

## (6) 通信機械器具及び無線応用装置

## Communication and related equipment

| 品目<br>Commodity   | 単位<br>Unit | 生産<br>Production |                                   | 受入<br>Receipts | 出荷<br>Shipments |                                   |               | 月末在庫<br>Inventory |
|---|------------|------------------|-----------------------------------|----------------|-----------------|-----------------------------------|---------------|-------------------|
|   |            | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売<br>Sales     |                                   | その他<br>Others |                   |
|   |            |                  |                                   |                | 数量<br>Quantity  | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>通信機械器具及び無線応用装置 ☆</b><br>Communication and related equipment                            |            |                  | <b>50,885</b>                     |                |                 |                                   |               |                   |
| 電話機<br>Telephone sets   | 台<br>(n)   | 24,123           | 199                               | 6,151          | 25,574          | 196                               | 1,950         | 22,502            |
| <b>電話応用装置</b><br>Applied telephone equipment  |            |                  | <b>3,644</b>                      |                |                 | <b>4,653</b>                      |               |                   |
| ボタン電話装置<br>Key system telephone equipment   | 台<br>(n)   | 5,540            | 1,274                             | 2,208          | 6,133           | 1,403                             | -             | 7,417             |
| インターホン<br>Interphone  | 式<br>(n)   | 144,846          | 2,370                             | 215,330        | 293,939         | 3,250                             | 3             | 560,238           |
| ファクシミリ<br>Facsimile machines  | 台<br>(n)   | 1,144            | 91                                | 214            | 1,199           | 95                                | -             | 256               |
| <b>交換機</b><br>Switching system  |            |                  | <b>1,611</b>                      |                |                 |                                   |               |                   |
| <b>電子交換機</b><br>Electronic switching system   |            |                  | <b>1,309</b>                      |                |                 |                                   |               |                   |
| 局用<br>Central office switching system   |            | ...              | 316                               | ...            | ...             | ...                               | ...           | ...               |
| 構内用<br>Private branch exchange  |            | ...              | 993                               | ...            | ...             | ...                               | ...           | ...               |
| その他の交換機・付属装置<br>Other switching equipment and auxiliaries                                 |            | ...              | 302                               | ...            | ...             | ...                               | ...           | ...               |
| <b>搬送装置</b><br>Carrier transmission equipment   |            |                  | <b>8,281</b>                      |                |                 |                                   |               |                   |
| デジタル伝送装置<br>Digital transmission equipment  | 台<br>(n)   | 562              | 3,322                             | ...            | ...             | ...                               | ...           | ...               |
| その他の搬送装置・付属装置<br>(変復調装置を含む)<br>Other carrier transmission equipment<br>(including modems) |            | ...              | 4,959                             | ...            | ...             | ...                               | ...           | ...               |

(6) 通信機械器具及び無線応用装置(続き)  
Communication and related equipment (continued)

| 品目<br>Commodity   | 単位<br>Unit | 生産<br>Production |                                   | 受入<br>Receipts | 出荷<br>Shipments  |                                   |               | 月末在庫<br>Inventory |
|---|------------|------------------|-----------------------------------|----------------|------------------|-----------------------------------|---------------|-------------------|
|   |            | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売<br>Sales      |                                   | その他<br>Others |                   |
|   |            |                  |                                   |                | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>通信機械器具及び無線応用装置(続き)</b><br>Communication and related equipment (continued)                                |            |                  |                                   |                |                  |                                   |               |                   |
| <b>無線通信機器(衛星通信装置を含む)</b><br>Radio communication equipment<br>(including satellite communications equipment) |            | <b>34,879</b>    |                                   |                |                  |                                   |               |                   |
| 放送装置<br>Broadcasting equipment  | 台<br>(n)   | 4,199            | 2,832                             | ...            | ...              | ...                               | ...           | ...               |
| <b>無線通信装置</b><br>Radio communication equipment  |            | <b>1,041,910</b> | <b>23,461</b>                     |                |                  |                                   |               |                   |
| 固定通信装置(衛星・地上系)<br>Fixed communication equipment<br>(satellite, ground based)                                | 台<br>(n)   | 18,665           | 1,781                             | ...            | ...              | ...                               | ...           | ...               |
| <b>移動通信装置</b><br>Radio communications equipment for mobile  |            | <b>985,667</b>   | <b>21,425</b>                     |                |                  |                                   |               |                   |
| <b>移動局通信装置</b><br>Radio communications equipment for<br>mobile station                                      |            | <b>978,585</b>   | <b>14,343</b>                     |                |                  |                                   |               |                   |
| <b>陸上移動通信装置</b><br>Landing radio communication equipment  |            | <b>964,598</b>   | <b>13,951</b>                     | <b>373,704</b> | <b>1,335,601</b> | <b>24,879</b>                     | -             | <b>297,690</b>    |
| 携帯電話<br>Cellular telephone  | 台<br>(n)   | 613,327          | 11,823                            | 364,371        | 978,358          | 22,756                            | -             | 97,129            |
| 公衆用PHS端末<br>Public personal handyphone  | 台<br>(n)   | 35,000           | 170                               | -              | 35,000           | 197                               | -             | -                 |
| その他の陸上移動通信装置<br>Other radio communication<br>equipment for mobile station                                   | 台<br>(n)   | 316,271          | 1,958                             | 9,333          | 322,243          | 1,926                             | -             | 200,561           |
| 海上・航空移動通信装置<br>Marine and aeronautical radio<br>communication equipment                                     | 台<br>(n)   | 13,987           | 392                               | ...            | ...              | ...                               | ...           | ...               |
| 基地局通信装置<br>Basic exchange for mobile customer<br>premises   | 台<br>(n)   | 7,082            | 7,082                             | ...            | ...              | ...                               | ...           | ...               |
| その他の無線通信装置<br>Other radio communication equipment   | 台<br>(n)   | 37,578           | 255                               | ...            | ...              | ...                               | ...           | ...               |
| <b>無線応用装置</b><br>Associated radio equipment   |            |                  | <b>8,586</b>                      |                |                  |                                   |               |                   |
| レーダ装置<br>Radar equipment  | 台<br>(n)   | 2,762            | 1,972                             | ...            | ...              | ...                               | ...           | ...               |
| 無線位置測定装置<br>Maker radio measuring equipment   | 台<br>(n)   | 42,380           | 1,045                             | ...            | ...              | ...                               | ...           | ...               |
| テレメータ・テレコントロール<br>Telemeter, telecontrol  | 台<br>(n)   | 82               | 331                               | ...            | ...              | ...                               | ...           | ...               |
| その他の無線応用装置<br>Other associated radio equipment  |            | ...              | 5,238                             | ...            | ...              | ...                               | ...           | ...               |
| ネットワーク接続機器<br>Network access equipment  | 台<br>(n)   | 173,726          | 2,180                             | ...            | ...              | ...                               | ...           | ...               |

## (7) 民生用電子機械器具

Consumer electronic appliance

(単位:台) (Unit: n)

| 品目<br>Commodity   | 生産<br>Production |                                   | 受入<br>Receipts | 出荷<br>Shipments |                                   |                | 月末在庫<br>Inventory |
|---|------------------|-----------------------------------|----------------|-----------------|-----------------------------------|----------------|-------------------|
|   | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売<br>Sales     |                                   | その他<br>Others  |                   |
|   |                  |                                   |                | 数量<br>Quantity  | 金額(百万円)<br>Value<br>(million yen) |                |                   |
| <b>民生用電子機械器具</b><br>Consumer electronic appliance               | <b>51,963</b>    |                                   |                | <b>78,480</b>   |                                   |                |                   |
| <b>薄型テレビ</b><br>Flat panel television                           | <b>41,881</b>    | <b>4,247</b>                      | <b>222,313</b> | <b>277,678</b>  | <b>15,712</b>                     | <b>1,239</b>   | <b>189,487</b>    |
| 40型以上<br>Greater than or equal to 40inch                        | 33,223           | 4,052                             | 109,990        | 153,686         | 12,823                            | 730            | 95,739            |
| 40型未満<br>Less than 40inch                                       | 8,658            | 195                               | 112,323        | 123,992         | 2,889                             | 509            | 93,748            |
| ビデオカメラ(放送用を除く)<br>Video camera (except for broadcast)           | 8,439            | 658                               | 57,914         | 54,281          | 1,786                             | 3,049          | 48,843            |
| <b>デジタルカメラ</b><br>Digital still camera                          | <b>349,295</b>   | <b>15,163</b>                     | <b>562,018</b> | <b>423,870</b>  | <b>17,681</b>                     | <b>510,321</b> | <b>195,808</b>    |
| 一眼レフタイプ(レンズ交換式)<br>Single lens reflex type (lens exchange type) | 267,905          | 13,209                            | 453,253        | 312,805         | 15,246                            | 438,287        | 148,052           |
| コンパクトタイプ<br>Compact type  | 81,390           | 1,954                             | 108,765        | 111,065         | 2,435                             | 72,034         | 47,756            |
| カーオーディオ<br>Car audio  | 112,836          | 3,985                             | 106,604        | 172,136         | 4,823                             | 44,477         | 161,007           |
| カーナビゲーションシステム<br>Car navigation system                          | 482,385          | 27,032                            | 259,813        | 624,439         | 36,905                            | 153,446        | 251,275           |
| 補聴器<br>Hearing aid  | 22,874           | 878                               | 18,311         | 31,097          | 1,573                             | 6,188          | 41,957            |

## (8) 電子部品

## Parts for electronic equipment

| 品目<br>Commodity  | 単位<br>Unit                | 生産<br>Production  |                                   | 品目<br>Commodity  | 単位<br>Unit   | 生産<br>Production |                                   |
|--|---------------------------|-------------------|-----------------------------------|--|--|------------------|-----------------------------------|
|  |                           | 数量<br>Quantity    | 金額(百万円)<br>Value<br>(million yen) |  |  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |
| <b>電子部品</b><br>Parts for electronic equipment  |                           |                   | x                                 | <b>電子回路基板</b><br>Electronic circuit boards   | m <sup>2</sup>                                       | <b>1,216,911</b> | <b>38,129</b>                     |
| <b>受動部品</b><br>Passive components  |                           |                   | <b>83,829</b>                     | <b>リジッドプリント配線板</b><br>Rigid printed wiring boards  | m <sup>2</sup>                                       | <b>835,237</b>   | <b>25,119</b>                     |
| <b>抵抗器</b><br>Resistors  | 千個<br>(10 <sup>3</sup> n) | <b>13,357,063</b> | <b>8,099</b>                      | 片面プリント配線板<br>Single-sided printed wiring boards  | m <sup>2</sup>                                       | 140,881          | 752                               |
| <b>可変抵抗器</b><br>Potentiometers   | 千個<br>(10 <sup>3</sup> n) | <b>101,705</b>    | <b>2,257</b>                      | 両面プリント配線板<br>Double-sided printed wiring boards  | m <sup>2</sup>                                       | 360,601          | 5,482                             |
| 半固定抵抗器<br>Trimmer potentiometers   | 千個<br>(10 <sup>3</sup> n) | 52,417            | 176                               | 多層プリント配線板(4層)<br>Multi layer printed wiring boards (4layers)                                 | m <sup>2</sup>                                       | 175,625          | 4,187                             |
| 炭素系可変抵抗器(半固定を除く)<br>Carbon composition potentiometers<br>(except trimmer potentiometers) | 千個<br>(10 <sup>3</sup> n) | 45,939            | 1,704                             | 多層プリント配線板(6~8層)<br>Multi layer printed wiring boards (6~8layers)                             | m <sup>2</sup>                                       | 68,944           | 4,809                             |
| その他の可変抵抗器<br>Other potentiometers  | 千個<br>(10 <sup>3</sup> n) | 3,349             | 377                               | 多層プリント配線板(10層以上)<br>Multi layer printed wiring boards<br>(greater than or equal to 10layers) | m <sup>2</sup>                                       | 9,488            | 1,755                             |
| <b>固定抵抗器</b><br>Fixed resistors  | 千個<br>(10 <sup>3</sup> n) | <b>13,255,358</b> | <b>5,842</b>                      | ビルドアップ多層配線板<br>Build-up multi layer printed wiring boards                                    | m <sup>2</sup>                                       | 79,698           | 8,134                             |
| ネットワーク抵抗器<br>Networks resistors  | 千個<br>(10 <sup>3</sup> n) | 896,552           | 684                               | <b>フレキシブルプリント配線板</b><br>Flexible printed wiring boards                                       | m <sup>2</sup>                                       | <b>319,784</b>   | <b>4,701</b>                      |
| チップ抵抗器<br>Chip resistors   | 千個<br>(10 <sup>3</sup> n) | 11,704,387        | 3,585                             | 片面フレキシブル配線板<br>Single-sided flexible printed wiring boards                                   | m <sup>2</sup>                                       | 96,195           | 1,123                             |
| その他の固定抵抗器<br>Other fixed resistors   | 千個<br>(10 <sup>3</sup> n) | 654,419           | 1,573                             | 両面・多層フレキシブル配線板<br>Double-sided or multilayer<br>flexible printed wiring boards               | m <sup>2</sup>                                       | 223,589          | 3,578                             |
| <b>固定コンデンサ</b><br>Fixed capacitors   | 千個<br>(10 <sup>3</sup> n) | <b>80,228,379</b> | <b>46,068</b>                     | <b>モジュール基板</b><br>Module boards  | m <sup>2</sup>                                       | <b>61,890</b>    | <b>8,309</b>                      |
| アルミ電解コンデンサ<br>Aluminum electrolytic capacitors   | 千個<br>(10 <sup>3</sup> n) | 960,799           | 11,201                            | リジッド系モジュール基板<br>Rigid-system module boards   | m <sup>2</sup>                                       | 38,707           | 7,740                             |
| タンタル電解コンデンサ<br>Tantalum electrolytic capacitors  | 千個<br>(10 <sup>3</sup> n) | 147,307           | 1,597                             | その他のモジュール基板<br>Other module boards   | m <sup>2</sup>                                       | 23,183           | 569                               |
| セラミックコンデンサ<br>Ceramic capacitors   | 千個<br>(10 <sup>3</sup> n) | 79,062,498        | 30,508                            | <b>電子回路実装基板</b><br>Electronic circuit jisso boards   | 千個<br>(10 <sup>3</sup> n)                            | <b>507,805</b>   | <b>10,428</b>                     |
| 金属化有機フィルムコンデンサ<br>Metallized plastic film capacitors                                     | 千個<br>(10 <sup>3</sup> n) | 28,546            | 1,003                             | プリント配線実装基板<br>Printed wiring jisso boards  | 千個<br>(10 <sup>3</sup> n)                            | 496,718          | 8,613                             |
| その他の固定コンデンサ<br>Other fixed capacitors  | 千個<br>(10 <sup>3</sup> n) | 29,229            | 1,759                             | モジュール実装基板<br>Module jisso boards   | 千個<br>(10 <sup>3</sup> n)                            | 11,087           | 1,815                             |
| トランス<br>Transformers   | 千個<br>(10 <sup>3</sup> n) | 1,554             | 722                               | 音響部品(スピーカ・マイクロホン)<br>Electroacoustics transducers<br>(loudspeakers, microphones)             | 千個<br>(10 <sup>3</sup> n)                            | 11,608           | 1,029                             |
| インダクタ(コイルを含む)<br>Inductors (including coils)   | 千個<br>(10 <sup>3</sup> n) | 9,911,086         | 5,063                             | <b>メモリ部品</b><br>Memorizing components  |  |                  | x                                 |
| <b>機能部品</b><br>Functional components   |                           |                   | <b>23,877</b>                     | <b>磁気テープ</b><br>Magnetic tapes   | 千m <sup>2</sup><br>(10 <sup>3</sup> m <sup>2</sup> ) | <b>21,606</b>    | <b>4,804</b>                      |
| 水晶振動子<br>Quartz crystal units  | 千個<br>(10 <sup>3</sup> n) | 246,423           | 4,104                             | 磁気録音・録画テープ<br>Magnetic sound, video recording tapes  | 千m <sup>2</sup><br>(10 <sup>3</sup> m <sup>2</sup> ) | x                | x                                 |
| フィルタ<br>Filters  | 千個<br>(10 <sup>3</sup> n) | 1,525,417         | 11,693                            | その他の磁気テープ<br>Other magnetic tapes  | 千m <sup>2</sup><br>(10 <sup>3</sup> m <sup>2</sup> ) | x                | x                                 |
| 複合部品<br>Multiple components  | 千個<br>(10 <sup>3</sup> n) | 508,337           | 8,080                             | 光ディスク<br>Optical disks   | 千枚<br>(10 <sup>3</sup> n)                            | x                | x                                 |
| <b>接続部品</b><br>Connecting components   |                           |                   | <b>40,212</b>                     | スイッチング電源<br>Switching power supply units   | 千台<br>(10 <sup>3</sup> n)                            | 3,105            | 6,688                             |
| スイッチ(通信・電子装置用に限る)<br>Switches (only for communication and<br>electronic equipments)      | 千個<br>(10 <sup>3</sup> n) | 993,653           | 4,819                             |  |  |                  |                                   |
| <b>コネクタ</b><br>Connectors  | 千個<br>(10 <sup>3</sup> n) | <b>2,549,099</b>  | <b>33,082</b>                     |  |  |                  |                                   |
| 同軸コネクタ<br>Coaxial connectors   | 千個<br>(10 <sup>3</sup> n) | 311,930           | 2,370                             |  |  |                  |                                   |
| プリント基板用コネクタ<br>Printed wiring board connectors   | 千個<br>(10 <sup>3</sup> n) | 1,452,383         | 22,266                            |  |  |                  |                                   |
| 丸形コネクタ<br>Circular connectors  | 千個<br>(10 <sup>3</sup> n) | 30,376            | 2,134                             |  |  |                  |                                   |
| 角形コネクタ<br>Square connectors  | 千個<br>(10 <sup>3</sup> n) | 83,788            | 1,762                             |  |  |                  |                                   |
| その他のコネクタ<br>Other connectors   | 千個<br>(10 <sup>3</sup> n) | 670,622           | 4,550                             |  |  |                  |                                   |
| リレー(有線通信機器用に限る)<br>Relays (only for communication,<br>electronic equipments)             | 千個<br>(10 <sup>3</sup> n) | 50,110            | 2,311                             |  |  |                  |                                   |

## (9) 電子管、半導体素子及び集積回路

## Electronic tubes, semiconductor devices and integrated circuits (electronic active devices)

| 品目<br>Commodity   | 単位<br>Unit                      | 生産<br>Production |                                   | 受入<br>Receipts   | 消費<br>Consumption | 出荷<br>Shipments  |                                   |                  | 月末在庫<br>Inventory |
|---|---------------------------------|------------------|-----------------------------------|------------------|-------------------|------------------|-----------------------------------|------------------|-------------------|
|   |                                 | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                  |                   | 販売<br>Sales      |                                   | その他<br>Others    |                   |
|   |                                 |                  |                                   |                  |                   | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                  |                   |
| <b>電子管、半導体素子及び集積回路</b><br>Electronic tubes, semiconductor devices and integrated circuits (electronic active devices) |                                 |                  | <b>402,471</b>                    |                  |                   |                  |                                   |                  |                   |
| <b>電子管</b><br>Electronic tubes  |                                 |                  | <b>4,029</b>                      |                  |                   |                  |                                   |                  |                   |
| マイクロ波管<br>Microwave tubes   | 本<br>(n)                        | 4,482            | 412                               | ...              | ...               | ...              | ...                               | ...              | ...               |
| 表示管<br>Indicator tubes  | 本<br>(n)                        | x                | x                                 | ...              | ...               | ...              | ...                               | ...              | ...               |
| X線管<br>X-ray tubes  | 本<br>(n)                        | 11,531           | 753                               | ...              | ...               | ...              | ...                               | ...              | ...               |
| その他の電子管<br>Other electronic tubes   | 本<br>(n)                        | 94,953           | x                                 | ...              | ...               | ...              | ...                               | ...              | ...               |
| <b>半導体素子</b><br>Semiconductor devices   |                                 | <b>5,167,831</b> | <b>64,870</b>                     | <b>3,418,578</b> | <b>39,965</b>     | <b>5,845,434</b> | <b>68,882</b>                     | <b>2,631,804</b> | <b>3,577,747</b>  |
| シリコンダイオード<br>Silicon diodes   | 千個<br>(10 <sup>3</sup> n)       | 456,501          | 1,370                             | 481,423          | -                 | 705,318          | 1,813                             | 218,451          | 993,215           |
| 整流素子(100mA以上)<br>Rectifiers devices (greater than or equal to 100mA)  | 千個<br>(10 <sup>3</sup> n)       | 398,381          | 3,901                             | 129,148          | 2,321             | 279,143          | 3,615                             | 247,403          | 321,371           |
| <b>トランジスタ</b><br>Transistors  | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>670,353</b>   | <b>16,360</b>                     | <b>899,173</b>   | <b>121</b>        | <b>956,905</b>   | <b>23,111</b>                     | <b>609,322</b>   | <b>820,300</b>    |
| シリコントランジスタ<br>Silicon transistors   | 千個<br>(10 <sup>3</sup> n)       | 316,174          | 2,478                             | 455,936          | 121               | 463,956          | 3,728                             | 305,606          | 424,877           |
| 1W未満<br>Less than 1W  | 千個<br>(10 <sup>3</sup> n)       | 225,630          | 672                               | 367,154          | -                 | 349,613          | 1,514                             | 241,538          | 321,496           |
| 1W以上<br>Greater than or equal to 1W   | 千個<br>(10 <sup>3</sup> n)       | 90,544           | 1,806                             | 88,782           | 121               | 114,343          | 2,214                             | 64,068           | 103,381           |
| 電界効果型トランジスタ<br>Field effect transistors   | 千個<br>(10 <sup>3</sup> n)       | 345,047          | 5,290                             | 433,274          | -                 | 478,823          | 10,572                            | 298,153          | 390,533           |
| IGBT<br>IGBT (Insulated gate bipolar transistors)   | 千個<br>(10 <sup>3</sup> n)       | 9,132            | 8,592                             | 9,963            | -                 | 14,126           | 8,811                             | 5,563            | 4,890             |
| サーミスタ<br>Thermistors  | 千個<br>(10 <sup>3</sup> n)       | 438,928          | 3,811                             | 246,602          | 4,728             | 492,216          | 4,911                             | 238,576          | 394,465           |
| バリスタ<br>Varistors   | 千個<br>(10 <sup>3</sup> n)       | 360,752          | 645                               | 379,302          | -                 | 341,233          | 806                               | 298,424          | 582,477           |
| サイリスタ<br>Thyristors   | 千個<br>(10 <sup>3</sup> n)       | 2,676            | 240                               | 50,170           | 136               | 47,921           | 739                               | 131              | 30,397            |
| <b>光電変換素子</b><br>Opto electronic devices  | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>2,525,501</b> | <b>35,052</b>                     | <b>1,181,932</b> | <b>26,766</b>     | <b>2,713,828</b> | <b>31,698</b>                     | <b>966,378</b>   | <b>247,825</b>    |
| 発光ダイオード<br>Light emitting diodes  | 千個<br>(10 <sup>3</sup> n)       | 2,293,498        | 18,378                            | 979,436          | 4,435             | 2,434,070        | 17,255                            | 831,626          | 112,100           |
| レーザダイオード<br>Laser diodes  | 千個<br>(10 <sup>3</sup> n)       | 10,767           | 2,270                             | 9,255            | -                 | 7,414            | 3,168                             | 12,151           | 4,152             |
| カプラ・インタラプタ<br>Photo couplers and photo interrupters   | 千個<br>(10 <sup>3</sup> n)       | 173,853          | 3,644                             | 175,158          | -                 | 240,770          | 4,502                             | 111,367          | 103,870           |
| 太陽電池セル<br>Photovoltaic cells  | 千個<br>(10 <sup>3</sup> n)       | 20,551           | 4,618                             | 13,061           | 22,331            | -                | -                                 | 10,095           | 12,131            |
| その他の光電変換素子<br>Other opto electronic devices   | 千個<br>(10 <sup>3</sup> n)       | 26,832           | 6,142                             | 5,022            | -                 | 31,574           | 6,773                             | 1,139            | 15,572            |
| その他の半導体素子<br>Other semiconductor devices  | 千個<br>(10 <sup>3</sup> n)       | 314,739          | 3,491                             | 50,828           | 5,893             | 308,870          | 2,189                             | 53,119           | 187,697           |
| <b>集積回路</b><br>Integrated circuits  | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>2,474,542</b> | <b>190,303</b>                    | <b>1,773,642</b> | <b>65,152</b>     | <b>2,426,702</b> | <b>217,134</b>                    | <b>1,725,039</b> | <b>2,366,502</b>  |
| <b>半導体集積回路</b><br>Monolithic integrated circuits  | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>2,337,759</b> | <b>153,850</b>                    | <b>1,773,623</b> | <b>28,563</b>     | <b>2,328,444</b> | <b>199,818</b>                    | <b>1,721,547</b> | <b>2,324,110</b>  |
| <b>線形回路</b><br>Linear ICs   | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>1,202,705</b> | <b>15,312</b>                     | <b>964,302</b>   | <b>20,182</b>     | <b>1,140,024</b> | <b>20,926</b>                     | <b>1,024,224</b> | <b>1,546,258</b>  |
| 標準線形回路<br>Standard linear ICs   | 千個<br>(10 <sup>3</sup> n)       | 627,661          | 4,369                             | 422,735          | 48                | 622,134          | 8,159                             | 473,875          | 744,231           |
| 非標準線形回路<br>Non standard linear ICs  | 千個<br>(10 <sup>3</sup> n)       | 575,044          | 10,943                            | 541,567          | 20,134            | 517,890          | 12,767                            | 550,349          | 802,027           |
| 産業用機器向<br>For industrial products   | 千個<br>(10 <sup>3</sup> n)       | 100,338          | 6,663                             | 195,227          | 20,124            | 227,610          | 9,592                             | 55,817           | 123,199           |
| 民生用機器向<br>For consumer products   | 千個<br>(10 <sup>3</sup> n)       | 474,706          | 4,280                             | 346,340          | 10                | 290,280          | 3,175                             | 494,532          | 678,828           |

## (9) 電子管、半導体素子及び集積回路(続き)

## Electronic tubes, semiconductor devices and integrated circuits (electronic active devices)(continued)

| 品目<br>Commodity  | 単位<br>Unit                     | 生産<br>Production |                                   | 受入<br>Receipts | 消費<br>Consumption | 出荷<br>Shipments  |                                   |                | 月末在庫<br>Inventory |
|--|--------------------------------|------------------|-----------------------------------|----------------|-------------------|------------------|-----------------------------------|----------------|-------------------|
|  |                                | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                |                   | 販売<br>Sales      |                                   | その他<br>Others  |                   |
|  |                                |                  |                                   |                |                   | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                |                   |
| <b>電子管、半導体素子及び集積回路(続き)</b><br>Electronic tubes, semiconductor devices<br>and integrated circuits<br>(electronic active devices)(continued) |                                |                  |                                   |                |                   |                  |                                   |                |                   |
| <b>計数回路</b><br>Digital ICs   | 千個<br>(10 <sup>3</sup> n)      | <b>1,135,054</b> | <b>138,538</b>                    | <b>809,321</b> | <b>8,381</b>      | <b>1,188,420</b> | <b>178,892</b>                    | <b>697,323</b> | <b>777,852</b>    |
| バイポーラ型<br>Bipolar ICs  | 千個<br>(10 <sup>3</sup> n)      | 52,268           | 841                               | 2,072          | -                 | 51,808           | 779                               | 1,925          | 23,777            |
| <b>モス型</b><br>Metal oxide semiconductor ICs  | 千個<br>(10 <sup>3</sup> n)      | <b>1,082,786</b> | <b>137,697</b>                    | <b>807,249</b> | <b>8,381</b>      | <b>1,136,612</b> | <b>178,113</b>                    | <b>695,398</b> | <b>754,075</b>    |
| <b>マイクロコンピュータ</b><br>Micro computers   | 千個<br>(10 <sup>3</sup> n)      | <b>139,148</b>   | <b>13,160</b>                     | <b>267,998</b> | <b>7,329</b>      | <b>258,857</b>   | <b>34,960</b>                     | <b>122,118</b> | <b>137,529</b>    |
| MPU<br>Micro processing units  | 千個<br>(10 <sup>3</sup> n)      | 14,410           | 3,008                             | 145            | 7,329             | 6,569            | 344                               | 696            | 248               |
| MCU<br>Micro controller units  | 千個<br>(10 <sup>3</sup> n)      | 124,738          | 10,152                            | 267,853        | -                 | 252,288          | 34,616                            | 121,422        | 137,281           |
| <b>ロジック</b><br>Logic ICs   | 千個<br>(10 <sup>3</sup> n)      | <b>579,900</b>   | <b>11,917</b>                     | <b>219,742</b> | <b>-</b>          | <b>504,565</b>   | <b>17,003</b>                     | <b>254,677</b> | <b>511,403</b>    |
| 標準ロジック<br>Standard logic ICs   | 千個<br>(10 <sup>3</sup> n)      | 408,980          | 1,761                             | 161,465        | -                 | 349,541          | 3,532                             | 181,430        | 426,394           |
| セミカスタム<br>Semicustom ICs   | 千個<br>(10 <sup>3</sup> n)      | 38,359           | 5,794                             | 16,175         | -                 | 19,778           | 4,708                             | 33,766         | 13,284            |
| ディスプレイドライバ<br>Display driver ICs   | 千個<br>(10 <sup>3</sup> n)      | 2,754            | 148                               | 1,058          | -                 | 1,100            | 117                               | 2,650          | 8,310             |
| その他ロジック<br>Other logic ICs   | 千個<br>(10 <sup>3</sup> n)      | 129,807          | 4,214                             | 41,044         | -                 | 134,146          | 8,646                             | 36,831         | 63,415            |
| <b>メモリ</b><br>Memory ICs   | 千個<br>(10 <sup>3</sup> n)      | <b>144,031</b>   | <b>67,916</b>                     | <b>120,658</b> | <b>25</b>         | <b>148,964</b>   | <b>66,520</b>                     | <b>119,778</b> | <b>87,673</b>     |
| DRAM<br>Dynamic random access memory ICs   | 千個<br>(10 <sup>3</sup> n)      | 5,034            | 887                               | 143            | -                 | 5,123            | 1,097                             | 81             | 404               |
| SRAM<br>Static random access memory ICs  | 千個<br>(10 <sup>3</sup> n)      | x                | x                                 | x              | x                 | x                | x                                 | x              | x                 |
| フラッシュメモリ<br>Flash memory ICs   | 千個<br>(10 <sup>3</sup> n)      | x                | x                                 | x              | x                 | x                | x                                 | x              | x                 |
| その他メモリ<br>Other memory ICs   | 千個<br>(10 <sup>3</sup> n)      | x                | x                                 | x              | x                 | x                | x                                 | x              | x                 |
| <b>その他のモス型</b><br>Miscellaneous MOS ICs  | 千個<br>(10 <sup>3</sup> n)      | <b>219,707</b>   | <b>44,704</b>                     | <b>198,851</b> | <b>1,027</b>      | <b>224,226</b>   | <b>59,630</b>                     | <b>198,825</b> | <b>17,470</b>     |
| CCD<br>Charge coupled devices  | 千個<br>(10 <sup>3</sup> n)      | 197,868          | 38,377                            | 198,849        | -                 | 204,248          | 53,431                            | 198,425        | 10,423            |
| その他モス型<br>Other MOS ICs (except CCDs)  | 千個<br>(10 <sup>3</sup> n)      | 21,839           | 6,327                             | 2              | 1,027             | 19,978           | 6,199                             | 400            | 7,047             |
| 混成集積回路<br>Hybrid ICs   | 千個<br>(10 <sup>3</sup> n)      | 136,783          | 36,453                            | 19             | 36,589            | 98,258           | 17,316                            | 3,492          | 42,392            |
| <b>液晶素子</b><br>Liquid crystal devices  | 千個<br>(10 <sup>3</sup> n)      | <b>32,035</b>    | <b>131,347</b>                    | <b>4,236</b>   | <b>962</b>        | <b>31,206</b>    | <b>111,205</b>                    | <b>2,638</b>   | <b>10,336</b>     |
| <b>アクティブ型</b><br>Active matrix LCDs  | 千個<br>(10 <sup>3</sup> n)      | <b>30,557</b>    | <b>130,979</b>                    | <b>1,868</b>   | <b>-</b>          | <b>28,347</b>    | <b>110,604</b>                    | <b>2,596</b>   | <b>9,307</b>      |
| 4.5型未満<br>Less than 4.5inch  | 千個<br>(10 <sup>3</sup> n)      | 7,601            | 13,225                            | 1,057          | -                 | 7,444            | 12,015                            | 614            | 3,890             |
| 4.5型以上7.7型未満<br>Greater than or equal to 4.5inch less than 7.7inch   | 千個<br>(10 <sup>3</sup> n)      | 18,377           | 77,834                            | 444            | -                 | 16,873           | 71,694                            | 902            | 4,667             |
| 7.7型以上<br>Greater than 7.7inch   | 千個<br>(10 <sup>3</sup> n)      | 4,579            | 39,920                            | 367            | -                 | 4,030            | 26,895                            | 1,080          | 750               |
| <b>パッシブ型</b><br>Passive matrix LCDs  | 千個<br>(10 <sup>3</sup> n)      | <b>1,478</b>     | <b>368</b>                        | <b>2,368</b>   | <b>962</b>        | <b>2,859</b>     | <b>601</b>                        | <b>42</b>      | <b>1,029</b>      |
| 液晶モジュール<br>Liquid crystal modules  | 千個<br>(10 <sup>3</sup> n)      | x                | x                                 | x              | x                 | x                | x                                 | x              | x                 |
| 液晶パネル<br>Liquid crystal panels   | 千個<br>(10 <sup>3</sup> n)      | x                | x                                 | x              | x                 | x                | x                                 | x              | x                 |
| 太陽電池モジュール<br>Photovoltaic modules  | 容量<br>(kW)<br>Capacity<br>(kW) | 110,315          | 11,922                            | 89,270         | -                 | 131,702          | 14,093                            | 838            | 639,271           |

## (10) 電子計算機及び情報端末

## Electronic computers and information terminals

(単位:台) (Unit: n)

| 品目<br>Commodity  | 生産<br>Production |                                   | 品目<br>Commodity  | 生産<br>Production |                                   |
|--|------------------|-----------------------------------|--|------------------|-----------------------------------|
|  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |
| <b>電子計算機及び情報端末</b><br>Electronic computers and information terminals             |                  | <b>70,972</b>                     | <b>プリンタ</b><br>Printers  | <b>146,561</b>   | <b>3,987</b>                      |
| <b>電子計算機本体</b><br>Digital computers  |                  | <b>44,583</b>                     | インクジェットプリンタ<br>Inkjet printers   | x                | x                                 |
| はん(汎)用コンピュータ<br>(メインフレーム)<br>General purpose computers (mainframe)               | 19               | 1,345                             | レーザプリンタ<br>Laser printers  | 10,710           | 1,374                             |
| ミッドレンジコンピュータ<br>Midrange computers   | 8,824            | 4,165                             | その他のプリンタ<br>Other printers   | x                | x                                 |
| <b>パーソナルコンピュータ ※</b><br>Personal computers                                       | <b>323,107</b>   | <b>39,073</b>                     | <b>モニター</b><br>Monitors  | <b>118,985</b>   | <b>5,472</b>                      |
| サーバ用<br>Server use   | 6,961            | 4,359                             | 31型未満<br>Less than 31inch  | 117,740          | 5,193                             |
| デスクトップ型<br>(タワー型及び一体型を含む)<br>Desktop style (including tower type and unity type) | 116,483          | 12,038                            | 31型以上<br>Greater than or equal to 31inch                                 | 1,245            | 279                               |
| ノートブック型(タブレット型を含む)<br>Notebook style (including tablet type)                     | 199,663          | 22,676                            | プロジェクタ<br>Projector  | 4,544            | 2,380                             |
| <b>情報端末</b><br>Information terminals   |                  | <b>26,389</b>                     | <b>金融用端末装置</b><br>Banking terminals                                      | <b>4,373</b>     | <b>3,257</b>                      |
| <b>外部記憶装置(内蔵型を含む)</b><br>External storages (including built-in type)             |                  | <b>8,467</b>                      | 現金自動預払機(支払機を含む)<br>Automatic teller machines (including cash dispensers) | 757              | 1,411                             |
| ディスクアレイ装置<br>Disk drive array  | 1,341            | 7,994                             | その他の金融用端末装置<br>Other banking terminals                                   | 3,616            | 1,846                             |
| その他の外部記憶装置<br>Other external storages  | 7,298            | 473                               | 情報キオスク端末装置<br>Kiosk terminals  | 208              | 84                                |
|  |                  |                                   | 携帯型専用端末装置<br>Handy terminals   | 7,413            | 412                               |
|  |                  |                                   | その他の情報端末<br>Other information terminals                                  | 64,750           | 2,330                             |

## ※ パーソナルコンピュータ

## Personal computers

(単位:台) (Unit: n)

| 品目<br>Commodity  | 生産<br>Production |                                   | 受入<br>Receipts | 出荷<br>Shipments |               | 月末在庫<br>Inventory |
|--|------------------|-----------------------------------|----------------|-----------------|---------------|-------------------|
|  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売<br>Sales     | その他<br>Others |                   |
|  |                  |                                   |                | 数量<br>Quantity  |               |                   |
| <b>パーソナルコンピュータ</b><br>Personal computers   | <b>323,107</b>   | <b>39,073</b>                     | <b>71,814</b>  | <b>401,657</b>  | <b>715</b>    | <b>26,576</b>     |
| サーバ用<br>Server use   | 6,961            | 4,359                             | -              | 6,593           | 268           | 651               |
| デスクトップ型<br>(タワー型及び一体型を含む)<br>Desktop style (including tower type and unity type) | 116,483          | 12,038                            | 8,205          | 123,989         | 235           | 3,726             |
| ノートブック型(タブレット型を含む)<br>Notebook style (including tablet type)                     | 199,663          | 22,676                            | 63,609         | 271,075         | 212           | 22,199            |

## (11) 電気計測器及び電子応用装置

## Electric measuring instrument and associated electronic equipment

| 品目<br>Commodity   | 単位<br>Unit | 生産<br>Production |                                   | 受入<br>Receipts | 出荷<br>Shipments  |                                   |               | 月末在庫<br>Inventory |
|---|------------|------------------|-----------------------------------|----------------|------------------|-----------------------------------|---------------|-------------------|
|   |            | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売<br>Sales      |                                   | その他<br>Others |                   |
|   |            |                  |                                   |                | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>電気計測器及び電子応用装置 ☆</b><br>Electric measuring instrument and associated electronic equipment |            |                  | <b>83,926</b>                     |                |                  |                                   |               |                   |
| <b>電気計測器</b><br>Electric measuring instruments  |            |                  | <b>28,270</b>                     |                |                  |                                   |               |                   |
| <b>電気計器</b><br>Electrical meters  | 個<br>(n)   | <b>1,336,983</b> | <b>9,244</b>                      | <b>725</b>     | <b>1,230,275</b> | <b>8,666</b>                      | <b>404</b>    | <b>677,560</b>    |
| 指示計器<br>Indicating instruments  | 個<br>(n)   | 70,769           | 347                               | 48             | 70,633           | 372                               | 388           | 15,981            |
| 電力量計<br>Watt-hour meters  | 個<br>(n)   | 1,266,214        | 8,897                             | 677            | 1,159,642        | 8,294                             | 16            | 661,579           |
| <b>電気測定器</b><br>Electric test and measuring equipment                                       |            |                  | <b>10,793</b>                     |                |                  |                                   |               |                   |
| 電圧・電流・電力測定器<br>Voltage current and power measuring  | 台<br>(n)   | 43,277           | 912                               | 22,444         | 63,988           | 921                               | 413           | 27,679            |
| 無線通信測定器<br>Audio communication measuring instruments  | 台<br>(n)   | 713              | 1,118                             | 188            | 667              | 1,221                             | 191           | 1,057             |
| <b>半導体・IC測定器</b><br>Semiconductor characteristic measuring                                  | 台<br>(n)   | <b>244</b>       | <b>5,439</b>                      |                |                  |                                   |               |                   |
| ロジックICテスト<br>Logic IC testers   | 台<br>(n)   | 25               | 1,600                             | ...            | ...              | ...                               | ...           | ...               |
| IC測定関連機器<br>IC testing peripheral equipment   | 台<br>(n)   | 79               | 621                               | ...            | ...              | ...                               | ...           | ...               |
| その他の半導体・IC測定器<br>Other semiconductor and IC measuring instrument                            | 台<br>(n)   | 140              | 3,218                             | ...            | ...              | ...                               | ...           | ...               |
| その他の電気測定器<br>Other test and measuring equipment   |            | ...              | 3,324                             | ...            | ...              | ...                               | ...           | ...               |
| <b>工業用計測制御機器</b><br>Industrial for measuring equipment instruments                          |            |                  | <b>8,233</b>                      |                |                  |                                   |               |                   |
| <b>発信器</b><br>Detector, transducer and transmitters   | 台<br>(n)   | <b>192,789</b>   | <b>3,944</b>                      | <b>22,929</b>  | <b>212,479</b>   | <b>4,074</b>                      | <b>863</b>    | <b>81,164</b>     |
| 温度計<br>Thermometers   | 台<br>(n)   | 104,409          | 1,091                             | 13,980         | 118,118          | 1,147                             | 57            | 7,467             |
| 圧力計<br>Pressure gauge   | 台<br>(n)   | 24,663           | 709                               | 760            | 24,453           | 720                               | -             | 17,342            |
| 流量計<br>Flow gauge   | 台<br>(n)   | 8,640            | 551                               | 287            | 8,708            | 598                               | 723           | 1,175             |
| 差圧計<br>Differential pressure transmitter  | 台<br>(n)   | 9,620            | 1,052                             | 77             | 9,697            | 1,060                             | -             | -                 |
| その他の発信器<br>Other detector transmitter   | 台<br>(n)   | 45,457           | 541                               | 7,825          | 51,503           | 549                               | 83            | 55,180            |



## (11) 電気計測器及び電子応用装置(続き)

## Electric measuring instrument and associated electronic equipment (continued)

| 品目<br>Commodity   | 単位<br>Unit       | 生産<br>Production |                                   | 受入<br>Receipts | 出荷 Shipments   |                                   |               | 月末在庫<br>Inventory |
|---|------------------|------------------|-----------------------------------|----------------|----------------|-----------------------------------|---------------|-------------------|
|   |                  | 数量<br>Quantity   | 金額(百万円)<br>Value<br>(million yen) |                | 販売 Sales       |                                   | その他<br>Others |                   |
|   |                  |                  |                                   |                | 数量<br>Quantity | 金額(百万円)<br>Value<br>(million yen) |               |                   |
| <b>電気計測器及び電子応用装置(続き)</b><br>Electric measuring instrument and associated electronic equipment (continued) |                  |                  |                                   |                |                |                                   |               |                   |
| 受信計<br>Receiving instruments  | 台<br>(n)         | 67,161           | 1,301                             | 2,354          | 63,542         | 1,293                             | 5,123         | 6,691             |
| プロセス用分析計<br>Analyzer for processing   | 台<br>(n)         | 1,681            | 756                               | 1              | 1,682          | 780                               | -             | 16                |
| <b>プロセス監視制御システム</b><br>Monitoring and control systems for processing                                      | <b>台<br/>(n)</b> | <b>549</b>       | <b>752</b>                        | <b>90</b>      | <b>645</b>     | <b>787</b>                        | <b>-</b>      | <b>412</b>        |
| デジタル計装制御システム<br>Distributed control systems   | 台<br>(n)         | 137              | 245                               | 8              | 145            | 248                               | -             | -                 |
| その他のプロセス監視制御システム<br>Other monitoring and control system<br>for processing                                 | 台<br>(n)         | 412              | 507                               | 82             | 500            | 539                               | -             | 412               |
| その他のプロセスオートメーション用計測制御機器<br>Other industrial measuring equipment<br>instrument for process automation      |                  | ...              | 1,480                             | ...            | ...            | ...                               | ...           | ...               |
| ガス警報器<br>Gas alarm  | 個<br>(n)         | 456,064          | 1,743                             | 5,540          | 499,043        | 2,156                             | -             | 342,927           |
| <b>電子応用装置</b><br>Associated electronic equipment  |                  |                  | <b>53,913</b>                     |                |                |                                   |               |                   |
| <b>X線装置</b><br>X-ray equipment  | <b>台<br/>(n)</b> | <b>2,055</b>     | <b>10,796</b>                     |                |                |                                   |               |                   |
| <b>医用</b><br>Medical X-ray systems  | <b>台<br/>(n)</b> | <b>1,515</b>     | <b>8,821</b>                      |                |                |                                   |               |                   |
| 医科・歯科用<br>Medical use dental use  | 台<br>(n)         | 1,249            | 3,766                             | ...            | ...            | ...                               | ...           | ...               |
| CT装置<br>Equipments computed tomograph   | 台<br>(n)         | 266              | 5,055                             | ...            | ...            | ...                               | ...           | ...               |
| その他のX線装置<br>Other X-ray equipment   | 台<br>(n)         | 540              | 1,975                             | ...            | ...            | ...                               | ...           | ...               |
| 放射性物質応用機器<br>Radio isotope equipment  | 台<br>(n)         | 15               | 955                               | ...            | ...            | ...                               | ...           | ...               |
| 放射線測定器<br>Radiation instruments   | 台<br>(n)         | 6,261            | 95                                | ...            | ...            | ...                               | ...           | ...               |
| <b>超音波応用装置</b><br>Ultrasonic instruments  | <b>台<br/>(n)</b> | <b>14,272</b>    | <b>6,114</b>                      |                |                |                                   |               |                   |
| 洗浄機<br>Washers  | 台<br>(n)         | 717              | 248                               | ...            | ...            | ...                               | ...           | ...               |
| 医療機器<br>Medical equipment   | 台<br>(n)         | 1,383            | 3,030                             | ...            | ...            | ...                               | ...           | ...               |
| 溶接機<br>Welders  | 台<br>(n)         | 376              | 1,169                             | ...            | ...            | ...                               | ...           | ...               |
| その他の超音波応用装置<br>Other ultrasonic instruments   | 台<br>(n)         | 11,796           | 1,667                             | ...            | ...            | ...                               | ...           | ...               |
| <b>その他の電子応用装置</b><br>Miscellaneous associated electronic equipment  | <b>台<br/>(n)</b> | <b>871,079</b>   | <b>35,953</b>                     |                |                |                                   |               |                   |
| 電子顕微鏡<br>Electron microscopes   | 台<br>(n)         | 95               | 1,951                             | ...            | ...            | ...                               | ...           | ...               |
| 産業用テレビジョン装置<br>Industrial use television equipment  | 台<br>(n)         | 430,221          | 2,359                             | ...            | ...            | ...                               | ...           | ...               |
| 医用測定器<br>Medical use measuring instruments  | 台<br>(n)         | 376,814          | 6,382                             | ...            | ...            | ...                               | ...           | ...               |
| その他<br>Others associated electronic equipment   | 台<br>(n)         | 63,949           | 25,261                            | ...            | ...            | ...                               | ...           | ...               |