete Device Jack
iii. Kinescope Jack
iv. Resistance Tube Jack (Includes Metal and Ceramic Tubes)
v. Relay Jack
vi. Resonator Jack
vii. Battery Jack
viii. Other Electronic Element Jacks
IV. Control Elements
1. Relay
i. Direct Current Electromagnetic Relay
ii. Magnetic Latching Relay
iii. Polarized Relay
iv. Alternating Current Electromagnetic Relay
v. Temperature Relay
vi. Coaxial Relay
vii. High Frequency Relay
viii. Vacuum Relay
ix. Solid State Relay
x. Dry Reed Relay
xi. Mercury Reed Relay
xii. Time Delay Relay
xiii. Contact Relay
xiv. Car Relay
xv. Chip Relay
xvi. Other Relays
2. Chopper
3. Sensor
V. Magnetic Material Inductance Transformer
1. Metal Soft Magnetic Element
i. ALSiFe Powder Core
ii. Fe-C Powder Core
iii. FeNiMo Powder Core
2. Ferrite Soft Magnetic Element
i. Screw-Shaped Magnetic Core
ii. Box-Shaped Magnetic Core
iii. E-Shaped Magnetic Core (EC, EI, ELD-Type)
iv. U-Shaped Magnetic Core
v. Cup-Shaped Magnetic Core
vi. Tube Magnetic Core
vii. Column Magnetic Core
viii. Pot Magnetic Core (Includes Diamond-Shaped, X-Shaped, Rectangle-Shaped)
ix. Toroid Magnetic Core
x. Intermediate Frequency Transformer Magnetic Core
xi. Deflecting Magnetic Core
xii. Double-hole, Multihole Magnetic Core
xiii. Antenna Magnetic Core
xiv. Other Magnetic Cores
3. Ferrite Permanent Magnetic Element
   i. Barium Ferrite Permanent Magnetic Element
   ii. Strontium Ferrite Permanent Magnetic Element
   iii. Tile Magnet for Motor
   iv. Bonded Ferrite Element
4. Permanent-Magnetic Alloy
   i. Aluminum Nickel Cobalt Magnet Steel
   ii. Mishima Magnet Steel
   iii. Samarium Cobalt Magnet Steel (Includes Samarium Praseodymium Cobalt Magnet Steel)
   iv. Neodymium, Iron and Boron Permanent Magnet
   v. Bonded Thulium Permanent Magnet
   vi. Other Alloy Permanent Magnet
5. Inductor
   i. Variable Inductor
   ii. Fixed and Color Code Inductor
   iii. Series Multilayer Chip Inductor
   iv. Wire Wound Chip Inductor
   v. LC Filter
6. Microwave Device
   i. Microwave Ferrite Single Crystal Oscillator
   ii. Microwave Ferrite Circulator
   iii. Microwave Ferrite Isolator
   iv. Microwave Ferrite Amplitude Limiter
   v. Microwave Ferrite Filter
   vi. Microwave Ferrite Switch
   vii. Other Microwave Magnetism Devices
7. Electronic Transformer
   i. Medium Frequency Transformer
   ii. Audio Frequency Transformer
   iii. Pulse Transformer
   iv. Power Transformer
   v. Switching Mode Power Supply Transformer
   vi. Chip Transformer
   vii. Other Electronic Transformers
8. Coil
   i. Degaussing Coil
   ii. Other Coils
VI. Electroacoustic Device
1. Communications Electroacoustic Device
   i. Telephone Transmitter
   ii. Receiver
   iii. Assembly Parts
2. Microphone
   i. Capacitor Microphone
   ii. Moving Coil Microphone
   iii. Electret Microphone
   iv. Wireless Microphone
   v. Other Microphones
3. Speaker
   i. Horn Speaker
   ii. Direct Radiation Speaker
   iii. Dome Speaker
   iv. Car Speaker
   v. Other Speakers
4. Sound Box and Column for Speaker
   i. Sound Column Speaker
   ii. Speaker for Movie Player
   iii. Household Speaker
   iv. High Fidelity Speaker
   v. Monitoring Speaker
   vi. Computer Speaker
   vii. Other Speakers
5. Earphone
   i. Broad Band High Fidelity Stereophonic Headphone
   ii. Stereophonic Headphone
   iii. Non-stereophonic Headphone
   iv. Mini-size Stereophonic Headphone
   v. Earplug
   vi. Infrared Earphone
6. Pick-Up
7. Buzzer
8. Buzzer Sheet
VII. Element for Frequency Control and Selection
1. Piezoelectric Ceramic and Frequency Element
   i. Piezoelectric Ceramic Filter
   ii. Piezoelectric Ceramic Resonator
   iii. Piezoelectric Ceramic Discriminator
   iv. Chip Piezoelectric Ceramic Device
   v. Tuning fork
   vi. Surface Acoustic Wave Filter
   vii. Surface Acoustic Wave Oscillator
viii. Chip Surface Wave Device
ix. Microwave Medium Device
x. Various Types of Delay Lines
2. Piezoelectric Quartz Crystal Device
   i. Piezoelectric Quartz Crystal Resonator
   ii. Piezoelectric Quartz Crystal Filter
   iii. Piezoelectric Quartz Crystal Oscillator
   iv. Chip Piezoelectric Quartz Crystal Device
VIII. Other Elements and Parts
1. Electronic Ceramic Part
   i. Carbon Film Resistance Ceramic Part
   ii. Metal Film Resistance Ceramic Part
   iii. Capacitor Ceramic Part
   iv. Alumina Ceramic Part
   v. Beryllium Oxide Ceramic Part
   vi. Ceramic and Glass Insulator
   vii. Other Ceramic Parts
   viii. Ceramic Substrate for Chip Resistor
   ix. Ceramic Substrate for Thick Film Integrate Circuit
   x. Ceramic Substrate for Potentiometer
   xi. Other
2. Panel Element
3. Absorber
4. Selenium Pile and Selenium Slice
5. Fastener
6. Quartz Crystal Device and Relay Package or Tube Socket
7. Electroacoustic Components and Parts

Electronic Printed Circuit Board
1. Electronic Printed Circuit Board
   1. Single-Sided Printed Circuit Board
   2. Double-Sided Printed Circuit Board
   3. Multilayer Printed Circuit Board
   4. Flexible Printed Circuit Board
   5. Rigid and Flexible Printed Circuit Board
   6. Carbon Film Printed Circuit Board

Sensing Element and Sensor
1. Sensing Element
   1. Force Sensor
   2. Voltage Dependent Resistor
   3. Optical Sensor
   4. Temperature Sensor
   5. Magnetism Sensor
   6. Humidity-Dependent Sensor
   7. Gas Sensor
Electronic Plastic Part (I3070)

Electronic Plastic Part

Electronic Device Industry
Vacuum Electron Device
I. Electron Tube
1. Receiving Amplifier Tube
   i. Filamentary Miniature Tube
   ii. Cathode Heater Bantam Tube
   iii. Frame Grid Bantam Tube
   iv. Subminiature Tube
   v. Octal Tube
   vi. Peanut Tube
2. Loctal Tube
3. Transmitting Tube
   i. Medium and Small Power Glass Transmitting Tube
   ii. Medium and Small Power Ceramic Transmitting Tube
   iii. High Power Glass Transmitting Tube
   iv. High Power Ceramic Transmitting Tube
   v. Modulation Valve
4. Ultra High Frequency Tube
   i. Magnetron
   ii. Microwave Gas Discharge Tube
   iii. Klystron
   iv. Backward Wave Tube
   v. Traveling Wave Tube
   vi. Noise Tube
   vii. Lighthouse Tube
   viii. Small Ceramic Tube
   ix. Pencil Tube
   x. Antenna Switch Tube
   xi. Solid Discharge Tube
5. Stabilizer Tube
   i. Voltage Regulator Tube
   ii. Anemostat
   iii. Fixed Amplitude Tube
II. Electron Beam Tube
1. White and Black Kinescope
   i. Less Than 31 cm
   ii. 31 cm
   iii. 35 cm
   iv. 44 cm
   v. More Than 44 cm
2. Color Picture Tube
   i. 37 cm
ii. 47 cm
iii. 49 cm
iv. 51 cm
v. 54 cm
vi. 56 cm
vii. 64 cm
viii. 74 cm
ix. Other

3. Other Electron Beam Tubes
i. Projection Tube
ii. Monitoring Tube (Display Tube)
iii. Oscilloscope Tube
iv. Storage Tube
v. Pulse Forming Tube
vi. Flying Spot Tube

4. Ionic Tube
i. Thyatron
ii. Rectifying Valve
iii. Discharge Tube
iv. Decade Counter Tube
v. Cold Cathode Trigger Tube
vi. Ultraviolet Light Sensing Tube

5. Laser Counter Tube

6. X-Ray Tube
i. Medical X-Ray Tube
ii. Industry X-Ray Tube
iii. Rotary Anode X Ray Tube

7. Vacuum Switching Tube
i. High and Medium Pressure Vacuum Switching Tube (3-36 KV)
ii. Low Pressure Vacuum Switching Tube (Less Than 3 KV)

8. Other Electronic Vacuum Devices

9. Kinescope Fittings
i. Parts for Black and White Color Picture Tube Electron Gun
ii. Parts for Color Picture Tube Electron Gun
iii. Glass Bulb for Black and White Kinescope
a. Less Than 31 cm
b. 31 cm
c. 35 cm
d. 44 cm
e. Other

iv. Glass Bulb for Color Picture Tube
i. 37 cm
ii. 47 cm
iii. 49 cm
iv. 51 cm
v. 54 cm
vi. 56 cm
vii. 64 cm
viii. 74 cm
ix. Other
v. Shadow Mask for Color Picture Tube
i. 37 cm
ii. 47 cm
iii. 49 cm
iv. 51 cm
v. 54 cm
vi. 56 cm
vii. 64 cm
viii. 74 cm
ix. Other

III. Electric Light Source
1. High Pressure Sodium Vapor Lamp
2. Halogen Lamp
3. Lamp for Car
4. Fluorescent Lamp
5. Electricity Saving Lamp
6. Other

Photoelectric Device and Other Electronic Device
I. Display Module
1. PDP
2. LCD

II. Electron Beam Photoelectric Device
1. Photoelectric Cell
2. Photomultiplier
3. X-Ray Image Intensifier Tube
4. Electron Multiplier Tube
5. Pickup Tube
6. Photoelectric Image Device

III. Electric Vacuum Photoelectron Device
1. Displaying Device
2. Illuminating Device
3. Photosensing Device
4. Photoelectric Coupling Device
5. Infrared Device
6. Laser Device

IV. Semiconductor Photoelectric Device
1. Photoelectric Coupling Device
i. Charge Coupled Device (CCD)
ii. Other Photoelectric Coupling Devices
2. Photoelectric Detecting Device
   i. Photodiode
   ii. Phototriode
   iii. Other Photoelectric Detecting Devices
3. Light Emitting Diode
   i. Infrared Light Emitting Diode
   ii. Red Light Emitting Diode
   iii. Yellow Light Emitting Diode
   iv. Orange Light Emitting Diode
   v. Green Light Emitting Diode
   vi. Blue Light Emitting Diode
   vii. Digitron Components
   viii. Other Light Emitting Diodes
4. Laser Device
   i. Semiconductor Laser Device
   ii. Solid State Laser Device
   iii. Other Laser Devices
V. Photo Communications Device
   1. Photo Communications Active Device
   2. Other Photo Communications Devices
VI. Other Semiconductor Photoelectric Devices

**Semiconductor Discrete Device**
I. Semiconductor Diode
   1. Germanium Diode
   2. Silicon Diode
      i. Silicon Commutate Diode
      ii. Silicon Switch Diode
      iii. Silicon Steady Press Diode
      iv. High Voltage Silicon Stack
      v. Bridge Rectifier
      vi. Variable Capacitance Diode
      vii. Silica Booster Back Pulse Diode
      viii. Mixer Detector Diode
      ix. Schottky Diode
     x. Avalanche Diode
     xi. Microwave Diode
     xii. Solid Discharge Diode
     xiii. Other Silica Diodes
   3. Compound Diode
      i. Gallium Arsenide Variable Capacitance Diode
      ii. Gallium Arsenide Switch Tube
      iii. Gallium Arsenide Bulk Effect Diode
      iv. Gallium Arsenide Tunnel Diode
v. Gallium Arsenide Mixer Diode
vi. Phosphor Gallium Arsenide Microwave Tube
vii. Diode Stack
viii. Other Compound Diodes
4. Other Diodes
II. Semiconductor Triodes
1. Germanium Triode
   i. Germanium High Frequency Low Power Tube
   ii. Germanium Triode
2. Silicon Triodes
   i. Silicon High Frequency Low Power Triode
   ii. Silicon Transwitch Triodes
   iii. Silicon Low Frequency High Power Triodes
   iv. Silicon High Frequency High Power Triodes
   v. Silicon High Counter Voltage Power Tube
   vi. Darlington Tube
   vii. Field Effect Tube
   viii. Silicon Microwave Power Tube
   ix. Silicon Microwave Low Noise Tube
x. Thyristor Unit
xi. Other Silicon Triodes
3. Compound Triodes
   i. Gallium Arsenide Microwave Field Effect Tube
   ii. Other Compound Triodes
III. Special Type Devices and Sensors
1. Sensitive Devices and Sensors
   i. Pressure Sensitive Device and Sensor
   ii. Magnet Sensitive Device (Include Hall Device and Hall Circuit)
   iii. Gas Sensitive Device and Sensor
   iv. Humidity Sensitive Device and Sensor
   v. Ion Sensitive Device
   vi. Sound Sensitive Device
   vii. Ray Sensitive Device
   viii. BioSensor Device
   ix. Electrostatic Sensor Device
   x. Other Sensitive Devices
2. Other Devices
   i. Semiconductor Freezing Device
   ii. Other Devices
IV. Power Semiconductor Device (More Than 5 A)
1. Rectifier Diode
2. General Thyristor
3. Bidirectional Thyristor
4. High Speed Thyristor
5. High Frequency Thyristor
6. Giant Transistor (GTR)
7. Gate Turn-Off Thyristor (GTO)
8. Thyristor Module
9. Insulated Gate Bipolar Transistor, (IGBT)
10. Power MOS Field Effect Tube
11. Solid State Relay Module
12. Static Induction Transistor Device (SIT)
13. Other Power Semiconductor Device

**Integrated Circuit**

I. Integrated Circuit
   Including: Large-Scale Integrated Circuit
   1. Bipolar Digital Circuit
      i. TTL Circuit
         a. SLTTL Circuit
         b. Other TTL Circuits
      ii. ECL Circuit
      iii. Gate Array Circuit
      iv. Other Bipolar Digital Circuit
   2. MOS Digital Circuit
      Including: Large Scale MOS Digital Circuit
      i. CMOS Circuit
      ii. NMOS Circuit
      iii. BICMOS Circuit
      iv. Gate Array Circuit
   3. Interface Circuit
      Including: Large Scale Interface Circuit
      i. Switching Circuit (A/D, D/A, V/F, F/V etc.)
      ii. Driver Circuit
   4. Artificial Circuit
      i. Operational Amplifier
      ii. Voltage Comparator
      iii. Time Base Circuit
      iv. Phase Locking Cyclic Circuit
      v. Pulse Width Modulator
      vi. Other Artificial Circuits
   5. Power Supply Circuit
      i. Common Voltage Stabilizing Circuit
      ii. Switch Power Supply Control Circuit
      iii. DC-DC Converter
      iv. Other Power Supply Circuits
   6. Dedicated Circuit
      Including: Large Scale Dedicated Circuit
      i. Television Circuit
a. Black and White Television Circuit
b. Color Television Circuit
ii. Acoustics Circuit
iii. Electronic Clock Circuit
iv. Electronic Toy Circuit
v. Circuit for Motor Speed Controller
vi. Tele-operator Transmitting and Receiving Circuit
vii. Dedicated Circuit for Household Electrical Appliance
viii. Display Driver Circuit
ix. Calculator Circuit
x. Communications Circuit
a. Mobile Communications Mobile Telephone Circuit
b. Mobile Communications BP Circuit
c. Fixed Communications Switch Circuit
d. Mobile Communications Base Station and Switch Circuit
e. Optical Communications Circuit
f. Telephone Set Circuit
g. Other Communications Circuits
xi. Automobile Dedicated Circuit
xii. Digital Audio and Video Circuit
a. Circuit for Image Compression Decompress
b. CMOS Transistor Videotape Chip
c. Image Processing Circuit
d. Other Digital Audio and Video Circuits
xiii. Smart Card Dedicated Circuit
xiv. Other
7. Storage Unit Circuit
8. Computer Circuit
i. Universal Central Processing Unit (CPU)
ii. Flush-bonding Central Processing Unit
iii. Micro Control Unit (MCU)
iv. Chip Set and Interface Circuit
v. Peripheral Equipment Circuit
vi. Other Computer Circuits
9. Digital Signal Processor (DSP)
10. Microwave Integrated Circuit
i. Microwave Monolithic Integrated Circuit
ii. Microwave and Millimeter Wave Hybrid Integrated Circuit
iii. Other Microwave Integrated Circuits
11. Hybrid Integrated Circuit
i. Thin Film Hybrid Integrated Circuit
ii. Thick Film Hybrid Integrated Circuit
12. Sensor Circuit
i. Pressure Sensor Circuit
ii. Other Sensor Circuits
13. Integrated Circuit Chip
   i. Integrated Circuit Chip
   ii. Other Integrated Circuit Chips

**Micro and Special Motor**
1. Dedicated Micro and Special Motor
   i. Motor for Electrograph and Tele-printer
   ii. Motor for Phonograph (CD Phonograph, Record Player)
   iii. Motor for Computer Peripheral Equipment
   iv. Motor for Duplicating Machine
   v. Motor for Video and Laser Player
   vi. Micro Vibrating Motor for Mobile Telephone and Beep Pager
   vii. Motor for Audio Recorder
2. Generator
   i. Hand Generator Set
   ii. Changing Frequency and Current Generator
   iii. Generating Set
3. Other Generators
   i. Washing Machine Motor
   ii. Fan Motor
   iii. Compressor Motor

**Electronic Wire and Cable**
I. Installing Wire and Cable
1. Installing Wire
2. Installing Cable
3. Ribbon Cable
4. Spring Wire for Telephone and Computer
5. Power Plug Wire
II. Radio Frequency Cable
1. CATV Coaxial Cable
2. Corrugated Outer Conductor Radio Frequency Cable
3. RF Coaxial Cable
4. Universal Radio Frequency Cable
III. Composite Cable
IV. Cable for Communications and Electronic Network
1. Communications Cable for Military
2. Telephone Communications Cable
3. Monitoring and Communications Used In Underground Mining and Tunnels
4. Cable for Computer Network
V. Other Wires and Cables
VI. Electronic Wire Material
1. Electronic Device Lead
2. Bare Copper Wire
3. Copper-Clad Steel Wire
4. Minuteness Enameled Wire (Less Than 0.6 mm)
5. General Enameled Wire (More Than 0.6 mm)
6. Cotton Covered Wire Lapped Wire
7. Other Electronic Wire Material

**Fiber Optical, Fiber Optical Cable**
I. Fiber Optical
   1. Monomode Fiber
   2. Multimode Fiber
   3. Plastic Fiber
II. Fiber Optical Cable
   1. Special Type Fiber Optical Cable
   2. Common Fiber Optical Cable
   3. Ribbon Fiber Optical Cable
   4. Special Type Fiber Optical Cable
   5. Other Fiber Optical Cables

**Battery**
I. Alkaline Storage Battery
   1. Button Type Cadmium-Nickel Storage Battery
   2. Nickel Hydrogen Storage Battery
II. Lithium Storage Battery
   1. Liquid Lithium Ion Storage Battery
   2. Polymer Lithium Ion Storage Battery
   3. Other Lithium Storage Battery
III. Reserve Battery
   1. Silver Activating Battery
   2. Thermal Cell
   3. Lead Activating Battery
   4. Magnesium Reserve Battery
   5. Other Reserve Batteries
IV. Physical Power Source
   1. Silicon Solar Battery
   2. Gallium Arsenide Solar Battery
   3. Other Solar Batteries
   4. Thermoelectric Generator
V. Physical and Chemical Power Source System
VI. Storage Battery Charger
VII. Battery Dedicated Accessories
   1. Foam Nickel, Fiber Nickel Strip
   2. Cathode and Anode Strip for Nickel Hydrogen Battery
   3. Lithium Storage Battery Dedicated Accessories
   4. Other Battery Accessories

**Electronic Application Products**
**Household Electrical and Electronic Products**
   1. Electronic keyboard
2. Electronic Game Player
3. Microwave Oven
4. Electromagnetism Stove
5. Other

Medical Electronic Device and Apparatus
1. Medical Electronic Instrument and Device
   1. Instrument and Device for Heart, Brain, Muscle, Eye
   2. Oscillograph and Recording Instrument for Electrocardiograph and Physiology
   3. Monitoring Apparatus
   4. Cardiac Telemetry System
   5. Emergency Therapy Apparatus
   6. Blood Measuring Apparatus
   7. Gas Analysis Measuring Instrument
   8. Electronic Body Temperature and Pressure Measuring Device
II. Medical Ultrasonic Apparatus
1. Diasonograph Apparatus
2. Ultrasonic Therapeutic Apparatus
3. Ultrasonic Transducer
III. Medical Laser Instrument and Apparatus
1. Laser Diagnostic Instrument
2. Laser Therapeutic Apparatus
3. Laser Inspecting Apparatus
IV. Medical Biochemical Analytic Apparatus
1. Separation and Preparation Apparatus
2. Biochemical Analytic Apparatus
V. Medical High Frequency, Microwave, Radiation and Nuclide Apparatus
1. Medical High Frequency Apparatus
2. Medical Microwave Diagnostic, Therapeutic Instrument
3. Medical Radiation Diagnostic, Therapeutic Apparatus
4. Medical Nuclide Diagnostic, Therapeutic Apparatus
VI. Apparatus for Lunar Physics [traditional Chinese medicine apparatus]
1. Diagnostic Instrument
2. A Variety Of Electrotherapeutics, Magnetic Therapy, Phototherapy and Acupuncture
   Anesthetic Instrument
VII. Other Medical Electronics Instrument
1. Medical Optical Instrument
2. Extracorporeal Circulation Instrument
3. Other

Electronic Dedicated Material Products
Electronic Element Material
1. Electronic Element Material
   1. Insulating Paper
   2. Cellulose Paper Copper Clad Laminates
   3. Woven Glass Fabric Copper Clad Laminates
4. Electronic Optical Glass
5. Dedicated Steel Wire
6. Electrolytic Manganese Dioxide Powder
7. Aluminum Foil Material for Capacitor
   i. Aluminum Foil
   ii. Polyester Film
   iii. Polypropylene Film
8. Piezoelectric Material
   i. Lithium Niobate Single Crystal
   ii. Lithium Tantalate Single Crystal
   iii. Synthetic Quartz
9. Fiber Optical Prefabricated Stick

**Vacuum Electronic Device Material**

I. Vacuum Electronic Device Material
   1. Tungsten Manufactured Product
      i. Tungsten Wire
      ii. Tungsten Rod
      iii. Stranded Tungsten Wire Heater Element
      iv. Tungsten Sheet
   2. Molybdenum Manufacture
      i. Molybdenum Wire
      ii. Molybdenum Dry
      iii. Molybdenum Sheet
   3. Nickel-Based Alloy
      i. Nickel Wire
      ii. Nickel Strip
      iii. Nickel Tube
   4. Compound Metal Electronic Material
      i. Dumet Wire
      ii. Nickel Coated Metal Strip
   5. Contact Material
      Including: Copper Tungsten Alloy
   6. Glass for Electronic Vacuum Device
   7. Liquid Crystal Material
   8. Alloy Material
      i. Silver Copper Solder
      ii. Lead Tin Alloy Material
      iii. Gold Antimony Alloy Material
      iv. Other Alloy Materials
   9. Other Electronic Vacuum Materials

**Semiconductor Material**

I. Semiconductor Material
   1. Semiconductor Single Crystal
      i. Germanium Single Crystal
ii. Silicon Single Crystal  
iii. Compound Single Crystal  
2. Semiconductor Sheet Material  
i. Semiconductor Polished Chip  
ii. Semiconductor Epiwafer  
iii. Other Semiconductor Materials  
3. Semiconductor Encapsulation Material  
i. Gold Bonding Wire  
ii. Aluminum Silicon Bonding Wire  
iii. Metal Package for Encapsulation  
iv. Ceramic Shell Used for Encapsulation  
v. Plastic Package Lead Frame and Metal Strip for Discrete Devices  
vi. Plastic Package Lead Frame and Metal Strip for Integrate Circuit  
vii. Molding Material Powder and Auxiliary Material for Encapsulation  
viii. Other Semiconductor Encapsulation Material  
4. Photo Mask  
5. Quartz Product  

**Chemical Material Incorporating Information Technology**  
I. Chemical Material Incorporating Information Technology  
1. Fluorescence Powder  
i. Colored Fluorescence Powder  
ii. Black and White Fluorescence Powder  
2. Carbonate  
3. Getter  
i. Evaporable Type Getter  
ii. Nonevaporable Type Getter  
iii. Hydrargyrum and Titanium mixture  
4. Photoresist  

*(All information published in this website is authentic in Chinese. English is provided for reference only.)*