

## (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 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>通信機械器具及び無線応用装置</b><br>Communication and related equipment                              |            |                  | <b>58,357</b>                     |                |                |                                   |               |                   |
| 電話機<br>Telephone sets   | 台<br>(n)   | 21,615           | 180                               | 9,460          | 27,308         | 225                               | 147           | 51,965            |
| <b>電話応用装置</b><br>Applied telephone equipment  |            |                  | <b>3,382</b>                      |                |                | <b>5,560</b>                      |               |                   |
| ボタン電話装置<br>Key system telephone equipment   | ”          | 50,450           | 1,496                             | 47,133         | 78,374         | 2,065                             | -             | 72,637            |
| インターホン<br>Interphone  | 式<br>(n)   | 125,472          | 1,886                             | 149,253        | 314,485        | 3,495                             | 45            | 471,644           |
| ファクシミリ<br>Facsimile machines  | 台<br>(n)   | 1,987            | 130                               | 6              | 2,018          | 132                               | 4             | 1,444             |
| <b>交換機</b><br>Switching system  |            |                  | <b>3,182</b>                      |                |                |                                   |               |                   |
| <b>電子交換機</b><br>Electronic switching system   |            |                  | <b>2,718</b>                      |                |                |                                   |               |                   |
| 局用<br>Central office switching system   |            | …                | 1,736                             | …              | …              | …                                 | …             | …                 |
| 構内用<br>Private branch exchange  |            | …                | 982                               | …              | …              | …                                 | …             | …                 |
| その他の交換機・付属装置<br>Other switching equipment and auxiliaries                                 |            | …                | 464                               | …              | …              | …                                 | …             | …                 |
| <b>搬送装置</b><br>Carrier transmission equipment   |            |                  | <b>9,738</b>                      |                |                |                                   |               |                   |
| デジタル伝送装置<br>Digital transmission equipment  | 台<br>(n)   | 516              | 3,436                             | …              | …              | …                                 | …             | …                 |
| その他の搬送装置・付属装置<br>(変復調装置を含む)<br>Carrier transmission equipment n.e.c<br>(including modems) |            | …                | 6,302                             | …              | …              | …                                 | …             | …                 |

## (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 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>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>39,126</b>    |                                   |                |                  |                                   |               |                   |
| 放送装置<br>Broadcasting equipment  | 台<br>(n)   | 8,591            | 3,501                             | ...            | ...              | ...                               | ...           | ...               |
| <b>無線通信装置</b><br>Radio communication equipment  |            | <b>1,089,563</b> | <b>26,173</b>                     |                |                  |                                   |               |                   |
| 固定通信装置(衛星・地上系)<br>Fixed communication equipment<br>(satellite・ground based)                                 | "          | 30,796           | 3,349                             | ...            | ...              | ...                               | ...           | ...               |
| <b>移動通信装置</b><br>Radio communications equipment for mobile  |            | <b>1,017,603</b> | <b>22,538</b>                     |                |                  |                                   |               |                   |
| <b>移動局通信装置</b><br>Radio communications equipment for mobile station   |            | <b>1,013,717</b> | <b>18,292</b>                     |                |                  |                                   |               |                   |
| <b>陸上移動通信装置</b><br>Landing radio communication equipment  |            | <b>993,568</b>   | <b>17,450</b>                     | <b>245,414</b> | <b>1,187,155</b> | <b>29,651</b>                     | <b>1,084</b>  | <b>394,190</b>    |
| 携帯電話<br>Cellular telephone  | "          | 584,359          | 14,416                            | 241,049        | 781,226          | 26,568                            | 12            | 98,898            |
| 公衆用PHS端末<br>Public personal handyphone  | "          | 46,000           | 294                               | -              | 46,900           | 321                               | -             | -                 |
| その他の陸上移動通信装置<br>Other radio communication<br>equipment for mobile station                                   | "          | 363,209          | 2,740                             | 4,365          | 359,029          | 2,762                             | 1,072         | 295,292           |
| 海上・航空移動通信装置<br>Marine and aeronautical radio<br>communication equipment                                     | "          | 20,149           | 842                               | ...            | ...              | ...                               | ...           | ...               |
| 基地局通信装置<br>Basic exchange for mobile<br>customer premises   | "          | 3,886            | 4,246                             | ...            | ...              | ...                               | ...           | ...               |
| その他の無線通信装置<br>Other radio communication equipment   | "          | 41,164           | 286                               | ...            | ...              | ...                               | ...           | ...               |
| <b>無線応用装置</b><br>Associated radio equipment   |            | <b>9,452</b>     |                                   |                |                  |                                   |               |                   |
| レーダ装置<br>Radar equipment  | "          | 3,982            | 2,349                             | ...            | ...              | ...                               | ...           | ...               |
| 無線位置測定装置<br>Maker radio measuring equipment   | "          | 32,332           | 916                               | ...            | ...              | ...                               | ...           | ...               |
| テレメータ・テレコントロール<br>Telemeter/telecontrol   | "          | 46               | 193                               | ...            | ...              | ...                               | ...           | ...               |
| その他の無線応用装置<br>Other associated radio equipment  | "          | ...              | 5,994                             | ...            | ...              | ...                               | ...           | ...               |
| ネットワーク接続機器<br>Network access equipment  | "          | 228,943          | 2,619                             | ...            | ...              | ...                               | ...           | ...               |

## (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>50,109</b>                     |                |                 | <b>72,996</b>                     |                |                   |
| <b>薄型テレビ</b><br>Flat panel television                              | <b>47,053</b>    | <b>4,153</b>                      | <b>192,285</b> | <b>249,826</b>  | <b>13,665</b>                     | <b>1,595</b>   | <b>149,422</b>    |
| 40型以上<br>More than 40inch  | ×                | ×                                 | 67,447         | 107,250         | 9,750                             | 1,107          | 92,262            |
| 40型未満<br>Less than 40inch  | ×                | ×                                 | 124,838        | 142,576         | 3,915                             | 488            | 57,160            |
| ビデオカメラ(放送用を除く)<br>Video camera (except for broadcast)              | 6,387            | 419                               | 72,929         | 65,821          | 2,160                             | 3,855          | 71,135            |
| <b>デジタルカメラ</b><br>Digital still camera                             | <b>349,947</b>   | <b>14,260</b>                     | <b>571,201</b> | <b>433,275</b>  | <b>15,973</b>                     | <b>497,561</b> | <b>302,096</b>    |
| 一眼レフタイプ(レンズ交換式)<br>Single lens reflex type (lens exchange formula) | 237,214          | 12,105                            | 433,451        | 267,483         | 12,901                            | 400,488        | 173,580           |
| コンパクトタイプ<br>Compact type   | 112,733          | 2,155                             | 137,750        | 165,792         | 3,072                             | 97,073         | 128,516           |
| カーオーディオ<br>Car audio   | 137,604          | 3,734                             | 160,949        | 232,936         | 5,583                             | 58,177         | 233,526           |
| カーナビゲーションシステム<br>Car navigation system                             | 405,825          | 26,659                            | 243,508        | 517,245         | 34,175                            | 113,537        | 388,078           |
| 補聴器<br>Hearing aid   | 28,100           | 884                               | 23,111         | 32,817          | 1,440                             | 11,452         | 49,223            |

## (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                                       |                           |                  | 175,121                           | <b>電子回路基板</b><br>Electronic circuit boards                                      | 千m <sup>2</sup><br>(10 <sup>3</sup> m <sup>2</sup> ) | 985              | 38,409                            |
| <b>受動部品</b><br>Passive components   |                           |                  | 73,769                            | <b>リジッドプリント配線板</b><br>Rigid printed wiring boards                               | "  | 776              | 24,284                            |
| <b>抵抗器</b><br>Resistors   | 千個<br>(10 <sup>3</sup> n) | 10,498,182       | 7,331                             | 片面プリント配線板<br>Single-sided printed wiring boards                                 | "  | 132              | 644                               |
| 可変抵抗器<br>Potentiometers   | "                         | 113,582          | 2,127                             | 両面プリント配線板<br>Double-sided printed wiring boards                                 | "  | 333              | 5,361                             |
| 半固定抵抗器<br>Semi-fixed resistors  | "                         | 59,014           | 325                               | 多層プリント配線板(4層)<br>Multi layer printed wiring boards(4layers)                     | "  | 162              | 4,179                             |
| 炭素系可変抵抗器(半固定を除く)<br>Carbon composition potentiometers<br>(except pre-set resistors) | "                         | 51,839           | 1,417                             | 多層プリント配線板(6~8層)<br>Multi layer printed wiring boards(6~8layers)                 | "  | 70               | 4,746                             |
| その他の可変抵抗器<br>Miscellaneous potentiometers   | "                         | 2,729            | 385                               | 多層プリント配線板(10層以上)<br>Multi layer printed wiring boards(more than 10layers)       | "  | 10               | 1,681                             |
| <b>固定抵抗器</b><br>Fixed resistors   | "                         | 10,384,600       | 5,204                             | ビルドアップ多層配線板<br>Build-up multi layer printed wiring boards                       | "  | 69               | 7,673                             |
| ネットワーク抵抗器<br>Networks resistors   | "                         | 815,678          | 684                               | <b>フレキシブルプリント配線板</b><br>Flexible printed wiring boards                          | "  | 155              | 4,946                             |
| チップ抵抗器<br>Chip resistors  | "                         | 8,907,623        | 2,868                             | 片面フレキシブル配線板<br>Single-sided flexible printed wiring boards                      | "  | 22               | 757                               |
| その他の固定抵抗器<br>Miscellaneous fixed resistors  | "                         | 661,299          | 1,652                             | 両面・多層フレキシブル配線板<br>Double-sided or Multilayer<br>flexible printed wiring boards  | "  | 133              | 4,189                             |
| <b>固定コンデンサ</b><br>Fixed capacitors  | "                         | 64,290,031       | 41,844                            | <b>モジュール基板</b><br>Module boards   | "  | 54               | 9,179                             |
| アルミ電解コンデンサ<br>Aluminum electrolytic capacitors                                      | "                         | 803,173          | 9,825                             | リジッド系モジュール基板<br>Rigid-system module boards                                      | "  | 35               | 8,806                             |
| タンタル電解コンデンサ<br>Tantalum electrolytic capacitors                                     | "                         | 128,485          | 1,420                             | その他のモジュール基板<br>Other module boards  | "  | 19               | 373                               |
| セラミックコンデンサ<br>Ceramic capacitors  | "                         | 63,307,147       | 28,591                            | <b>電子回路実装基板</b><br>Electronic circuit jisso boards                              | 千個<br>(10 <sup>3</sup> n)                            | 485,399          | 10,207                            |
| 金属化有機フィルムコンデンサ<br>Metallized plastic film capacitors                                | "                         | 25,439           | 855                               | プリント配線実装基板<br>Printed wiring jisso boards                                       | "  | 451,144          | 8,611                             |
| その他の固定コンデンサ<br>Miscellaneous fixed capacitors                                       | "                         | 25,787           | 1,153                             | モジュール実装基板<br>Module jisso boards  | "  | 34,255           | 1,596                             |
| トランス<br>Transformers  | "                         | 409              | 480                               | <b>変換部品</b><br>Transducers  |  |                  | 1,012                             |
| インダクタ(コイルを含む)<br>Inductors (including coils)  | "                         | 8,064,486        | 4,218                             | 音響部品(スピーカ・マイクロホン)<br>Electroacoustics transducers<br>(Loudspeakers・microphones) | "  | 8,877            | ×                                 |
| <b>機能部品</b><br>Functional components  |                           |                  | 19,896                            | 磁気ヘッド<br>Magnetic heads   | "  | ×                | ×                                 |
| 水晶振動子<br>Quartz crystal units   | "                         | 226,696          | 3,166                             | <b>メモリ部品</b><br>Memorizing components   |  |                  | 5,155                             |
| フィルタ<br>Filters   | "                         | 1,286,641        | 10,856                            | <b>磁気テープ</b><br>Magnetic tapes  | 千m <sup>2</sup><br>(10 <sup>3</sup> m <sup>2</sup> ) | 21,880           | 3,981                             |
| 複合部品<br>Multiple components   | "                         | 483,496          | 5,874                             | 磁気録音・録画テープ<br>Magnetic sound・video recording tapes                              | "  | 9,416            | 889                               |
| <b>接続部品</b><br>Connecting components  |                           |                  | 39,442                            | その他の磁気テープ<br>Other magnetic tapes   | "  | 12,464           | 3,092                             |
| スイッチ(通信・電子装置用に限る)<br>Switches (only for communication and<br>electronic equipments) | "                         | 818,031          | 6,296                             | 光ディスク<br>Optical disks  | 千枚<br>(10 <sup>3</sup> n)                            | 27,834           | 1,174                             |
| <b>コネクタ</b><br>Connectors   | "                         | 2,575,299        | 31,035                            | スイッチング電源<br>Switching power supply units  | 千台<br>(10 <sup>3</sup> n)                            | 2,947            | 7,127                             |
| 同軸コネクタ<br>Coaxial connectors  | "                         | 269,581          | 2,855                             |   |  |                  |                                   |
| プリント基板用コネクタ<br>Printed wiring board connectors                                      | "                         | 1,454,453        | 20,471                            |   |  |                  |                                   |
| 丸形コネクタ<br>Circular connectors   | "                         | 25,054           | 1,822                             |   |  |                  |                                   |
| 角形コネクタ<br>Square connectors   | "                         | 60,098           | 1,588                             |   |  |                  |                                   |
| その他のコネクタ<br>Miscellaneous connectors  | "                         | 766,113          | 4,299                             |   |  |                  |                                   |
| リレー(有線通信機器用に限る)<br>Relays(only for<br>communication・electronic equipments)          | "                         | 44,888           | 2,111                             |   |  |                  |                                   |

## (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<br>and integrated circuits<br>(electronic active devices) |                           |                  | <b>449,208</b>                    |                  |                   |                  |                                   |                  |                   |
| <b>電子管</b><br>Electronic tubes  |                           |                  | <b>3,560</b>                      |                  |                   |                  |                                   |                  |                   |
| マイクロ波管<br>Microwave tubes   | 本<br>(n)                  | 6,030            | 430                               | ...              | ...               | ...              | ...                               | ...              | ...               |
| 表示管<br>Indicator tubes  | "                         | x                | x                                 | ...              | ...               | ...              | ...                               | ...              | ...               |
| X線管<br>X-ray tubes  | "                         | 10,159           | 703                               | ...              | ...               | ...              | ...                               | ...              | ...               |
| その他の電子管<br>Miscellaneous electronic tubes   | "                         | 62,060           | x                                 | ...              | ...               | ...              | ...                               | ...              | ...               |
| <b>半導体素子</b><br>Semiconductor devices   | 千個<br>(10 <sup>3</sup> n) | <b>5,074,443</b> | <b>70,085</b>                     | <b>2,998,211</b> | <b>54,052</b>     | <b>5,368,302</b> | <b>58,931</b>                     | <b>2,549,157</b> | <b>4,773,301</b>  |
| シリコンダイオード<br>Silicon diodes   | "                         | 383,860          | 1,346                             | 510,407          | 462               | 556,265          | 1,643                             | 294,025          | 1,488,817         |
| 整流素子(100mA以上)<br>Rectifiers devices (more than 100mA)   | "                         | 337,791          | 3,483                             | 125,464          | 942               | 280,566          | 3,417                             | 221,513          | 477,539           |
| <b>トランジスタ</b><br>Transistors  | "                         | <b>587,243</b>   | <b>16,567</b>                     | <b>871,612</b>   | <b>572</b>        | <b>909,249</b>   | <b>19,617</b>                     | <b>555,789</b>   | <b>1,091,690</b>  |
| シリコントランジスタ<br>Silicon transistors   | "                         | <b>284,881</b>   | <b>2,184</b>                      | <b>450,346</b>   | <b>554</b>        | <b>466,892</b>   | <b>3,164</b>                      | <b>293,099</b>   | <b>423,808</b>    |
| 1W未満<br>Less than 1W  | "                         | 215,388          | 766                               | 363,784          | 529               | 370,955          | 1,442                             | 234,773          | 312,267           |
| 1W以上<br>More than 1W  | "                         | 69,493           | 1,418                             | 86,562           | 25                | 95,937           | 1,722                             | 58,326           | 111,541           |
| 電界効果型トランジスタ<br>Field effect transistors   | "                         | 295,272          | 4,305                             | 412,621          | 18                | 429,478          | 8,146                             | 258,743          | 653,975           |
| IGBT<br>IGBT(Insulated gate bipolar transistors)  | "                         | 7,090            | 10,078                            | 8,645            | -                 | 12,879           | 8,307                             | 3,947            | 13,907            |
| サーミスタ<br>Thermistors  | "                         | 384,542          | 3,069                             | 245,205          | 4,112             | 335,569          | 3,833                             | 238,859          | 514,156           |
| バリスタ<br>Varistors   | "                         | 557,275          | 625                               | 575,074          | 14                | 602,599          | 893                               | 506,417          | 491,491           |
| サイリスタ<br>Thyristors   | "                         | 1,714            | 179                               | 58,461           | 54                | 55,325           | 667                               | 375              | 41,228            |
| <b>光電変換素子</b><br>Opto electronic devices  | "                         | <b>2,629,857</b> | <b>41,637</b>                     | <b>607,057</b>   | <b>39,997</b>     | <b>2,441,685</b> | <b>27,221</b>                     | <b>724,996</b>   | <b>517,854</b>    |
| 発光ダイオード<br>Light emitting diodes  | "                         | 2,376,129        | 14,981                            | 394,924          | 959               | 2,181,412        | 15,683                            | 582,287          | 241,513           |
| レーザダイオード<br>Laser diodes  | "                         | 11,274           | 2,268                             | 10,477           | -                 | 11,685           | 2,689                             | 11,593           | 7,227             |
| カプラ・インタラプタ<br>Photo couplers and photo interrupters   | "                         | 179,106          | 2,860                             | 157,711          | -                 | 214,915          | 3,089                             | 98,500           | 214,758           |
| 太陽電池セル<br>Solar battery cells   | "                         | 36,366           | 16,899                            | 39,683           | 39,038            | 3,218            | 852                               | 31,022           | 25,341            |
| その他の光電変換素子<br>Miscellaneous opto electronic devices   | "                         | 26,982           | 4,629                             | 4,262            | -                 | 30,455           | 4,908                             | 1,594            | 29,015            |
| その他の半導体素子<br>Miscellaneous semiconductor devices  | "                         | 192,161          | 3,179                             | 4,931            | 7,899             | 187,044          | 1,640                             | 7,183            | 150,526           |
| <b>集積回路</b><br>Integrated circuits  | "                         | <b>2,796,393</b> | <b>179,631</b>                    | <b>1,755,151</b> | <b>39,735</b>     | <b>2,296,187</b> | <b>226,282</b>                    | <b>2,144,613</b> | <b>2,616,820</b>  |
| <b>半導体集積回路</b><br>Monolithic integrated circuits  | "                         | <b>2,697,121</b> | <b>149,928</b>                    | <b>1,754,464</b> | <b>22,704</b>     | <b>2,185,590</b> | <b>210,264</b>                    | <b>2,142,002</b> | <b>2,571,892</b>  |
| <b>線形回路</b><br>Linear ICs   | "                         | <b>1,651,919</b> | <b>13,971</b>                     | <b>951,535</b>   | <b>17,561</b>     | <b>1,059,798</b> | <b>21,752</b>                     | <b>1,485,132</b> | <b>1,708,379</b>  |
| 標準線形回路<br>Standard linear ICs   | "                         | 544,257          | 4,160                             | 359,248          | 808               | 494,945          | 7,878                             | 382,176          | 713,305           |
| <b>非標準線形回路</b><br>Non standard linear ICs   | "                         | <b>1,107,662</b> | <b>9,811</b>                      | <b>592,287</b>   | <b>16,753</b>     | <b>564,853</b>   | <b>13,874</b>                     | <b>1,102,956</b> | <b>995,074</b>    |
| 産業用機器向<br>For industrial products   | "                         | 88,721           | 5,587                             | 233,435          | 16,753            | 255,353          | 10,583                            | 43,908           | 118,354           |
| 民生用機器向<br>For consumer products   | "                         | 1,018,941        | 4,224                             | 358,852          | -                 | 309,500          | 3,291                             | 1,059,048        | 876,720           |

## (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>1,045,202</b> | <b>135,957</b>                    | <b>802,929</b> | <b>5,143</b>      | <b>1,125,792</b> | <b>188,512</b>                    | <b>656,870</b> | <b>863,513</b>    |
| バイポーラ型<br>Bipolar ICs  | "                              | 38,074           | 621                               | 2,514          | -                 | 39,894           | 747                               | 1,721          | 21,234            |
| <b>モス型</b><br>Metal oxide semiconductor ICs  | "                              | <b>1,007,128</b> | <b>135,336</b>                    | <b>800,415</b> | <b>5,143</b>      | <b>1,085,898</b> | <b>187,765</b>                    | <b>655,149</b> | <b>842,279</b>    |
| <b>マイクロコンピュータ</b><br>Micro computers   | "                              | <b>105,061</b>   | <b>11,613</b>                     | <b>245,303</b> | <b>5,049</b>      | <b>251,279</b>   | <b>33,399</b>                     | <b>80,777</b>  | <b>120,334</b>    |
| MPU<br>Micro processing units  | "                              | 15,366           | 2,397                             | 130            | 5,049             | 9,542            | 313                               | 932            | 717               |
| MCU<br>Micro controller units  | "                              | 89,695           | 9,216                             | 245,173        | -                 | 241,737          | 33,086                            | 79,845         | 119,617           |
| <b>ロジック</b><br>Logic ICs   | "                              | <b>516,708</b>   | <b>18,501</b>                     | <b>205,316</b> | <b>38</b>         | <b>437,999</b>   | <b>23,671</b>                     | <b>239,877</b> | <b>553,162</b>    |
| 標準ロジック<br>Standard logic ICs   | "                              | 271,209          | 4,411                             | 133,152        | -                 | 210,177          | 3,178                             | 151,804        | 429,451           |
| セミカスタム<br>Semicustom ICs   | "                              | 41,871           | 7,657                             | 22,295         | -                 | 26,855           | 8,962                             | 37,897         | 21,621            |
| ディスプレイドライバ<br>Display driver ICs   | "                              | 7,111            | 325                               | 3,061          | -                 | 4,180            | 467                               | 6,697          | 13,555            |
| その他ロジック<br>Miscellaneous logic ICs   | "                              | 196,517          | 6,108                             | 46,808         | 38                | 196,787          | 11,064                            | 43,479         | 88,535            |
| <b>メモリ</b><br>Memory ICs   | "                              | <b>186,411</b>   | <b>63,521</b>                     | <b>156,242</b> | <b>47</b>         | <b>184,024</b>   | <b>64,511</b>                     | <b>151,280</b> | <b>154,694</b>    |
| DRAM<br>Dynamic random access memory ICs   | "                              | 6,511            | 1,102                             | 255            | -                 | 6,719            | 1,479                             | 47             | 223               |
| SRAM<br>Static random access memory ICs  | "                              | ×                | ×                                 | ×              | ×                 | ×                | ×                                 | ×              | ×                 |
| フラッシュメモリ<br>Flash memory ICs   | "                              | ×                | ×                                 | ×              | ×                 | ×                | ×                                 | ×              | ×                 |
| その他メモリ<br>Miscellaneous memory ICs   | "                              | ×                | ×                                 | ×              | ×                 | ×                | ×                                 | ×              | ×                 |
| <b>その他のモス型</b><br>Miscellaneous MOS ICs  | "                              | <b>198,948</b>   | <b>41,701</b>                     | <b>193,554</b> | <b>9</b>          | <b>212,596</b>   | <b>66,184</b>                     | <b>183,215</b> | <b>14,089</b>     |
| CCD<br>Charge coupled devices  | "                              | 174,242          | 28,457                            | 193,434        | -                 | 187,597          | 52,637                            | 183,174        | 12,991            |
| その他モス型<br>Miscellaneous MOS ICs (excluding CCDs)   | "                              | 24,706           | 13,244                            | 120            | 9                 | 24,999           | 13,547                            | 41             | 1,098             |
| 混成集積回路<br>Hybrid ICs   | "                              | 99,272           | 29,703                            | 687            | 17,031            | 110,597          | 16,018                            | 2,611          | 44,928            |
| <b>液晶素子</b><br>Liquid crystal devices  | "                              | <b>42,400</b>    | <b>171,556</b>                    | <b>2,760</b>   | <b>676</b>        | <b>40,467</b>    | <b>155,972</b>                    | <b>3,600</b>   | <b>33,305</b>     |
| <b>アクティブ型</b><br>Active matrix LCDs  | "                              | <b>39,828</b>    | <b>169,462</b>                    | <b>1,270</b>   | <b>1</b>          | <b>38,275</b>    | <b>153,843</b>                    | <b>2,504</b>   | <b>32,576</b>     |
| 4.5型未満<br>Less than 4.5inch  | "                              | 9,455            | 19,881                            | 709            | -                 | 9,563            | 20,287                            | 720            | 7,563             |
| 4.5型以上7.7型未満<br>More than 4.5inch, less than 7.7inch   | "                              | 26,762           | 100,974                           | 186            | 1                 | 25,558           | 96,058                            | 876            | 23,145            |
| 7.7型以上<br>More than 7.7inch  | "                              | 3,611            | 48,607                            | 375            | -                 | 3,154            | 37,498                            | 908            | 1,868             |
| <b>パッシブ型</b><br>Passive matrix LCDs  | "                              | <b>2,572</b>     | <b>2,094</b>                      | <b>1,490</b>   | <b>675</b>        | <b>2,192</b>     | <b>2,129</b>                      | <b>1,096</b>   | <b>729</b>        |
| 液晶モジュール<br>Liquid crystal modules  | "                              | 397              | 994                               | 180            | 236               | 272              | 1,021                             | 9              | 276               |
| 液晶パネル<br>Liquid crystal panels   | "                              | 2,175            | 1,100                             | 1,310          | 439               | 1,920            | 1,108                             | 1,087          | 453               |
| 太陽電池モジュール<br>Photovoltaic modules  | 容量<br>(kW)<br>Capacity<br>(kW) | 199,016          | 24,376                            | 107,160        | -                 | 287,700          | 33,242                            | 8,414          | 637,922           |

## (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 Production  |                                   | 品目<br>Commodity                              | 生産 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>69,604</b>                     | <b>プリンタ</b><br>Printers                      | <b>144,096</b> | <b>6,257</b>                      |
| <b>電子計算機本体</b><br>Digital computers   |                | <b>36,599</b>                     | インクジェットプリンタ<br>Inkjet printers               | ×              | ×                                 |
| はん(汎)用コンピュータ(メインフレーム)<br>General purpose computers(mainframe)                   | 15             | 1,395                             | レーザープリンタ<br>Laser printers                   | 23,175         | 2,375                             |
| ミッドレンジコンピュータ<br>Midrange computers  | 6,913          | 5,230                             | その他のプリンタ<br>Miscellaneous printers           | ×              | ×                                 |
| <b>パーソナルコンピュータ ※</b><br>Personal computers                                      | <b>257,769</b> | <b>29,974</b>                     | <b>モニター</b><br>Monitors                      | <b>97,196</b>  | <b>4,661</b>                      |
| サーバ用<br>Server use  | 9,466          | 4,478                             | 31型未満<br>Less than 31inch                    | ×              | ×                                 |
| 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) | 94,275         | 7,822                             | 31型以上<br>More than 31inch                    | ×              | ×                                 |
| ノートブック型(タブレット型を含む)<br>Notebook style(including tablet type)                     | 154,028        | 17,674                            | プロジェクタ<br>Projector                          | 6,091          | 1,944                             |
| <b>情報端末</b><br>Information terminals  |                | <b>33,005</b>                     | <b>金融用端末装置</b><br>Banking terminals          | <b>16,564</b>  | <b>6,033</b>                      |
| <b>外部記憶装置(内蔵型を含む)</b><br>External storages                                      |                | <b>11,391</b>                     | 現金自動預払機(支払機を含む)<br>Automatic teller machines | 1,635          | 2,417                             |
| ディスクアレイ装置<br>Disk drive array   | 2,326          | 10,984                            | その他の金融用端末装置<br>Other banking terminals       | 14,929         | 3,616                             |
| その他の外部記憶装置<br>Miscellaneous external storages                                   | 6,428          | 407                               | 情報キオスク端末装置<br>Kiosk terminals                | 1,107          | 258                               |
|   |                |                                   | 携帯型専用端末装置<br>Handy terminals                 | 18,072         | 960                               |
|   |                |                                   | その他の情報端末<br>Other information terminals      | 31,129         | 1,501                             |

## ※ パーソナルコンピュータ

| 品目<br>Commodity   | 生産 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<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>257,769</b> | <b>29,974</b>                     | <b>117,053</b> | <b>371,927</b> | <b>358</b>    | <b>36,114</b>     |
| サーバ用<br>Server use  | 9,466          | 4,478                             | -              | 9,365          | 21            | 459               |
| 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) | 94,275         | 7,822                             | 15,386         | 107,058        | 143           | 9,967             |
| ノートブック型(タブレット型を含む)<br>Notebook style(including tablet type)                     | 154,028        | 17,674                            | 101,667        | 255,504        | 194           | 25,688            |

## (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 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</b><br>Electric measuring instrument and associated<br>electronic equipment |            |                  | <b>89,323</b>                     |                |                |                                   |               |                   |
| <b>電気計測器</b><br>Electric measuring instruments   |            |                  | <b>27,074</b>                     |                |                |                                   |               |                   |
| <b>電気計器</b><br>Electrical meters   | 個<br>(n)   | <b>685,984</b>   | <b>5,643</b>                      | <b>1,211</b>   | <b>650,516</b> | <b>5,939</b>                      | <b>80</b>     | <b>474,647</b>    |
| 指示計器<br>Indicating instruments   | "          | 63,198           | 313                               | 58             | 62,884         | 364                               | 67            | 20,898            |
| 電力量計<br>Watt-hour meters   | "          | 622,786          | 5,330                             | 1,153          | 587,632        | 5,575                             | 13            | 453,749           |
| <b>電気測定器</b><br>Electric test and measuring equipment  |            |                  | <b>13,204</b>                     |                |                |                                   |               |                   |
| 電圧・電流・電力測定器<br>Voltage current and power measuring   | 台<br>(n)   | 34,357           | 870                               | 38,514         | 78,501         | 977                               | 1,000         | 25,281            |
| 無線通信測定器<br>Audio communication measuring instruments   | "          | 945              | 1,825                             | 314            | 891            | 1,463                             | 314           | 1,614             |
| <b>半導体・IC測定器</b><br>Semiconductor characteristic measuring                                   | "          | <b>205</b>       | <b>7,305</b>                      |                |                |                                   |               |                   |
| ロジックICテスタ<br>Logic IC testers  | "          | 31               | 2,503                             | ...            | ...            | ...                               | ...           | ...               |
| IC測定関連機器<br>IC testing peripheral equipment  | "          | 58               | 295                               | ...            | ...            | ...                               | ...           | ...               |
| その他の半導体・IC測定器<br>Other semiconductor and IC measuring instrument                             | "          | 116              | 4,507                             | ...            | ...            | ...                               | ...           | ...               |
| その他の電気測定器<br>Miscellaneous test and measuring equipment                                      | "          | ...              | 3,204                             | ...            | ...            | ...                               | ...           | ...               |
| <b>工業用計測制御機器</b><br>Industrial for measuring equipment instruments                           |            |                  | <b>8,227</b>                      |                |                |                                   |               |                   |
| <b>発信器</b><br>Detector, transducer and transmitters  | 台<br>(n)   | <b>157,442</b>   | <b>3,653</b>                      | <b>16,399</b>  | <b>167,214</b> | <b>3,840</b>                      | <b>162</b>    | <b>87,486</b>     |
| 温度計<br>Thermometers  | "          | 82,726           | 967                               | 10,041         | 93,679         | 1,038                             | -             | 8,371             |
| 圧力計<br>Pressure gauge  | "          | 21,872           | 681                               | 1,025          | 22,444         | 712                               | -             | 16,756            |
| 流量計<br>Flow gauge  | "          | 4,943            | 485                               | 143            | 4,813          | 506                               | 111           | 1,754             |
| 差圧計<br>Differential pressure transmitter   | "          | 9,074            | 921                               | 125            | 9,201          | 931                               | -             | -                 |
| その他の発信器<br>Miscellaneous detector transmitter  | "          | 38,827           | 599                               | 5,065          | 37,077         | 653                               | 51            | 60,605            |



## (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)   | 47,443           | 1,084                             | 2,082          | 44,120         | 1,095                             | 5,580         | 6,095             |
| プロセス用分析計<br>Analyzer for processing  | "          | 1,502            | 826                               | 3              | 1,505          | 849                               | -             | 13                |
| <b>プロセス監視制御システム</b><br>Monitoring and control systems for processing   | "          | <b>1,391</b>     | <b>1,304</b>                      | <b>145</b>     | <b>1,520</b>   | <b>1,323</b>                      | -             | <b>158</b>        |
| デジタル計装制御システム<br>Distributed control systems  | "          | 151              | 839                               | 4              | 153            | 840                               | -             | 2                 |
| その他のプロセス監視制御システム<br>Miscellaneous monitoring and control system<br>for processing                            | "          | 1,240            | 465                               | 141            | 1,367          | 483                               | -             | 156               |
| その他のプロセスオートメーション用計測制御機器<br>Miscellaneous industrial measuring equipment<br>instrument for process automation | "          | ...              | 1,360                             | ...            | ...            | ...                               | ...           | ...               |
| ガス警報器<br>Gas alarm   | 個<br>(n)   | 425,396          | 1,492                             | 13,401         | 392,113        | 1,697                             | -             | 341,459           |
| <b>電子応用装置</b><br>Associated electronic equipment   |            |                  | <b>60,757</b>                     |                |                |                                   |               |                   |
| <b>X線装置</b><br>X-ray equipment   | 台<br>(n)   | <b>1,734</b>     | <b>11,646</b>                     |                |                |                                   |               |                   |
| <b>医用</b><br>Medical X-ray systems   | "          | <b>1,488</b>     | <b>10,660</b>                     |                |                |                                   |               |                   |
| 医科・歯科用<br>Medical use dental use   | "          | 1,250            | 4,660                             | ...            | ...            | ...                               | ...           | ...               |
| CT装置<br>Equipments computed tomograph  | "          | 238              | 6,000                             | ...            | ...            | ...                               | ...           | ...               |
| その他のX線装置<br>Miscellaneous X-ray equipment  | "          | 246              | 986                               | ...            | ...            | ...                               | ...           | ...               |
| 放射性物質応用機器<br>Radio isotope equipment   | "          | 22               | 1,129                             | ...            | ...            | ...                               | ...           | ...               |
| 放射線測定器<br>Radiation instruments  | "          | 27,856           | 493                               | ...            | ...            | ...                               | ...           | ...               |
| <b>超音波応用装置</b><br>Ultrasonic instruments   | "          | <b>15,754</b>    | <b>8,951</b>                      |                |                |                                   |               |                   |
| 洗浄機<br>Washers   | "          | 377              | 187                               | ...            | ...            | ...                               | ...           | ...               |
| 医療機器<br>Medical equipment  | "          | 1,099            | 3,516                             | ...            | ...            | ...                               | ...           | ...               |
| 溶接機<br>Welders   | "          | 475              | 2,162                             | ...            | ...            | ...                               | ...           | ...               |
| その他の超音波応用装置<br>Miscellaneous ultrasonic instruments  | "          | 13,803           | 3,086                             | ...            | ...            | ...                               | ...           | ...               |
| <b>その他の電子応用装置</b><br>Other associated electronic equipment   | "          | <b>792,352</b>   | <b>38,538</b>                     |                |                |                                   |               |                   |
| 電子顕微鏡<br>Electron microscopes  | "          | 194              | 2,727                             | ...            | ...            | ...                               | ...           | ...               |
| 産業用テレビジョン装置<br>Industrial use television equipment   | "          | 388,504          | 2,668                             | ...            | ...            | ...                               | ...           | ...               |
| 医用測定器<br>Medical use measuring instruments   | "          | 358,139          | 7,396                             | ...            | ...            | ...                               | ...           | ...               |
| その他<br>Miscellaneous   | "          | 45,515           | 25,747                            | ...            | ...            | ...                               | ...           | ...               |