

**(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><b>Communication and related equipment</b>                       |            |                   | x                                 |                 |                  |                                   |               |                   |
| 電話機<br>Telephone sets   | 台<br>(n)   | 10,227            | 308                               | 5,175           | 12,690           | 326                               | 17            | 39,709            |
| <b>電話応用装置</b><br><b>Applied telephone equipment</b>                                       |            |                   | <b>3,635</b>                      |                 |                  | <b>5,849</b>                      |               |                   |
| ボタン電話装置<br>Key system telephone equipment   | 台<br>(n)   | 7,869             | 1,235                             | 1,475           | 9,347            | 1,669                             | -             | 9,314             |
| インターホン<br>Interphone  | 式<br>(n)   | 118,109           | 2,400                             | 245,476         | 349,560          | 4,180                             | 3             | 753,135           |
| ファクシミリ<br>Facsimile machines  | 台<br>(n)   | x                 | x                                 | x               | x                | x                                 | x             | x                 |
| <b>交換機</b><br><b>Switching system</b>   |            |                   | <b>1,713</b>                      |                 |                  |                                   |               |                   |
| <b>電子交換機</b><br><b>Electronic switching system</b>  |            |                   | <b>1,248</b>                      |                 |                  |                                   |               |                   |
| 局用<br>Central office switching system   |            | ...               | 495                               | ...             | ...              | ...                               | ...           | ...               |
| 構内用<br>Private branch exchange  |            | ...               | 753                               | ...             | ...              | ...                               | ...           | ...               |
| その他の交換機・付属装置<br>Other switching equipment and auxiliaries                                 |            | ...               | 465                               | ...             | ...              | ...                               | ...           | ...               |
| <b>搬送装置</b><br><b>Carrier transmission equipment</b>                                      |            |                   | <b>7,147</b>                      |                 |                  |                                   |               |                   |
| デジタル伝送装置<br>Digital transmission equipment  | 台<br>(n)   | 633               | 2,631                             | ...             | ...              | ...                               | ...           | ...               |
| 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) |            | ...               | 4,516                             | ...             | ...              | ...                               | ...           | ...               |

(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>36,155</b>                     |                |                |                                   |               |                   |
| 放送装置<br>Broadcasting equipment  | 台<br>(n)   | 2,515            | 4,539                             | ...            | ...            | ...                               | ...           | ...               |
| <b>無線通信装置</b><br>Radio communication equipment  | 台<br>(n)   | <b>676,758</b>   | <b>10,197</b>                     |                |                |                                   |               |                   |
| 固定通信装置(衛星・地上系)<br>Fixed communication equipment<br>(satellite, ground based)                                | 台<br>(n)   | 24,616           | 1,619                             | ...            | ...            | ...                               | ...           | ...               |
| <b>移動通信装置</b><br>Radio communications equipment for mobile  | 台<br>(n)   | <b>384,947</b>   | <b>7,292</b>                      |                |                |                                   |               |                   |
| <b>移動局通信装置</b><br>Radio communications equipment for<br>mobile station                                      | 台<br>(n)   | <b>381,266</b>   | <b>5,071</b>                      |                |                |                                   |               |                   |
| <b>陸上移動通信装置</b><br>Landing radio communication equipment  | 台<br>(n)   | <b>359,461</b>   | <b>4,412</b>                      | <b>334,222</b> | <b>757,236</b> | <b>25,401</b>                     | <b>22</b>     | <b>510,590</b>    |
| 携帯電話<br>Cellular telephone  | 台<br>(n)   | x                | x                                 | x              | x              | x                                 | x             | x                 |
| 公衆用PHS端末<br>Public personal handyphone  | 台<br>(n)   | x                | x                                 | x              | x              | x                                 | x             | x                 |
| その他の陸上移動通信装置<br>Other radio communication<br>equipment for mobile station                                   | 台<br>(n)   | 193,216          | 1,588                             | 11,574         | 269,960        | 2,016                             | 22            | 496,092           |
| 海上・航空移動通信装置<br>Marine and aeronautical radio<br>communication equipment                                     | 台<br>(n)   | 21,805           | 659                               | ...            | ...            | ...                               | ...           | ...               |
| 基地局通信装置<br>Basic exchange for mobile customer<br>premises   | 台<br>(n)   | 3,681            | 2,221                             | ...            | ...            | ...                               | ...           | ...               |
| その他の無線通信装置<br>Other radio communication equipment   | 台<br>(n)   | 267,195          | 1,286                             | ...            | ...            | ...                               | ...           | ...               |
| <b>無線応用装置</b><br>Associated radio equipment   |            |                  | <b>21,419</b>                     |                |                |                                   |               |                   |
| レーダ装置<br>Radar equipment  | 台<br>(n)   | 3,660            | 5,533                             | ...            | ...            | ...                               | ...           | ...               |
| 無線位置測定装置<br>Maker radio measuring equipment   | 台<br>(n)   | 34,486           | 4,794                             | ...            | ...            | ...                               | ...           | ...               |
| テレメータ・テレコントロール<br>Telemeter, telecontrol  | 台<br>(n)   | 210              | 918                               | ...            | ...            | ...                               | ...           | ...               |
| その他の無線応用装置<br>Other associated radio equipment  |            | ...              | 10,174                            | ...            | ...            | ...                               | ...           | ...               |
| ネットワーク接続機器<br>Network access equipment  | 台<br>(n)   | 107,455          | 2,577                             | ...            | ...            | ...                               | ...           | ...               |

## (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>39,848</b>    |                                   |                | <b>62,589</b>   |                                   |                |                   |
| <b>薄型テレビ</b><br>Flat panel television                           | <b>20,647</b>    | <b>1,729</b>                      | <b>120,799</b> | <b>173,068</b>  | <b>9,916</b>                      | <b>412</b>     | <b>200,370</b>    |
| 40型以上<br>Greater than or equal to 40inch                        | 15,759           | 1,632                             | 75,851         | 108,926         | 8,286                             | 280            | 91,685            |
| 40型未満<br>Less than 40inch                                       | 4,888            | 97                                | 44,948         | 64,142          | 1,630                             | 132            | 108,685           |
| ビデオカメラ(放送用を除く)<br>Video camera (except for broadcast)           | 7,053            | 562                               | 51,445         | 48,959          | 1,885                             | 10,996         | 39,858            |
| <b>デジタルカメラ</b><br>Digital still camera                          | <b>178,663</b>   | <b>9,269</b>                      | <b>266,268</b> | <b>210,798</b>  | <b>11,149</b>                     | <b>266,579</b> | <b>188,832</b>    |
| 一眼レフタイプ(レンズ交換式)<br>Single lens reflex type (lens exchange type) | 142,811          | 8,421                             | 195,180        | 168,456         | 10,082                            | 195,314        | 167,044           |
| コンパクトタイプ<br>Compact type  | 35,852           | 848                               | 71,088         | 42,342          | 1,067                             | 71,265         | 21,788            |
| カーオーディオ<br>Car audio  | 251,671          | 3,982                             | 150,677        | 314,047         | 5,635                             | 90,838         | 162,585           |
| カーナビゲーションシステム<br>Car navigation system                          | 507,426          | 23,437                            | 261,391        | 614,022         | 32,360                            | 125,852        | 461,838           |
| 補聴器<br>Hearing aid  | 18,444           | 869                               | 20,005         | 34,249          | 1,644                             | 7,078          | 42,278            |

## (8) 電子部品

## Parts for electronic equipment

| 品目<br>Commodity  | 単位<br>Unit                | 生産 Production     |                                   | 品目<br>Commodity  | 単位<br>Unit   | 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>1,013,918</b> | <b>36,918</b>                     |
| <b>受動部品</b><br>Passive components  |                           |                   | <b>92,695</b>                     | <b>リジッドプリント配線板</b><br>Rigid printed wiring boards  | m <sup>2</sup>                                       | <b>760,268</b>   | <b>23,427</b>                     |
| <b>抵抗器</b><br>Resistors  | 千個<br>(10 <sup>3</sup> n) | <b>12,069,411</b> | <b>7,579</b>                      | 片面プリント配線板<br>Single-sided printed wiring boards  | m <sup>2</sup>                                       | 125,032          | 712                               |
| <b>可変抵抗器</b><br>Potentiometers   | 千個<br>(10 <sup>3</sup> n) | <b>81,079</b>     | <b>2,071</b>                      | 両面プリント配線板<br>Double-sided printed wiring boards  | m <sup>2</sup>                                       | 322,102          | 5,169                             |
| 半固定抵抗器<br>Trimmer potentiometers   | 千個<br>(10 <sup>3</sup> n) | 42,677            | 164                               | 多層プリント配線板(4層)<br>Multi layer printed wiring boards (4layers)                                 | m <sup>2</sup>                                       | 168,812          | 4,128                             |
| 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) | 35,962            | 1,439                             | 多層プリント配線板(6~8層)<br>Multi layer printed wiring boards (6~8layers)                             | m <sup>2</sup>                                       | 75,872           | 4,937                             |
| その他の可変抵抗器<br>Other potentiometers  | 千個<br>(10 <sup>3</sup> n) | 2,440             | 468                               | 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>                                       | 8,037            | 1,559                             |
| <b>固定抵抗器</b><br>Fixed resistors  | 千個<br>(10 <sup>3</sup> n) | <b>11,988,332</b> | <b>5,508</b>                      | ビルドアップ多層配線板<br>Build-up multi layer printed wiring boards                                    | m <sup>2</sup>                                       | 60,413           | 6,922                             |
| ネットワーク抵抗器<br>Networks resistors  | 千個<br>(10 <sup>3</sup> n) | 671,987           | 600                               | <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>178,118</b>   | <b>2,940</b>                      |
| チップ抵抗器<br>Chip resistors   | 千個<br>(10 <sup>3</sup> n) | 10,660,509        | 3,373                             | 片面フレキシブル配線板<br>Single-sided flexible printed wiring boards                                   | m <sup>2</sup>                                       | 62,389           | 751                               |
| その他の固定抵抗器<br>Other fixed resistors   | 千個<br>(10 <sup>3</sup> n) | 655,836           | 1,535                             | 両面・多層フレキシブル配線板<br>Double-sided or multi layer<br>flexible printed wiring boards              | m <sup>2</sup>                                       | 115,729          | 2,189                             |
| <b>固定コンデンサ</b><br>Fixed capacitors   | 千個<br>(10 <sup>3</sup> n) | <b>67,366,250</b> | <b>58,655</b>                     | <b>モジュール基板</b><br>Module boards  | m <sup>2</sup>                                       | <b>75,532</b>    | <b>10,551</b>                     |
| アルミ電解コンデンサ<br>Aluminum electrolytic capacitors   | 千個<br>(10 <sup>3</sup> n) | 834,251           | 10,065                            | リジッド系モジュール基板<br>Rigid-system module boards   | m <sup>2</sup>                                       | 38,916           | 9,804                             |
| タンタル電解コンデンサ<br>Tantalum electrolytic capacitors  | 千個<br>(10 <sup>3</sup> n) | 95,202            | 1,552                             | その他のモジュール基板<br>Other module boards   | m <sup>2</sup>                                       | 36,616           | 747                               |
| セラミックコンデンサ<br>Ceramic capacitors   | 千個<br>(10 <sup>3</sup> n) | 66,392,487        | 44,187                            | <b>電子回路実装基板</b><br>Electronic circuit jisso boards   | 千個<br>(10 <sup>3</sup> n)                            | <b>549,583</b>   | <b>10,659</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) | 21,387            | 923                               | プリント配線実装基板<br>Printed wiring jisso boards  | 千個<br>(10 <sup>3</sup> n)                            | 497,553          | 7,622                             |
| その他の固定コンデンサ<br>Other fixed capacitors  | 千個<br>(10 <sup>3</sup> n) | 22,923            | 1,928                             | モジュール実装基板<br>Module jisso boards   | 千個<br>(10 <sup>3</sup> n)                            | 52,030           | 3,037                             |
| トランス<br>Transformers   | 千個<br>(10 <sup>3</sup> n) | 1,644             | 644                               | 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)                            | 7,537            | 949                               |
| インダクタ(コイルを含む)<br>Inductors (including coils)   | 千個<br>(10 <sup>3</sup> n) | 9,169,557         | 4,404                             | <b>メモリ部品</b><br>Memorizing components  |  |                  | x                                 |
| <b>機能部品</b><br>Functional components   |                           |                   | <b>21,413</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>12,197</b>    | <b>2,446</b>                      |
| 水晶振動子<br>Quartz crystal units  | 千個<br>(10 <sup>3</sup> n) | 201,617           | 3,124                             | 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) | 1,453,951         | 8,798                             | 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) | 438,423           | 9,491                             | 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>34,131</b>                     | スイッチング電源<br>Switching power supply units   | 千台<br>(10 <sup>3</sup> n)                            | 3,028            | 5,776                             |
| スイッチ(通信・電子装置用に限る)<br>Switches (only for communication and<br>electronic equipment)       | 千個<br>(10 <sup>3</sup> n) | 912,641           | 5,165                             |  |  |                  |                                   |
| <b>コネクタ</b><br>Connectors  | 千個<br>(10 <sup>3</sup> n) | <b>2,523,685</b>  | <b>26,699</b>                     |  |  |                  |                                   |
| 同軸コネクタ<br>Coaxial connectors   | 千個<br>(10 <sup>3</sup> n) | 180,659           | 1,362                             |  |  |                  |                                   |
| プリント基板用コネクタ<br>Printed wiring board connectors   | 千個<br>(10 <sup>3</sup> n) | 1,563,118         | 18,327                            |  |  |                  |                                   |
| 丸形コネクタ<br>Circular connectors  | 千個<br>(10 <sup>3</sup> n) | 22,252            | 1,514                             |  |  |                  |                                   |
| 角形コネクタ<br>Square connectors  | 千個<br>(10 <sup>3</sup> n) | 77,288            | 1,615                             |  |  |                  |                                   |
| その他のコネクタ<br>Other connectors   | 千個<br>(10 <sup>3</sup> n) | 680,368           | 3,881                             |  |  |                  |                                   |
| リレー(有線通信機器用に限る)<br>Relays (only for communication,<br>electronic equipment)              | 千個<br>(10 <sup>3</sup> n) | 48,332            | 2,267                             |  |  |                  |                                   |

## (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>313,131</b>                    |                  |                   |                  |                                   |                  |                   |
| <b>電子管</b><br>Electronic tubes  |                                 |                  | <b>4,152</b>                      |                  |                   |                  |                                   |                  |                   |
| マイクロ波管<br>Microwave tubes   | 本<br>(n)                        | 5,213            | 571                               | ...              | ...               | ...              | ...                               | ...              | ...               |
| 表示管<br>Indicator tubes  | 本<br>(n)                        | x                | x                                 | ...              | ...               | ...              | ...                               | ...              | ...               |
| X線管<br>X-ray tubes  | 本<br>(n)                        | 11,576           | 790                               | ...              | ...               | ...              | ...                               | ...              | ...               |
| その他の電子管<br>Other electronic tubes   | 本<br>(n)                        | 86,271           | x                                 | ...              | ...               | ...              | ...                               | ...              | ...               |
| <b>半導体素子</b><br>Semiconductor devices   | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>3,959,804</b> | <b>61,446</b>                     | <b>2,991,068</b> | <b>17,107</b>     | <b>4,679,224</b> | <b>67,762</b>                     | <b>2,215,741</b> | <b>4,241,021</b>  |
| シリコンダイオード<br>Silicon diodes   | 千個<br>(10 <sup>3</sup> n)       | 316,410          | 1,242                             | 355,362          | -                 | 515,346          | 1,511                             | 168,358          | 920,816           |
| 整流素子(100mA以上)<br>Rectifiers devices (greater than or equal to 100mA)  | 千個<br>(10 <sup>3</sup> n)       | 311,142          | 3,188                             | 92,094           | 817               | 217,081          | 3,348                             | 201,797          | 246,820           |
| <b>トランジスタ</b><br>Transistors  | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>450,956</b>   | <b>19,890</b>                     | <b>626,098</b>   | <b>51</b>         | <b>674,342</b>   | <b>25,843</b>                     | <b>397,075</b>   | <b>788,979</b>    |
| シリコントランジスタ<br>Silicon transistors   | 千個<br>(10 <sup>3</sup> n)       | 205,052          | 2,018                             | 311,091          | 51                | 329,418          | 3,171                             | 191,454          | 367,791           |
| 1W未満<br>Less than 1W  | 千個<br>(10 <sup>3</sup> n)       | 126,294          | 405                               | 241,226          | -                 | 235,312          | 1,218                             | 137,020          | 256,930           |
| 1W以上<br>Greater than or equal to 1W   | 千個<br>(10 <sup>3</sup> n)       | 78,758           | 1,613                             | 69,865           | 51                | 94,106           | 1,953                             | 54,434           | 110,861           |
| 電界効果型トランジスタ<br>Field effect transistors   | 千個<br>(10 <sup>3</sup> n)       | 235,561          | 6,243                             | 306,372          | -                 | 330,496          | 10,303                            | 200,076          | 408,520           |
| IGBT<br>IGBT (Insulated gate bipolar transistors)   | 千個<br>(10 <sup>3</sup> n)       | 10,343           | 11,629                            | 8,635            | -                 | 14,428           | 12,369                            | 5,545            | 12,668            |
| サーミスタ<br>Thermistors  | 千個<br>(10 <sup>3</sup> n)       | 540,816          | 4,029                             | 371,419          | 4,511             | 485,107          | 4,851                             | 361,601          | 562,098           |
| バリスタ<br>Varistors   | 千個<br>(10 <sup>3</sup> n)       | 288,769          | 624                               | 301,506          | -                 | 336,621          | 732                               | 234,477          | 1,075,508         |
| サイリスタ<br>Thyristors   | 千個<br>(10 <sup>3</sup> n)       | 4,539            | 459                               | 23,370           | 60                | 30,393           | 746                               | 41               | 28,891            |
| <b>光電変換素子</b><br>Opto electronic devices  | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>1,862,207</b> | <b>29,681</b>                     | <b>1,197,791</b> | <b>11,610</b>     | <b>2,221,654</b> | <b>28,555</b>                     | <b>826,424</b>   | <b>304,325</b>    |
| 発光ダイオード<br>Light emitting diodes  | 千個<br>(10 <sup>3</sup> n)       | 1,698,947        | 15,017                            | 1,057,073        | 3,439             | 2,026,060        | 15,055                            | 727,963          | 187,242           |
| レーザダイオード<br>Laser diodes  | 千個<br>(10 <sup>3</sup> n)       | 10,368           | 3,283                             | 6,476            | -                 | 5,593            | 3,796                             | 11,242           | 4,070             |
| カップラ・インタラプタ<br>Photo couplers and photo interrupters  | 千個<br>(10 <sup>3</sup> n)       | 112,813          | 2,537                             | 128,419          | -                 | 160,417          | 3,193                             | 77,633           | 88,792            |
| 太陽電池セル<br>Photovoltaic cells  | 千個<br>(10 <sup>3</sup> n)       | 16,574           | 2,628                             | 1,077            | 8,171             | -                | -                                 | 7,888            | 8,404             |
| その他の光電変換素子<br>Other opto electronic devices   | 千個<br>(10 <sup>3</sup> n)       | 23,505           | 6,216                             | 4,746            | -                 | 29,584           | 6,511                             | 1,698            | 15,817            |
| その他の半導体素子<br>Other semiconductor devices  | 千個<br>(10 <sup>3</sup> n)       | 184,965          | 2,333                             | 23,428           | 58                | 198,680          | 2,176                             | 25,968           | 313,584           |
| <b>集積回路</b><br>Integrated circuits  | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>1,986,188</b> | <b>177,394</b>                    | <b>1,403,365</b> | <b>25,438</b>     | <b>2,053,562</b> | <b>229,003</b>                    | <b>1,343,803</b> | <b>2,371,339</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>1,838,873</b> | <b>143,091</b>                    | <b>1,403,307</b> | <b>16,056</b>     | <b>1,918,520</b> | <b>200,854</b>                    | <b>1,340,464</b> | <b>2,301,844</b>  |
| <b>線形回路</b><br>Linear ICs   | <b>千個<br/>(10<sup>3</sup>n)</b> | <b>1,016,569</b> | <b>11,275</b>                     | <b>677,809</b>   | <b>805</b>        | <b>929,842</b>   | <b>17,994</b>                     | <b>753,966</b>   | <b>1,351,552</b>  |
| 標準線形回路<br>Standard linear ICs   | 千個<br>(10 <sup>3</sup> n)       | 580,194          | 3,845                             | 297,747          | 69                | 506,108          | 7,149                             | 392,215          | 639,378           |
| 非標準線形回路<br>Non standard linear ICs  | 千個<br>(10 <sup>3</sup> n)       | 436,375          | 7,430                             | 380,062          | 736               | 423,734          | 10,845                            | 361,751          | 712,174           |
| 産業用機器向<br>For industrial products   | 千個<br>(10 <sup>3</sup> n)       | 95,999           | 3,406                             | 124,972          | 732               | 173,790          | 8,213                             | 48,354           | 127,207           |
| 民生用機器向<br>For consumer products   | 千個<br>(10 <sup>3</sup> n)       | 340,376          | 4,024                             | 255,090          | 4                 | 249,944          | 2,632                             | 313,397          | 584,967           |

## (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>822,304</b>   | <b>131,816</b>                    | <b>725,498</b> | <b>15,251</b>     | <b>988,678</b>  | <b>182,860</b>                    | <b>586,498</b> | <b>950,292</b>    |
| バイポーラ型<br>Bipolar ICs  | 千個<br>(10 <sup>3</sup> n)      | 47,169           | 4,738                             | 1,962          | 11,867            | 35,081          | 2,606                             | 1,299          | 39,261            |
| <b>モス型</b><br>Metal oxide semiconductor ICs  | 千個<br>(10 <sup>3</sup> n)      | <b>775,135</b>   | <b>127,078</b>                    | <b>723,536</b> | <b>3,384</b>      | <b>953,597</b>  | <b>180,254</b>                    | <b>585,199</b> | <b>911,031</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>82,835</b>    | <b>6,095</b>                      | <b>228,859</b> | <b>1,915</b>      | <b>252,924</b>  | <b>32,705</b>                     | <b>76,468</b>  | <b>107,451</b>    |
| MPU<br>Micro processing units  | 千個<br>(10 <sup>3</sup> n)      | 3,561            | 58                                | 11             | -                 | 2,989           | 45                                | 577            | 204               |
| MCU<br>Micro controller units  | 千個<br>(10 <sup>3</sup> n)      | 79,074           | 6,037                             | 228,848        | 1,915             | 249,935         | 32,660                            | 75,891         | 107,247           |
| <b>ロジック</b><br>Logic ICs   | 千個<br>(10 <sup>3</sup> n)      | <b>324,832</b>   | <b>9,652</b>                      | <b>141,315</b> | <b>-</b>          | <b>340,803</b>  | <b>16,508</b>                     | <b>157,525</b> | <b>612,528</b>    |
| 標準ロジック<br>Standard logic ICs   | 千個<br>(10 <sup>3</sup> n)      | 204,693          | 1,051                             | 103,176        | -                 | 227,398         | 3,105                             | 111,407        | 520,102           |
| セミカスタム<br>Semicustom ICs   | 千個<br>(10 <sup>3</sup> n)      | 27,262           | 3,648                             | 10,236         | -                 | 14,048          | 3,735                             | 22,699         | 27,088            |
| ディスプレイドライバ<br>Display driver ICs   | 千個<br>(10 <sup>3</sup> n)      | 2,394            | 47                                | 269            | -                 | 260             | 82                                | 2,384          | 5,702             |
| その他ロジック<br>Other logic ICs   | 千個<br>(10 <sup>3</sup> n)      | 90,483           | 4,906                             | 27,634         | -                 | 99,097          | 9,586                             | 21,035         | 59,636            |
| <b>メモリ</b><br>Memory ICs   | 千個<br>(10 <sup>3</sup> n)      | <b>180,649</b>   | <b>76,692</b>                     | <b>170,313</b> | <b>-</b>          | <b>175,087</b>  | <b>68,811</b>                     | <b>171,036</b> | <b>129,476</b>    |
| DRAM<br>Dynamic random access memory ICs   | 千個<br>(10 <sup>3</sup> n)      | 1,350            | 336                               | 95             | -                 | 1,425           | 630                               | 44             | 46                |
| 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>187,019</b>   | <b>34,639</b>                     | <b>183,049</b> | <b>1,469</b>      | <b>184,783</b>  | <b>62,230</b>                     | <b>180,170</b> | <b>61,576</b>     |
| CCD<br>Charge coupled devices  | 千個<br>(10 <sup>3</sup> n)      | 176,602          | 32,944                            | 183,049        | -                 | 175,463         | 60,907                            | 180,040        | 51,938            |
| その他モス型<br>Other MOS ICs (except CCDs)  | 千個<br>(10 <sup>3</sup> n)      | 10,417           | 1,695                             | -              | 1,469             | 9,320           | 1,323                             | 130            | 9,638             |
| 混成集積回路<br>Hybrid ICs   | 千個<br>(10 <sup>3</sup> n)      | 147,315          | 34,303                            | 58             | 9,382             | 135,042         | 28,149                            | 3,339          | 69,495            |
| <b>液晶素子</b><br>Liquid crystal devices  | 千個<br>(10 <sup>3</sup> n)      | <b>16,531</b>    | <b>64,286</b>                     | <b>5,567</b>   | <b>1,226</b>      | <b>18,030</b>   | <b>58,939</b>                     | <b>1,911</b>   | <b>10,901</b>     |
| <b>アクティブ型</b><br>Active matrix LCDs  | 千個<br>(10 <sup>3</sup> n)      | <b>15,582</b>    | <b>64,110</b>                     | <b>3,525</b>   | <b>-</b>          | <b>16,401</b>   | <b>58,651</b>                     | <b>1,887</b>   | <b>10,023</b>     |
| 4.5型未満<br>Less than 4.5inch  | 千個<br>(10 <sup>3</sup> n)      | 4,771            | 7,102                             | 1,247          | -                 | 5,542           | 7,986                             | 477            | 1,460             |
| 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)      | 5,855            | 19,687                            | 2,033          | -                 | 7,818           | 24,134                            | 265            | 2,853             |
| 7.7型以上<br>Greater than 7.7inch   | 千個<br>(10 <sup>3</sup> n)      | 4,956            | 37,321                            | 245            | -                 | 3,041           | 26,531                            | 1,145          | 5,710             |
| <b>パッシブ型</b><br>Passive matrix LCDs  | 千個<br>(10 <sup>3</sup> n)      | <b>949</b>       | <b>176</b>                        | <b>2,042</b>   | <b>1,226</b>      | <b>1,629</b>    | <b>288</b>                        | <b>24</b>      | <b>878</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) | 63,077           | 5,853                             | 53,922         | -                 | 103,496         | 8,362                             | 2,398          | 399,599           |

## (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>プリンタ</b><br>Printers  | <b>143,670</b>   | <b>4,922</b>                      |
| <b>電子計算機本体</b><br>Digital computers  |                  | <b>69,617</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)               | x                | x                                 | レーザプリンタ<br>Laser printers  | 12,237           | 2,131                             |
| ミッドレンジコンピュータ<br>Midrange computers   | x                | x                                 | 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>586,852</b>   | <b>68,227</b>                     | <b>モニター</b><br>Monitors  | <b>103,098</b>   | <b>4,716</b>                      |
| サーバ用<br>Server use   | 26,209           | 12,543                            | 31型未満<br>Less than 31inch  | 101,466          | 4,229                             |
| 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) | 241,281          | 19,298                            | 31型以上<br>Greater than or equal to 31inch                                 | 1,632            | 487                               |
| ノートブック型(タブレット型を含む)<br>Notebook style (including tablet type)                     | 319,362          | 36,386                            | プロジェクタ<br>Projector  | 2,074            | 903                               |
| <b>情報端末</b><br>Information terminals   |                  | x                                 | <b>金融用端末装置</b><br>Banking terminals                                      | <b>4,880</b>     | <b>2,872</b>                      |
| <b>外部記憶装置(内蔵型を含む)</b><br>External storages (including built-in type)             |                  | <b>10,637</b>                     | 現金自動預払機(支払機を含む)<br>Automatic teller machines (including cash dispensers) | 843              | 1,116                             |
| ディスクアレイ装置<br>Disk drive array  | 1,905            | 10,109                            | その他の金融用端末装置<br>Other banking terminals                                   | 4,037            | 1,756                             |
| その他の外部記憶装置<br>Other external storages  | 10,818           | 528                               | 情報キオスク端末装置<br>Kiosk terminals  | x                | x                                 |
|  |                  |                                   | 携帯型専用端末装置<br>Handy terminals   | 11,188           | 1,046                             |
|  |                  |                                   | その他の情報端末<br>Other information terminals                                  | 75,135           | 3,030                             |

## ※ 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>586,852</b>   | <b>68,227</b>                     | <b>36,414</b>  | <b>608,617</b>  | <b>281</b>    | <b>62,830</b>     |
| サーバ用<br>Server use   | 26,209           | 12,543                            | -              | 26,125          | 167           | 1,204             |
| 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) | 241,281          | 19,298                            | 6,391          | 245,478         | 10            | 8,721             |
| ノートブック型(タブレット型を含む)<br>Notebook style (including tablet type)                     | 319,362          | 36,386                            | 30,023         | 337,014         | 104           | 52,905            |

## (11) 電気計測器及び電子応用装置

## Electric measuring instruments 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 instruments and associated electronic equipment |            |                  | <b>88,824</b>                     |                |                |                                   |               |                   |
| <b>電気計測器</b><br>Electric measuring instruments   |            |                  | <b>29,894</b>                     |                |                |                                   |               |                   |
| <b>電気計器</b><br>Electrical meters   | 個<br>(n)   | <b>1,084,857</b> | <b>6,121</b>                      | <b>515</b>     | <b>991,629</b> | <b>5,563</b>                      | <b>2,037</b>  | <b>707,423</b>    |
| 指示計器<br>Indicating instruments   | 個<br>(n)   | 67,047           | 225                               | 8              | 66,194         | 266                               | 89            | 14,323            |
| 電力量計<br>Watt-hour meters   | 個<br>(n)   | 1,017,810        | 5,896                             | 507            | 925,435        | 5,297                             | 1,948         | 693,100           |
| <b>電気測定器</b><br>Electric test and measuring equipment                                      |            |                  | <b>14,463</b>                     |                |                |                                   |               |                   |
| 電圧・電流・電力測定器<br>Voltage current and power measuring   | 台<br>(n)   | 44,198           | 1,003                             | 27,189         | 72,532         | 1,030                             | 414           | 48,550            |
| 無線通信測定器<br>Audio communication measuring instruments                                       | 台<br>(n)   | 1,397            | 1,096                             | 242            | 786            | 2,507                             | 885           | 962               |
| <b>半導体・IC測定器</b><br>Semiconductor characteristic measuring                                 | 台<br>(n)   | <b>256</b>       | <b>8,932</b>                      |                |                |                                   |               |                   |
| ロジックICテスト<br>Logic IC testers  | 台<br>(n)   | 60               | 5,602                             | ...            | ...            | ...                               | ...           | ...               |
| IC測定関連機器<br>IC testing peripheral equipment  | 台<br>(n)   | 31               | 261                               | ...            | ...            | ...                               | ...           | ...               |
| その他の半導体・IC測定器<br>Other semiconductor and IC measuring instruments                          | 台<br>(n)   | 165              | 3,069                             | ...            | ...            | ...                               | ...           | ...               |
| その他の電気測定器<br>Other test and measuring equipment  |            | ...              | 3,432                             | ...            | ...            | ...                               | ...           | ...               |
| <b>工業用計測制御機器</b><br>Industrial for measuring equipment instruments                         |            |                  | <b>9,310</b>                      |                |                |                                   |               |                   |
| <b>発信器</b><br>Detector, transducer and transmitters  | 台<br>(n)   | <b>175,164</b>   | <b>3,984</b>                      | <b>18,107</b>  | <b>183,486</b> | <b>4,181</b>                      | <b>240</b>    | <b>101,774</b>    |
| 温度計<br>Thermometers  | 台<br>(n)   | 89,468           | 1,063                             | 13,186         | 102,424        | 1,129                             | -             | 9,635             |
| 圧力計<br>Pressure gauge  | 台<br>(n)   | 25,648           | 766                               | 788            | 24,799         | 787                               | -             | 20,751            |
| 流量計<br>Flow gauge  | 台<br>(n)   | 6,806            | 560                               | 353            | 6,694          | 608                               | 160           | 1,688             |
| 差圧計<br>Differential pressure transmitter   | 台<br>(n)   | 9,836            | 1,091                             | 109            | 9,945          | 1,100                             | -             | -                 |
| その他の発信器<br>Other detector transmitter  | 台<br>(n)   | 43,406           | 504                               | 3,671          | 39,624         | 557                               | 80            | 69,700            |



## (11) 電気計測器及び電子応用装置(続き)

## Electric measuring instruments 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 instruments and associated electronic equipment (continued) |                  |                  |                                   |                |                |                                   |               |                   |
| 受信計<br>Receiving instruments   | 台<br>(n)         | 48,989           | 1,233                             | 2,350          | 48,240         | 1,279                             | 659           | 8,987             |
| プロセス用分析計<br>Analyzer for processing  | 台<br>(n)         | 1,509            | 867                               | 15             | 1,524          | 913                               | -             | 9                 |
| <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>783</b>       | <b>1,530</b>                      | <b>139</b>     | <b>894</b>     | <b>1,569</b>                      | -             | <b>204</b>        |
| デジタル計装制御システム<br>Distributed control systems  | 台<br>(n)         | 321              | 1,195                             | 5              | 331            | 1,198                             | -             | -                 |
| その他のプロセス監視制御システム<br>for processing   | 台<br>(n)         | 462              | 335                               | 134            | 563            | 371                               | -             | 204               |
| 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>instruments for process automation      |                  | ...              | 1,696                             | ...            | ...            | ...                               | ...           | ...               |
| ガス警報器<br>Gas alarm   | 個<br>(n)         | 361,887          | 1,692                             | 60             | 391,655        | 1,957                             | -             | 252,889           |
| <b>電子応用装置</b><br>Associated electronic equipment   |                  |                  | <b>57,238</b>                     |                |                |                                   |               |                   |
| <b>X線装置</b><br>X-ray equipment   | <b>台<br/>(n)</b> | <b>2,034</b>     | <b>12,530</b>                     |                |                |                                   |               |                   |
| <b>医用</b><br>Medical X-ray systems   | <b>台<br/>(n)</b> | <b>1,419</b>     | <b>10,482</b>                     |                |                |                                   |               |                   |
| 医科・歯科用<br>Medical use dental use   | 台<br>(n)         | 1,142            | 4,419                             | ...            | ...            | ...                               | ...           | ...               |
| CT装置<br>Equipment computed tomograph   | 台<br>(n)         | 277              | 6,063                             | ...            | ...            | ...                               | ...           | ...               |
| その他のX線装置<br>Other X-ray equipment  | 台<br>(n)         | 615              | 2,048                             | ...            | ...            | ...                               | ...           | ...               |
| 放射性物質応用機器<br>Radio isotope equipment   | 台<br>(n)         | 15               | 735                               | ...            | ...            | ...                               | ...           | ...               |
| 放射線測定器<br>Radiation instruments  | 台<br>(n)         | 21,652           | 130                               | ...            | ...            | ...                               | ...           | ...               |
| <b>超音波応用装置</b><br>Ultrasonic instruments   | <b>台<br/>(n)</b> | <b>19,716</b>    | <b>7,639</b>                      |                |                |                                   |               |                   |
| 洗浄機<br>Washers   | 台<br>(n)         | 344              | 160                               | ...            | ...            | ...                               | ...           | ...               |
| 医療機器<br>Medical equipment  | 台<br>(n)         | 1,532            | 3,496                             | ...            | ...            | ...                               | ...           | ...               |
| 溶接機<br>Welders   | 台<br>(n)         | 692              | 1,064                             | ...            | ...            | ...                               | ...           | ...               |
| その他の超音波応用装置<br>Other ultrasonic instruments  | 台<br>(n)         | 17,148           | 2,919                             | ...            | ...            | ...                               | ...           | ...               |
| <b>その他の電子応用装置</b><br>Miscellaneous associated electronic equipment   | <b>台<br/>(n)</b> | <b>736,181</b>   | <b>36,204</b>                     |                |                |                                   |               |                   |
| 電子顕微鏡<br>Electron microscopes  | 台<br>(n)         | 186              | 3,462                             | ...            | ...            | ...                               | ...           | ...               |
| 産業用テレビジョン装置<br>Industrial use television equipment   | 台<br>(n)         | 161,738          | 1,723                             | ...            | ...            | ...                               | ...           | ...               |
| 医用測定器<br>Medical use measuring instruments   | 台<br>(n)         | 546,250          | 6,993                             | ...            | ...            | ...                               | ...           | ...               |
| その他<br>Others associated electronic equipment  | 台<br>(n)         | 28,007           | 24,026                            | ...            | ...            | ...                               | ...           | ...               |