



TEC Thermal Printer

## **B-570 SERIES**

### **Parts List**

Document No. **EM8-33013A**

Original    **Nov., 1993**

(Revision   **Apr., 1994** )

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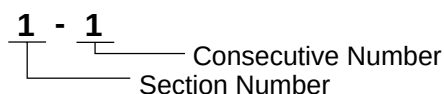
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#### **CAUTION:**

1. This manual may not be copied in whole or in part without prior written permission of TOSHIBA TEC.
2. The contents of this manual may be changed without notification.
3. Please refer to your local Authorized Service representative with regard to any queries you may have in this manual.

## HOW TO USE THIS PARTS LIST

- 1) Indication of Ref. No.



- 2) The initials found in the Remarks column refer to the destination. If there is no symbol, it is a standard part.

QP ..... for Europe

QQ ..... for North America

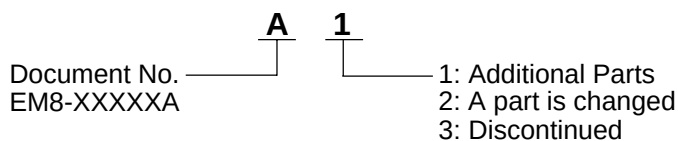
- 3) Miscellaneous parts (screws, washers, etc.) shall be ordered in minimum lots of 100.
- 4) As a rule, orders will not be accepted and the company will not be responsible for problems concerning parts not listed in this parts list.
- 5) The columns from \*1 through \*4 indicates as follows:

\*1 : Quantity/Unit

\*2 : Recommendation of parts stock

|               | Q'ty/100 Units |
|---------------|----------------|
| Class A ..... | 10             |
| Class B ..... | 7              |
| Class C ..... | 5              |
| Class D ..... | 3              |
| Class E ..... | 1              |

\*3 : Revision record



\*4 : RoHS-compliant part (indicated with "R")

- 6) The name of the electronic parts are abbreviated as below:

| Ref. No. | Real Name         | Abbreviation | Ref. No. | Real Name   | Abbreviation |
|----------|-------------------|--------------|----------|-------------|--------------|
| C        | Capacitor         | CAP.         | Q        | Transistor  | XISTOR.      |
| R        | Resistor          | RSTR.        | CN       | Connector   | CONN.        |
| RA       | Resistor Array    | RSTR. Array  | ZD       | Zener Diode | Z. Diode     |
| VR (RV)  | Variable Resistor | V. RSTR      |          |             |              |

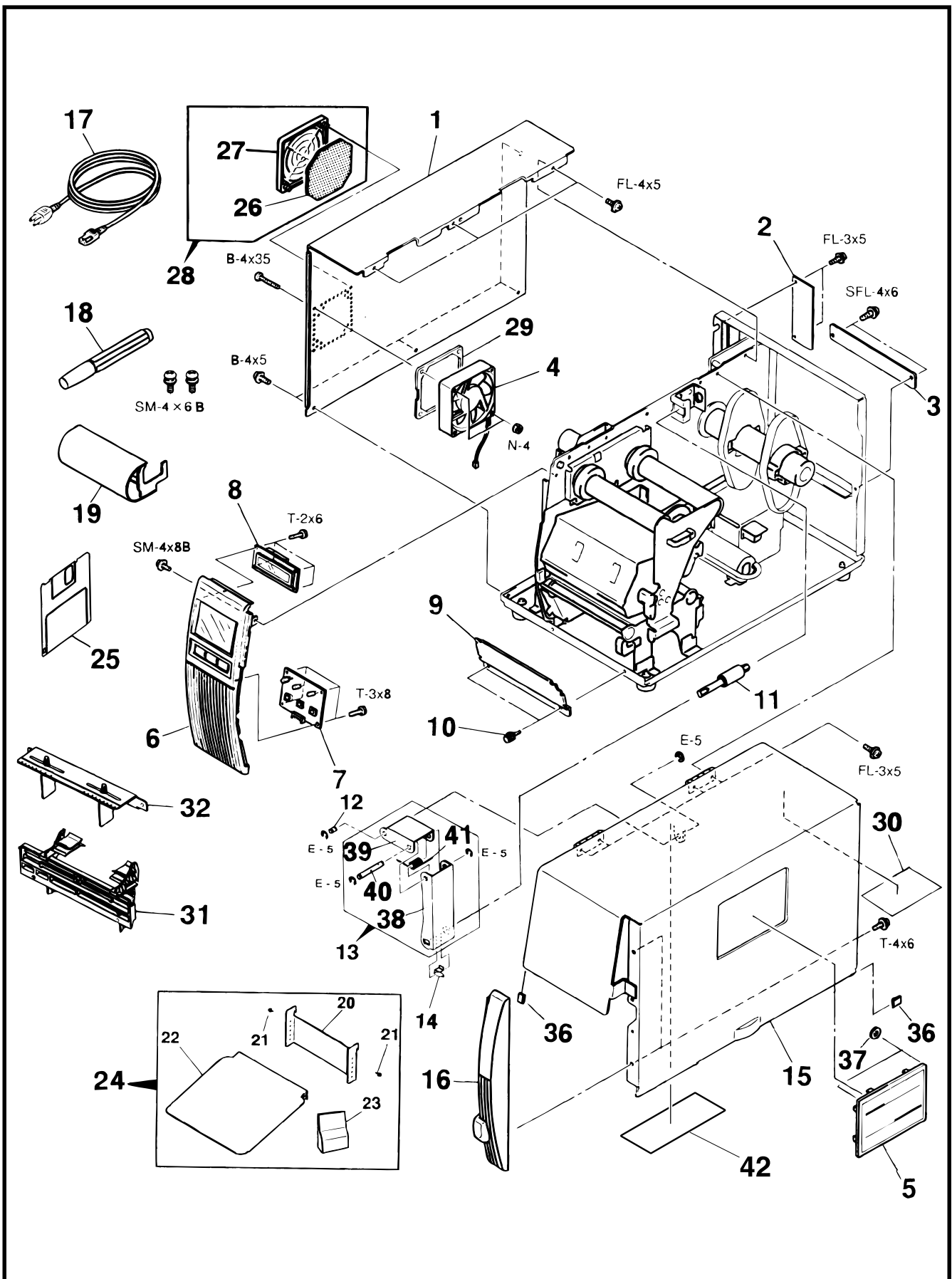
- 7) Parts with no reference numbers are irreplaceable and unauthorized as service parts.

- NOTES:**
1. The parts shown in this list may be modified by TOSHIBA TEC together with issuing the parts information, if necessary.
  2. The figures in this parts list are provided for reference and may be different from the actual parts in shape.
  3. Electronic parts with the same Ref. No. are interchangeable with each other unless their quantities are listed.
  4. For the underlined assembly parts, the components are available separately.

# BODY PARTS

EM8-33013A  
B-570 SERIES APR. '94  
(Revision Date: Feb. 10, 2000)

## 1 COVERS



1

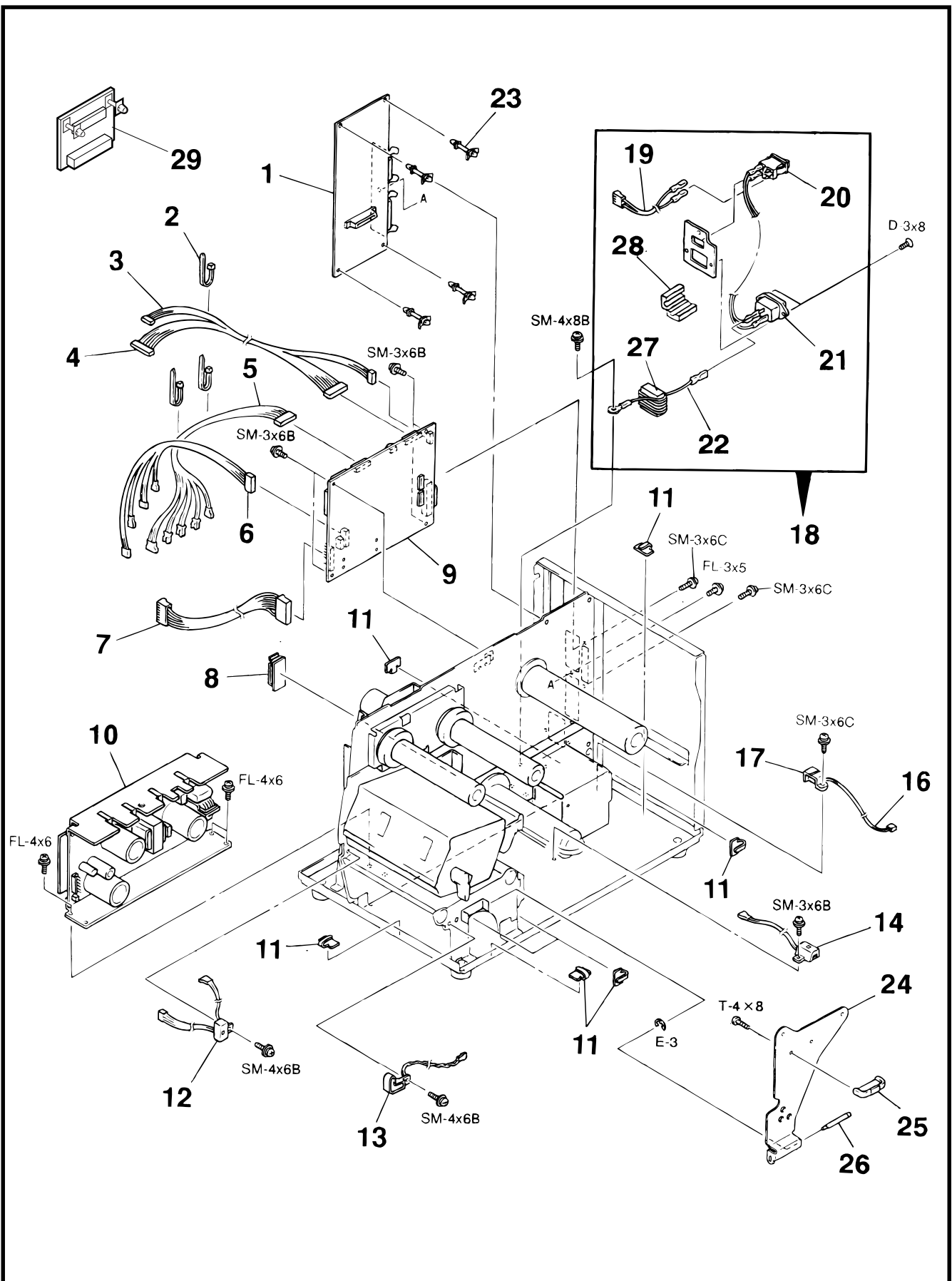
## COVERS 1/2

| Ref.No. | Part No.                                                                                                 | Description                                                   | Remarks                                                                        | *1          | *2 | *3 | *4 |
|---------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------|-------------|----|----|----|
| 1- 1    | <del>FMEE0009501</del><br><del>FMEE0009502</del><br>FMEE0009503                                          | Side Panel (L)                                                | Changed:11/2000                                                                | 1           |    |    |    |
| 1- 2    | FMEB0084901                                                                                              | Blind Plate                                                   |                                                                                | 1           |    |    |    |
| 1- 3    | FMEB0084601                                                                                              | Rear Cover C                                                  |                                                                                | 1           |    |    |    |
| 1- 4    | <del>FHQB0004801</del><br>7FM02476000                                                                    | FAN Motor                                                     | Changed:6/'06                                                                  | 1           | D  |    |    |
| 1- 5    | FMHD0008901                                                                                              | Supply Window                                                 |                                                                                | 1           |    |    |    |
| 1- 6    | FMCC0024402                                                                                              | Front Panel                                                   |                                                                                | 1           |    | A2 |    |
| 1- 7    | FMBB0032501                                                                                              | LED PC Board Ass'y                                            |                                                                                | 1           | E  |    |    |
| LD1,2   | <del>CBH-0162001</del><br>C0-12260000                                                                    | LED SLP-236B-81 (Green)                                       | Changed:9/'06                                                                  | 2           |    |    | R  |
| LD3     | <del>CBH-0161001</del><br>C0-12259000                                                                    | LED SLP-136B-81 (Red)                                         | Changed:9/'06                                                                  | 1           |    |    | R  |
| R1      | DBA-121JA2F<br>DBA-121JA2S                                                                               | Carbon RSTR. RD1/4SST26 120<br>Carbon RSTR. SRD1/41200HMJ 120 |                                                                                | 1           |    | A1 |    |
| SW1~3   | EBA-0040001                                                                                              | Key Switch SKHCAB                                             |                                                                                | 3           |    |    |    |
| CN1     | <del>EAA-2375001</del><br>E0-10729000                                                                    | CONN. S7B-PH-K-S<br>CONN. S7B-PH-K-S (LF) (SN)                | Changed:9/'06                                                                  | 1           |    |    | R  |
| 1- 8    | FMBB0029401                                                                                              | LCD                                                           |                                                                                | 1           | D  | ○  |    |
| 1- 9    | <del>FMEC0035701</del><br><del>FMEC0035702</del><br>FMEC0035703                                          | Front Plate                                                   | Changed:11/2000                                                                | 1           |    |    |    |
| 1-10    | HAA-0004001                                                                                              | Black Screw M-4x6                                             |                                                                                | 2           | A  |    |    |
| 1-11    | HZC-0024001                                                                                              | Damper TD16A1-25K-01                                          |                                                                                | 1           | C  | ○  |    |
| 1-12    | FMDB0069001                                                                                              | Damper Shaft S                                                |                                                                                | 1           |    |    |    |
| 1-13    | FMBB0050001                                                                                              | Damper Link Ass'y                                             |                                                                                | 1           |    |    |    |
| 1-14    | FMEB0111601                                                                                              | Damper Support                                                |                                                                                | 1           |    |    |    |
| 1-15    | <del>FMCD0013101</del><br><del>FMCD0013103</del><br>FMCD0013104                                          | Top Cover                                                     | Changed:9/'99<br>Changed:11/2000                                               | 1           |    |    |    |
| 1-16    | FMHE0002902                                                                                              | Front Cover                                                   |                                                                                | 1           |    | A2 |    |
| 1-17    | <del>FBCB0030203</del><br><del>FBCB0030202</del><br>7FM02531000<br><del>EKA-0030001</del><br>EKA-0050001 | <del>Power Cord</del><br>Power Cord<br>Power Cord             | QQ<br>Deleted:9/'06<br>QQ Added:10/'98<br>Changed:9/'06<br>QP<br>Changed:2/'04 | 1<br>1<br>1 | D  | A1 |    |
| 1-18    | 24089500013                                                                                              | Print Head Cleaner                                            |                                                                                | 1           | A  |    |    |
| 1-19    | FMBD0034501                                                                                              | Rewinder Guide Plate                                          |                                                                                | 1           |    | A2 |    |
| 1-20    | FMEC0038801                                                                                              | Stacker Holder                                                | Service option                                                                 | 1           |    | A1 |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: RoHS

| Ref.No.         | Part No.                              | Description                     | Remarks                        | *1           | *2 | *3            | *4 |
|-----------------|---------------------------------------|---------------------------------|--------------------------------|--------------|----|---------------|----|
| 1-21            | 24741710304                           | White Screw M-3x4               | Service option                 | 2            | A  | A1            |    |
| 1-22            | FMEC0038701                           | Stacker                         | Service option                 | 1            |    | A1            |    |
| 1-23            | HP82B219520                           | Partition                       | Service option                 | 3            |    | A1            |    |
| 1-24            | <u>FMBC0037401</u>                    | Stacker Module                  | Service option                 | 1            |    | A1            |    |
| 1-25            | FMBC0036001                           | Program Down Load FDK           | Service part                   | 1            |    |               |    |
| 1-26            | FMQB0039501                           | Filter Pad                      | QP                             | 1            |    | A1            |    |
| 1-27            | FMHB0020801                           | Filter Retainer                 | QP                             | 1            |    | A1            |    |
| 1-28            | <u>FMBB0036801</u>                    | FAN Filter                      | QP                             | 1            |    | A1            |    |
| 1-29            | FMQB0039901                           | FAN Spacer                      |                                | 1            |    | A1            |    |
| 1-30            | <del>FMMC0014502</del><br>FMMC0023801 | Roll Loading Instructions Label | Changed:4/2000                 | 1            |    | A1            |    |
| 1-31            | <del>FMBD0025103</del><br>FMBD0025104 | Fanfold Paper Guide (Front)     | B-4905-FF-QM<br>Changed:3/2001 | 1            |    | A1            |    |
| 1-32            | -----                                 | Fanfold Paper Guide (Rear)      | B-4905-FF-QM                   | 1            |    | A1            |    |
| <del>1-33</del> | <del>FMMB0050601</del>                | <del>Caution Label A</del>      | Deleted:4/'98                  | <del>±</del> |    | <del>A1</del> |    |
| <del>1-34</del> | <del>FMMB0050701</del>                | <del>Caution Label B</del>      | Deleted:4/'98                  | <del>±</del> |    | <del>A1</del> |    |
| <del>1-35</del> | <del>FMMB0050801</del>                | <del>Caution Label C</del>      | Deleted:4/'98                  | <del>±</del> |    | <del>A1</del> |    |
| 1-36            | <del>FMQB0045101</del><br>FMHB0031901 | Top Cover Edge Guard            | Changed:7/'98                  | 2            |    | A1            |    |
| 1-37            | JFQB0015001                           | Flat Push Nut                   |                                | 2            |    |               |    |
| 1-38            | FMEB0111401                           | Damper Link L                   |                                | 1            |    |               |    |
| 1-39            | FMEB0111501                           | Damper Link S                   |                                | 1            |    |               |    |
| 1-40            | FMDB0068901                           | Damper Shaft L                  |                                | 1            |    |               |    |
| 1-41            | FMQB0058201                           | Damper Spring                   |                                | 1            |    |               |    |
| 1-42            | FMMC0020201                           | Caution Label ABC               | Added:4/'98                    | 1            |    |               |    |
| 1-43            | FMMC0024101                           | Supply Set Label                | Added:4/2000                   | 1            |    |               |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: RoHS



2

**PC BOARD BLOCK 1/2**

| Ref.No. | Part No.                              | Description                                                                                      | Remarks              | *1 | *2 | *3 | *4 |
|---------|---------------------------------------|--------------------------------------------------------------------------------------------------|----------------------|----|----|----|----|
| 2- 1    | -----                                 | I/F PC Board Ass'y<br>(Service No. B-198-02)                                                     |                      | 1  | E  |    |    |
| 2- 2    | 24081600000                           | Cable Band ALT096S TC-100                                                                        |                      | 3  |    |    |    |
|         | F0-01277000                           | Cable Band CV-100                                                                                | Added:11/'03         |    |    |    |    |
| 2- 3    | FMCB0056102                           | LED Harness                                                                                      |                      | 1  | E  | A2 |    |
| 2- 4    | FMCB0056202                           | LCD Harness                                                                                      |                      | 1  | E  | A2 |    |
| 2- 5    | FMCC0023202                           | Sensor Harness                                                                                   |                      | 1  | E  | A2 |    |
| 2- 6    | <del>FMCC0023303</del><br>FMCC0023304 | DC Motor Harness                                                                                 | Changed:9/'98        | 1  | E  | A2 |    |
| 2- 7    | FMCB0056502                           | PS Harness                                                                                       |                      | 1  | E  | A2 |    |
| 2- 8    | 24060200098                           | Clamp FCN-3010                                                                                   |                      | 1  |    |    |    |
| 2- 9    | <del>FMBC0036301</del>                | CPU PC Board Ass'y<br>( <del>Service No. B-197-21</del> )<br>( <del>Service No. B-197-31</del> ) | QP<br>Changed:10/'97 | 1  | E  |    |    |
|         | FMBC0084403                           | (Service No. B-303-03)                                                                           | Changed:3/2000       |    |    |    |    |
|         | <del>FMBC0036304</del>                | CPU PC Board Ass'y<br>( <del>Service No. B-197-24</del> )<br>( <del>Service No. B-197-34</del> ) | QQ<br>Changed:10/'97 | 1  | E  | A1 |    |
|         | FMBC0084404                           | (Service No. B-303-04)                                                                           | Changed:3/2000       |    |    |    |    |
| 2-10    | GDB-0087001                           | PS Unit                                                                                          | QQ                   | 1  | E  | A1 |    |
|         | GDB-0085001                           | PS Unit                                                                                          | QP                   | 1  | E  |    |    |
| 2-11    | 24088100910                           | Clamp K-103G                                                                                     |                      | 7  |    |    |    |
| 2-12    | FMBB0031301                           | Strip Sensor (TR)                                                                                |                      | 1  | B  |    |    |
| 2-13    | FMBB0029101                           | Strip Sensor (LED)                                                                               |                      | 1  | B  |    |    |
| 2-14    | FMBB0031501                           | Rewind Full Sensor (LED)                                                                         |                      | 1  | B  |    |    |
| 2-15    | FDB-0103001                           | Locking Support EMS-14S                                                                          |                      | 1  |    | A2 |    |
| 2-16    | FMBB0029301                           | TH Sensor                                                                                        |                      | 1  | B  |    |    |
| 2-17    | EAHB0000201                           | Sensor Holder                                                                                    |                      | 1  |    |    |    |
| 2-18    | <del>FMBB0027901</del>                | Inlet Ass'y                                                                                      | QP                   | 1  |    |    |    |
|         | <del>FMBB0027902</del>                | Inlet Ass'y                                                                                      | QQ                   | 1  |    | A2 |    |
| 2-19    | FMCB0058702                           | Power Switch Harness                                                                             | QP                   | 1  | E  | A2 |    |
|         | FMCB0058703                           | Power Switch Harness                                                                             | QQ                   | 1  | E  |    |    |
| 2-20    | <del>EBE-0054001</del><br>E0-01391000 | Power Switch JWZ2120-1603                                                                        | Changed:6/'06        | 1  |    |    |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

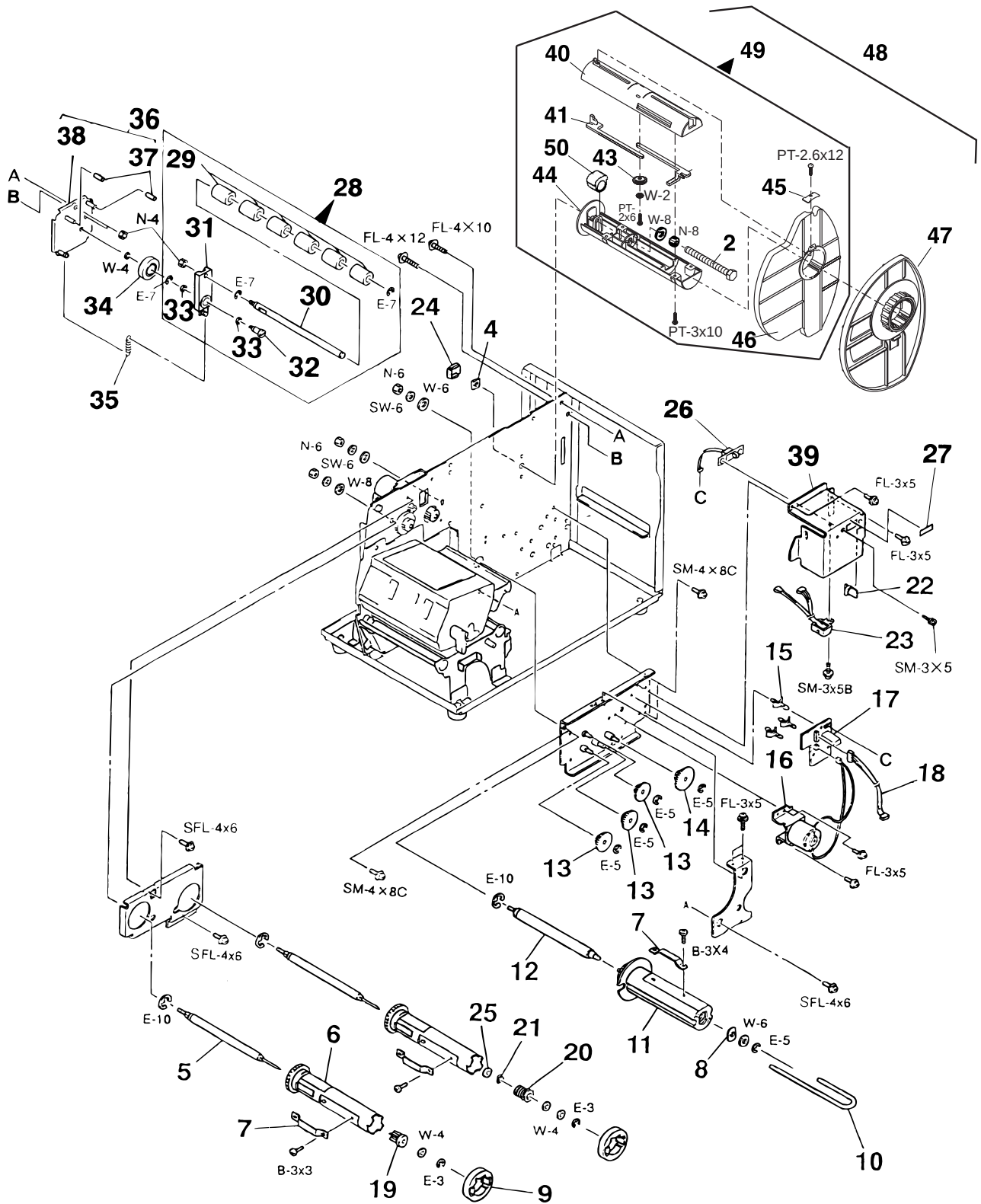


## 2 PC BOARD BLOCK 2/2

EM8-33013A  
B-570 SERIES APR. '94  
(Revision Date: Jun. 28, 2006)

| Ref.No. | Part No.                              | Description                                                 | Remarks                      | *1 | *2 | *3 | *4 |
|---------|---------------------------------------|-------------------------------------------------------------|------------------------------|----|----|----|----|
| 2-21    | <del>EAG-0012001</del><br>E0-11056000 | <del>Inlet AP-300-3B2 (V)</del><br>Inlet AP-300-2B2NI(V)BLK | Changed:6/'06                | 1  | D  |    |    |
| 2-22    | FMCB0058502                           | Earth Harness                                               |                              | 1  | E  | A2 |    |
| 2-23    | FDB-0107001                           | Locking Support LCBT-14S                                    |                              | 4  |    | A1 |    |
|         | FDB-0056004                           | Locking Support KGLS-14S                                    |                              |    |    |    |    |
| 2-24    | FMCB0062402                           | Ribbon Shaft Holder Plate                                   |                              | 1  |    | A1 |    |
| 2-25    | FMHC0009501                           | Ribbon Holder Knob                                          |                              | 1  |    | A1 |    |
| 2-26    | FMDB0056501                           | Holder Plate Shaft                                          |                              | 1  |    | A1 |    |
| 2-27    | <del>24320600070</del><br>D0-04264000 | Ferrite Core ESD-R-25B                                      | Changed:6/'06                | 1  |    | A1 |    |
| 2-28    | <del>DDA-0123001</del><br>D0-04584000 | Ferrite Core SFC-5                                          | QQ<br>Changed:6/'06          | 1  |    | A1 |    |
| 2-29    | FMBC0067801                           | 8PRAM PC Board Ass'y<br>(SERV No. B-249-01)                 | Service part<br>Added:3/2000 | 1  |    |    |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts



**NOTE:** You cannot purchase the parts without number in the above illustration.

**3****TAKE-UP BLOCK 1/2**

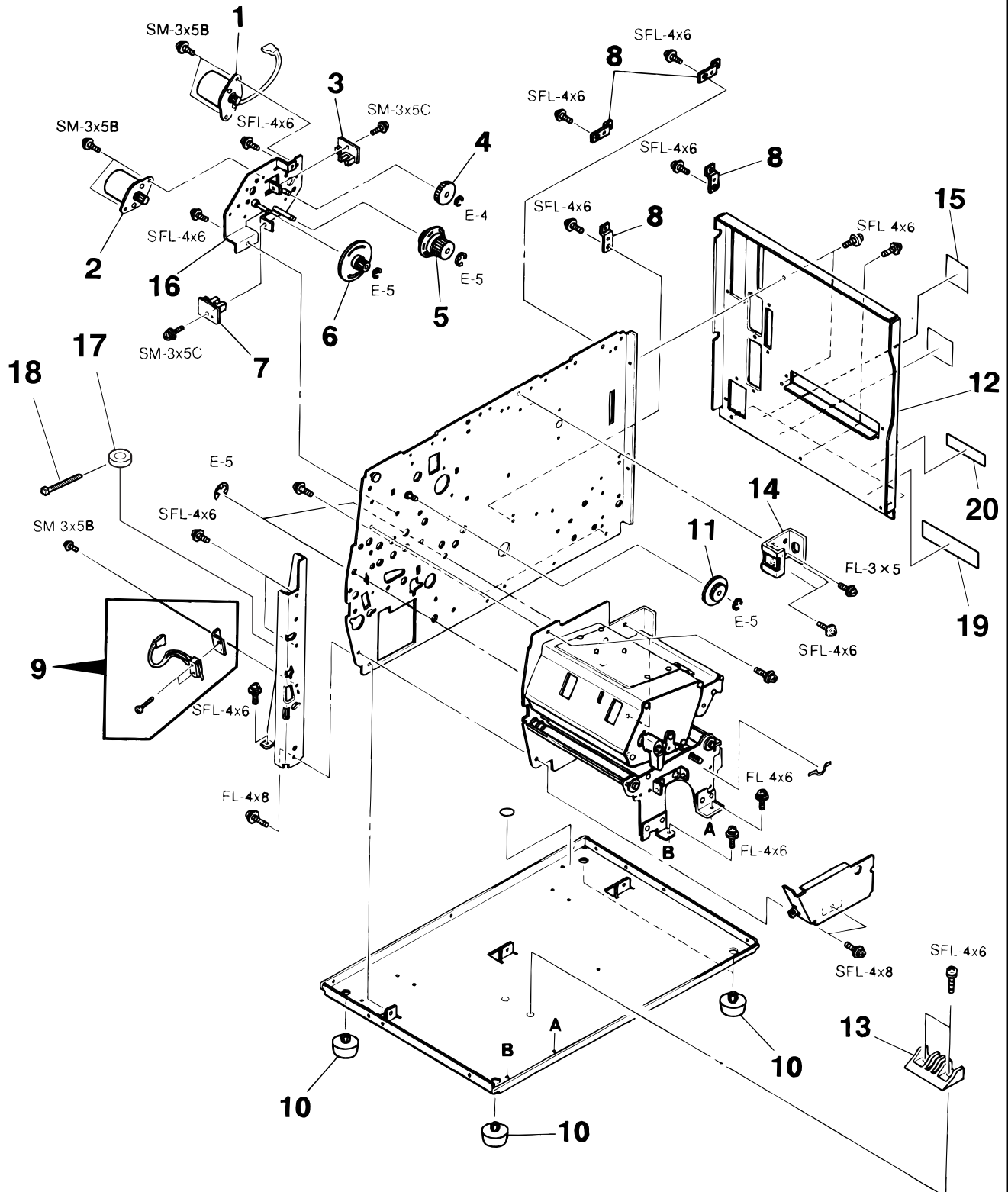
| Ref.No.        | Part No.                                         | Description                                        | Remarks                                                                   | *1           | *2           | *3 | *4 |
|----------------|--------------------------------------------------|----------------------------------------------------|---------------------------------------------------------------------------|--------------|--------------|----|----|
| <del>3-1</del> | <del>FMHD0005601</del><br><del>FMBC0080501</del> | <del>Supply Shaft</del>                            | <del>Changed:6/'99</del><br><del>Discontinued:</del><br><del>4/2000</del> | <del>1</del> |              |    |    |
| 3- 2           | 24A300108A0<br>X20K0880130                       | <del>Hex. Bolt H-8x100</del><br>Hex. Bolt H-8x80   | Changed:4/2000                                                            | 1            |              |    |    |
| <del>3-3</del> | <del>FMHD0005503</del><br><del>FMHD0005504</del> | <del>Supply Holder</del>                           | <del>Changed:6/'99</del><br><del>Discontinued:</del><br><del>4/2000</del> | <del>2</del> | <del>E</del> |    |    |
| 3- 4           | 24A45310080                                      | Plate Nut                                          |                                                                           | 1            |              |    |    |
| 3- 5           | FMDC0005701                                      | Ribbon Shaft                                       |                                                                           | 2            |              |    |    |
| 3- 6           | FMCB0060501                                      | Ribbon Holder                                      |                                                                           | 2            |              |    |    |
| 3- 7           | FMQB0036201                                      | Holder Stopper                                     |                                                                           | 3            |              | A2 |    |
| 3- 8           | FMEB0084501                                      | Ribbon Shaft Stopper                               |                                                                           | 1            |              |    |    |
| 3- 9           | FMHC0008801                                      | Ribbon Stopper                                     |                                                                           | 2            |              |    |    |
| 3-10           | FMDC0005901                                      | Take-up Clip                                       |                                                                           | 1            |              |    |    |
| 3-11           | FMCB0060601                                      | Take-up Holder                                     |                                                                           | 1            |              |    |    |
| 3-12           | FMDC0005601                                      | Take-up Shaft                                      |                                                                           | 1            |              |    |    |
| 3-13           | FMHB0019701                                      | Take-up Gear                                       |                                                                           | 3            | D            |    |    |
| 3-14           | FMHB0018201                                      | Idle Gear                                          |                                                                           | 1            | D            |    |    |
| 3-15           | FDB-0044001<br>FDB-0027001                       | Locking Support LCBT-3S<br>Locking Support KGLS-3S |                                                                           | 3            |              |    |    |
| 3-16           | FMBB0030601                                      | Take-up Motor                                      |                                                                           | 1            | E            |    |    |
| 3-17           | FMBC0047101                                      | PWM2 PC Board Ass'y<br>(Service No. B-236-01)      |                                                                           | 1            | E            | A2 |    |
| 3-18           | FMCB0056602                                      | Take-up/Cutter Harness                             |                                                                           | 1            | E            | A2 |    |
| 3-19           | FMHB0020401                                      | Dummy Spacer                                       |                                                                           | 1            |              |    |    |
| 3-20           | FMBC0035901                                      | Ribbon Back Tension Block                          |                                                                           | 1            | A            |    |    |
| 3-21           | FMEB0090701                                      | Back Tension Stopper                               |                                                                           | 1            |              |    |    |
| 3-22           | 24088100910                                      | Clamp K-103G                                       |                                                                           | 1            |              |    |    |
| 3-23           | FMBB0031401                                      | Rewind Full Sensor (TR)                            |                                                                           | 1            | B            |    |    |
| 3-24           | FMHB0020501                                      | Nut Cap                                            |                                                                           | 1            |              |    |    |
| 3-25           | FMQB0037201                                      | Ribbon Back Tension Washer                         |                                                                           | 1            |              |    |    |
| 3-26           | FMBB0041101                                      | Holder Switch Ass'y                                |                                                                           | 1            |              | A1 |    |
| 3-27           | FMMB0044201                                      | Selection Switch Label                             |                                                                           | 1            |              | A1 |    |
| 3-28           | FMBC0048801                                      | Damper Arm Ass'y                                   |                                                                           | 1            |              | A1 |    |
| 3-29           | FMHB0021701                                      | Damper Roller                                      |                                                                           | 6            |              | A1 |    |
| 3-30           | FMDB0062201                                      | Damper Shaft                                       |                                                                           | 1            |              | A1 |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

**3****TAKE-UP BLOCK 2/2**

| Ref.No. | Part No.                              | Description                    | Remarks                        | *1 | *2 | *3 | *4 |
|---------|---------------------------------------|--------------------------------|--------------------------------|----|----|----|----|
| 3-31    | FMCB0075101                           | Damper Arm Sub Ass'y           |                                | 1  |    | A1 |    |
| 3-32    | FMDB0062301                           | Arm Shaft                      |                                | 1  |    | A1 |    |
| 3-33    | FMEB0092601                           | Damper Washer                  |                                | 2  |    | A1 |    |
| 3-34    | FMHB0021601                           | Damper Spacer                  |                                | 1  |    | A1 |    |
| 3-35    | FMQB0045501                           | Damper Spring                  |                                | 1  |    | A1 |    |
| 3-36    | FMBC0048701                           | Damper Arm Stopper Plate Ass'y |                                | 1  |    | A1 |    |
| 3-37    | FMQB0045601                           | Damper Stopper Rubber          |                                | 2  |    | A1 |    |
| 3-38    | FMCC0030401                           | Damper Arm Stopper             |                                | 1  |    | A1 |    |
| 3-39    | FMEC0036601                           | Motor Cover B                  |                                | 1  |    |    |    |
| 3-40    | FMHD0011801                           | Supply Core A                  | Added:4/2000                   | 1  |    |    |    |
| 3-41    | FMHC0022801                           | Supply Rack Gear L             | Added:4/2000                   | 1  |    |    |    |
| 3-42    | <del>FMHC0022901</del><br>FMHC0022902 | Supply Rack Gear R             | Added:4/2000<br>Changed:8/2000 | 1  |    |    |    |
| 3-43    | FMHB0031501                           | Supply Gear                    | Added:4/2000                   | 1  |    |    |    |
| 3-44    | FMHE0009601                           | Supply Core B                  | Added:4/2000                   | 1  |    |    |    |
| 3-45    | FMEB0127401                           | Holder Lock Plate              | Added:4/2000                   | 1  |    |    |    |
| 3-46    | FMHE0009801                           | Supply Holder L                | Added:4/2000                   | 1  |    |    |    |
| 3-47    | FMBC0085001                           | Supply Holder R Ass'y          | Added:4/2000                   | 1  |    |    |    |
| 3-48    | FMBD0041201                           | Supply Holder Ass'y            | Added:4/2000                   | 1  |    |    |    |
| 3-49    | FMBD0041202                           | Supply Holder Sub Ass'y        | Service Parts<br>Added:4/2000  | 1  |    |    |    |
| 3-50    | FMHB0033501                           | Supply Core Spacer             | Added:7/2000                   | 1  |    |    | 0  |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts



## 4

## RIBBON DRIVE BLOCK

| Ref.No. | Part No.                              | Description                                             | Remarks        | *1 | *2 | *3 | *4 |
|---------|---------------------------------------|---------------------------------------------------------|----------------|----|----|----|----|
| 4- 1    | FMBB0030502                           | Ribbon Motor (Feed)<br>[CONN. color: Red]               |                | 1  | E  |    |    |
| 4- 2    | FMBB0030501                           | Ribbon Motor (Rewind)<br>[CONN. color: Black]           |                | 1  | E  |    |    |
| 4- 3    | <del>FMBB0028402</del><br>FMBB0024804 | Slit Sensor (Rewind)                                    | Changed:7/'03  | 1  | B  |    |    |
| PC1     | <del>DED-0049001</del><br>DED-0093001 | <del>Photo Coupler TLP826</del><br>Photo Coupler TLP832 | Changed:7/'03  | 1  |    |    |    |
| CN1     | EAA-0585001                           | CONN. 53015-0311 Black                                  |                | 1  |    |    |    |
| 4- 4    | FMHB0018301                           | Idle Gear                                               |                | 1  | D  |    |    |
| 4- 5    | FMHC0008501                           | Feed Slit Gear                                          |                | 1  | D  |    |    |
| 4- 6    | FMHC0008201                           | Rewind Slit Gear                                        |                | 1  | D  |    |    |
| 4- 7    | <del>FMBB0028401</del><br>FMBB0028403 | Slit Sensor (Feed)                                      | Changed:7/'03  | 1  | B  |    |    |
| PC1     | <del>DED-0049001</del><br>DED-0093001 | <del>Photo Coupler TLP826</del><br>Photo Coupler TLP832 | Changed:7/'03  | 1  |    |    |    |
| CN1     | 24420201450                           | CONN. 53015-0310                                        |                | 1  |    |    |    |
| 4- 8    | FMEB0085101                           | PCB Attached Plate                                      |                | 4  |    |    |    |
| 4- 9    | FMBB0030901                           | Head Up Switch                                          |                | 1  | E  |    |    |
| 4-10    | 24089157031                           | Plastic Foot 1325                                       |                | 4  |    |    |    |
| 4-11    | FMHB0018201                           | Idle Gear                                               |                | 1  | D  |    |    |
| 4-12    | FMEE0009401                           | Rear Cover                                              |                | 1  |    |    |    |
| 4-13    | FMHB0021801                           | Rewinder Paper Guide                                    |                | 1  |    |    |    |
| 4-14    | FMEB0087801                           | Damper Bracket                                          |                | 1  |    | A1 |    |
| 4-15    | FMMB0045801                           | DOC Label                                               |                | 1  |    | A1 |    |
| 4-16    | FMCC0024001                           | Ribbon Motor Attach Plate                               |                | 1  |    | A1 |    |
| 4-17    | DDA-0122001                           | Ferrite Core TFC-23-11-14                               |                | 1  |    |    |    |
| 4-18    | 24081600000<br>F0-01277000            | Cable Band ALT096S TC-100<br>Cable Band CV-100          | Added:11/'03   | 1  |    |    |    |
| 4-19    | FMMB0062701                           | Caution Label D                                         | QQ Added:4/'98 | 1  |    |    | 0  |
| 4-20    | FMMB0062801                           | Number Label                                            | QQ Added:4/'98 | 1  |    |    | 0  |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

This exploded view diagram illustrates the assembly of a mechanical device, likely a control panel or a small machine. The components are numbered 1 through 48, and various fasteners and sub-assemblies are labeled with part numbers and dimensions.

**Key Components and Labels:**

- Fasteners and Hardware:** B-4x12, P-3x8, FL-4x8, SM-4x8B, SM-4x8, SMW-3x8, SMW-3x6, T-4x8, E-5, E-3, E-4, W-8, W-5, W-4, W-3, W-2, W-1, W-0, W-9, W-10, W-11, W-12, W-13, W-14, W-15, W-16, W-17, W-18, W-19, W-20, W-21, W-22, W-23, W-24, W-25, W-26, W-27, W-28, W-29, W-30, W-31, W-32, W-33, W-34, W-35, W-36, W-37, W-38, W-39, W-40, W-41, W-42, W-43, W-44, W-45, W-46, W-47, W-48.
- Structural Parts:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48.
- Sub-assemblies:** 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

The diagram shows the assembly sequence from the base plate (1) and front panel (2) through various internal components like the motor (4), control unit (19), and wiring harness (20) to the final assembly (48).

**5****PRINTER BLOCK 1/2**

| Ref.No. | Part No.               | Description                                  | Remarks       | *1 | *2 | *3 | *4 |
|---------|------------------------|----------------------------------------------|---------------|----|----|----|----|
| 5- 1    | FMBB0031101            | Pinch Roller Shaft                           |               | 1  |    |    |    |
| 5- 2    | FCA-0072001            | Timing Belt 40S3M300                         |               | 1  | B  |    |    |
| 5- 3    | FMHB0017801            | Pinch Roller Gear B                          |               | 1  |    |    |    |
| 5- 4    | <del>FMBB0035201</del> | <del>Stepping Motor (SPH-54AB135)</del>      |               | 1  | E  | A2 |    |
|         | FMBB0035202            | Stepping Motor (STH-55D332-01)               | Changed:7/'99 |    |    |    |    |
| 5- 5    | FMEB0086902            | Motor Bracket                                |               | 1  |    |    |    |
| 5- 6    | FMDB0054902            | Idle Roller                                  | See NOTE 1    | 1  |    | A2 |    |
| 5- 7    | FMQB0034501            | Head Up Spring                               |               | 1  |    |    |    |
| 5- 8    | <del>FMBB0050101</del> | <del>Print Head</del>                        |               | 1  | A  |    | ○  |
|         | FMBB0050103            |                                              | Changed:6/'99 |    |    |    |    |
| 5- 9    | <del>FMBD0025103</del> | <del>Paper Guide Ass'y</del>                 |               | 1  |    |    |    |
|         | FMBD0025104            |                                              | Changed:6/'04 |    |    |    |    |
| 5-10    | FMGB0000401            | Strip Shaft                                  |               | 1  |    |    |    |
| 5-11    | FMBB0030701            | Platen                                       |               | 1  | B  |    |    |
| 5-12    | FMBB0030702            | Feed Roller                                  |               | 1  | B  |    |    |
| 5-13    | FMHB0018101            | Knob                                         |               | 1  |    |    |    |
| 5-14    | FCA-0076001            | Timing Belt 60S2M190                         |               | 1  | B  |    |    |
| 5-15    | FCA-0075001            | Timing Belt 60S2M200                         |               | 1  | B  |    |    |
| 5-16    | <del>FAA-0056001</del> | <del>Holder LNR-1680HHR</del>                |               | 4  | B  |    |    |
|         | F0-01326000            | Shaft Holder LNR-1680HHR                     | Changed:7/'04 |    |    |    |    |
| 5-17    | FMBC0034302            | Paper Sensor Ass'y                           |               | 1  | B  |    |    |
| 5-18    | FMHB0020601            | Head Lever                                   |               | 1  |    |    |    |
| 5-19    | FMBC0034401            | Head Cam Shaft Ass'y                         |               | 1  |    |    |    |
| 5-20    | FMBB0032401            | Ribbon End Sensor (TR)                       |               | 1  | B  |    |    |
| 5-21    | FMBB0032301            | Ribbon End Sensor (LED)                      |               | 1  | B  |    |    |
| 5-22    | FMCB0056702            | Solenoid Harness                             |               | 1  | E  | A2 |    |
| 5-23    | <del>FMBB0032101</del> | <del>Solenoid</del>                          |               | 1  | D  |    |    |
|         | FMBB0032106            |                                              | Changed:8/'05 |    |    |    | R  |
| 5-24    | FMBB0029601            | RSV PC Board Ass'y<br>(Service No. B-200-01) |               | 1  | E  |    |    |
| Q1      | CBA-0327001            | PNP XISTOR. 2SB1268                          |               | 1  |    |    |    |
| R1      | DBA-103JA2F            | Carbon RSTR. RD1/4SSTJ 10K $\Omega$          |               | 1  |    |    |    |
|         | DBA-103JA2S            | Carbon RSTR. SRD1/4S10K0HMJ                  |               |    |    | A1 |    |
| F1      | EHA-0076007            | Fuse CCV-1AF12.5 1A                          |               | 1  | D  |    |    |
| D1,2    | 2421BAM01Z0            | Diode AM01Z                                  |               | 2  |    |    |    |
| CN1     | EAA-1178001            | CONN. 53014-0310                             |               | 1  |    |    |    |
| CN2     | EAA-0589001            | CONN. 53014-0213                             |               | 1  |    |    |    |
| 5-25    | FMQB0034301            | Pinch Roller                                 |               | 1  | B  |    |    |
| 5-26    | HDA-0033001            | Shaft Holder B-F4-73                         |               | 2  | B  |    |    |
| 5-27    | FMCB0065301            | Spring Plate                                 |               | 1  |    | A2 |    |

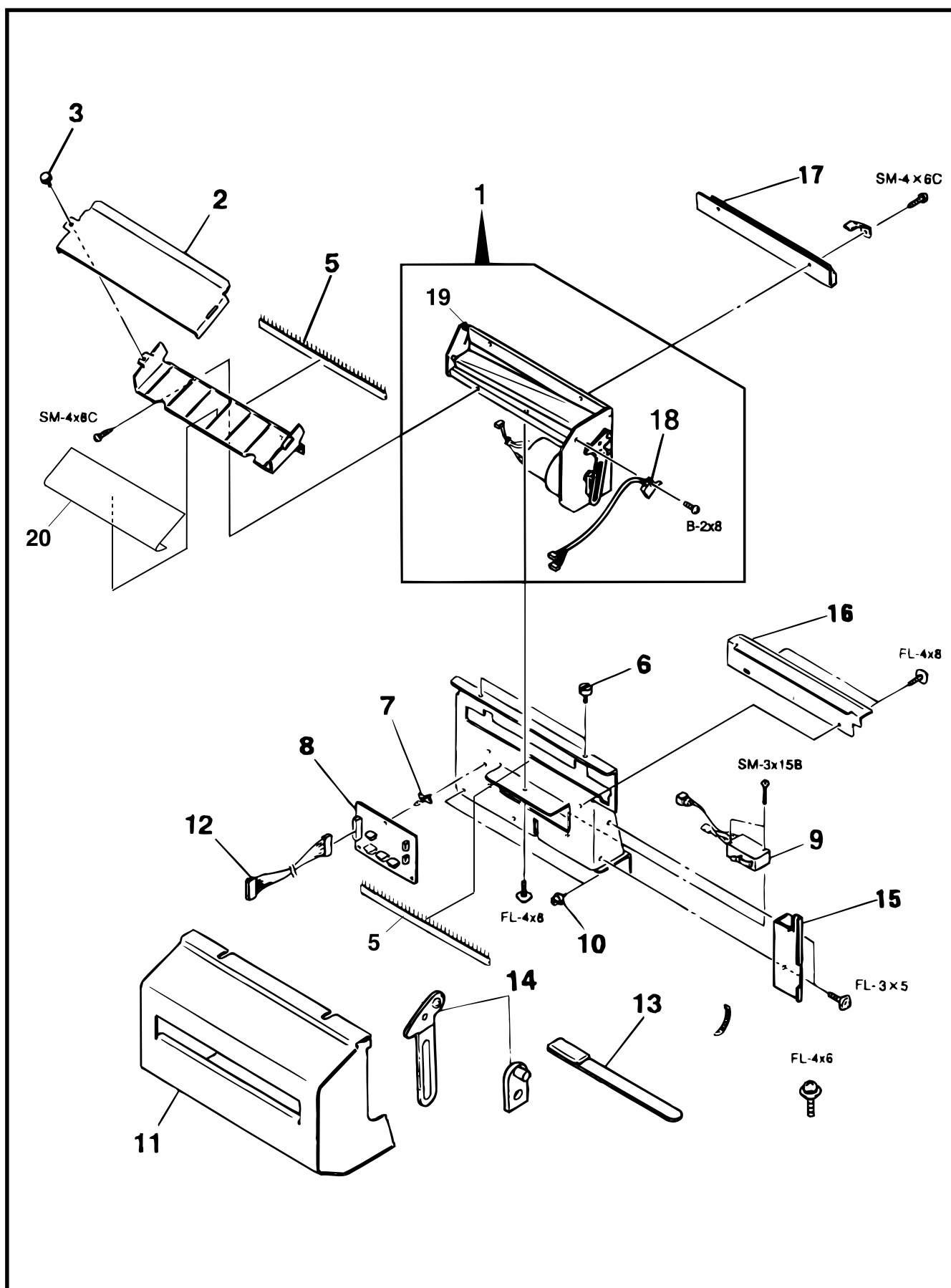
\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts



**NOTE 1:** Attach the idle roller so that the side grooved deeper faces the E-4 E-ring.

## 6 CUTTER MODULE (B-4205-QM)

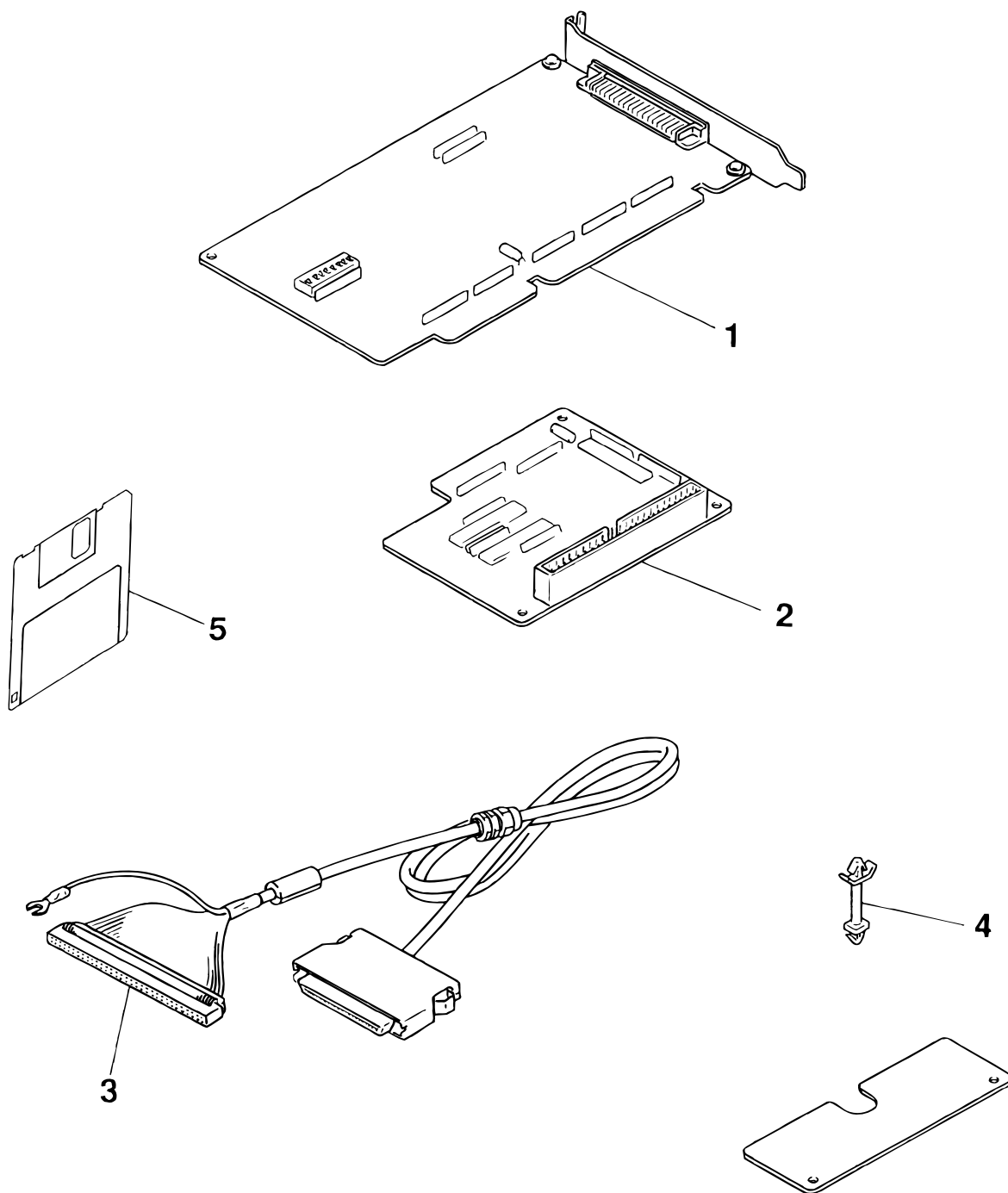
EM8-33013A  
B-570 SERIES APR. '94  
(Revision Date: Apr. 4, 2001)



| Ref.No. | Part No.                              | Description                                      | Remarks                     | *1     | *2 | *3 | *4 |
|---------|---------------------------------------|--------------------------------------------------|-----------------------------|--------|----|----|----|
| 6- 1    | <del>GFM-0060001</del><br>G0-00411000 | Cutter Unit                                      | Changed:8/'06               | 1      | E  |    |    |
| 6- 2    | FMBC0037301                           | Media Guide B                                    |                             | 1      |    |    |    |
| 6- 3    | 24741710304                           | White Screw M-3x4                                |                             | 1      | A  |    |    |
| 6- 4    | FMCC0025401                           | Media Guide A                                    |                             | 1      |    |    |    |
| 6- 5    | FMQB0038201                           | Brush 128mm                                      | Added:4/2001                | 1<br>2 |    |    |    |
| 6- 6    | HDA-0038001                           | Cover Holding Screw                              |                             | 2      | A  |    |    |
| 6- 7    | FDB-0044001                           | Locking Support LCBT-3S                          |                             | 3      |    |    |    |
| 6- 8    | FMBB0034301                           | CUT I/F PC Board Ass'y<br>(Service No. B-199-01) |                             | 1      | E  |    |    |
| 6- 9    | FMBB0034401                           | Cover Open Switch                                |                             | 1      | E  |    |    |
| 6-10    | FMDB0056601                           | Cutter Attaching Screw                           |                             | 2      | A  |    |    |
| 6-11    | FMBC0037001                           | Cutter Cover                                     |                             | 1      |    |    |    |
| 6-12    | FMCB0056602                           | Take-up/Cutter Harness                           |                             | 1      | E  | A2 |    |
| 6-13    | FMQB0051601                           | Cleaner                                          |                             | 1      | A  |    |    |
| 6-14    | ZBA-1464001                           | Arm and clutch Kit                               | Service Part                |        |    |    |    |
| 6-15    | FMEB0091701                           | Cutter Link Cover                                |                             | 1      |    |    |    |
| 6-16    | FMEC0038301                           | Cutter Guide Plate B                             |                             | 1      |    |    |    |
| 6-17    | FMEC0038201                           | Cutter Guide Plate A                             |                             | 1      |    |    |    |
| 6-18    | ZBA-2095001                           | Cutter Micro Switch Ass'y                        |                             | 1      |    |    |    |
| 6-19    | FMYB0001301                           | Cutter Spring                                    | Service Part<br>Added:9/'99 | 1      |    |    |    |
| 6-20    | FMQB0046801                           | Cutter Guide Sheet                               | Added:4/2001                | 1      |    |    |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

**7 HIGH SPEED PC INTERFACE BOARD (B-4800-PC-QM)**



## HIGH SPEED PC INTERFACE BOARD (B-4800-PC-QM)

EM8-33013A  
B-570 SERIES APR. '94  
(Revision Date: May 09 '97)

| Ref.No. | Part No.    | Description                                  | Remarks | *1 | *2 | *3 | *4 |
|---------|-------------|----------------------------------------------|---------|----|----|----|----|
| 7- 1    | -----       | BPC PC Board Ass'y<br>(Service No. B-203-01) |         | 1  | E  |    |    |
| 7- 2    | -----       | BPE PC Board Ass'y<br>(Service No. B-202-01) |         | 1  | E  |    |    |
| 7- 3    | FMCB0064001 | Printer Cable                                |         | 1  | E  |    |    |
| 7- 4    | FDB-0103001 | Locking Support EMS-14S                      |         | 2  |    |    |    |
| 7- 5    | FMBC0037503 | Printer Driver FDK                           |         | 1  |    |    |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

| Ref.No.   | Part No.    | Description                           | Remarks                     | *1 | *2 | *3 | *4 |
|-----------|-------------|---------------------------------------|-----------------------------|----|----|----|----|
| SM-3x5B   | 24BB0010305 | Sems Screw SM-3x5B                    |                             |    |    |    |    |
| SM-3x5C   | 24BP0010305 | Sems Screw SM-3x5C                    |                             |    |    |    |    |
| SM-3x6B   | 24BB0010306 | Sems Screw SM-3x6B                    |                             |    |    |    |    |
| SM-3x6C   | 24BP0010306 | Sems Screw SM-3x6C                    |                             |    |    |    |    |
| SM-3x15B  | 24BB0010315 | Sems Screw SM-3x15B                   |                             |    |    | A1 |    |
| SM-4x6B   | 24BB0010406 | Sems Screw SM-4x6B                    |                             |    |    |    |    |
| SM-4x6C   | 24BP0010406 | Sems Screw SM-4x6C                    |                             |    |    | A1 |    |
| SM-4x8B   | 24BB0010408 | Sems Screw SM-4x8B                    |                             |    |    |    |    |
| SM-4x8C   | 24BP0010408 | Sems Screw SM-4x8C                    |                             |    |    | A1 |    |
| SMW-3x6   | X0-00055000 | Double Sems Screw M-3x6               | Small washer<br>Added:6/'04 |    |    |    |    |
| SMW-3x8   | X0-00072000 | Double Sems Screw M-3x8               | Small washer<br>Added:6'04  |    |    |    |    |
| FL-3x5    | 24B50010305 | Flanged Screw FL-3x5                  |                             |    |    |    |    |
| FL-4x5    | 24B50010405 | Flanged Screw FL-4x5                  |                             |    |    |    |    |
| FL-4x6    | 24B50010406 | Flanged Screw FL-4x6                  |                             |    |    |    |    |
| FL-4x8    | 24B50010408 | Flanged Screw FL-4x8                  |                             |    |    |    |    |
| SFL-4x6   | 24A16710406 | S Tite Flanged Screw SFL-4x6          |                             |    |    | A1 |    |
| SFL-4x8   | 24A16710408 | S Tite Flanged Screw SFL-4x8          |                             |    |    | A1 |    |
| B-2x8     | 24B05040208 | Bind Screw B-2X8                      |                             |    |    |    |    |
| B-3x3     | 24B05010303 | Bind Screw B-3x3                      |                             |    |    |    |    |
| B-3x4     | 24B05040304 | Bind Screw B-3x4                      |                             |    |    | A1 |    |
| B-4x5     | 24B05040405 | Bind Screw B-4x5                      |                             |    |    |    |    |
| B-4x12    | 24A10510412 | Bind Screw B-4x12                     | with Tapping                |    |    | A2 |    |
| B-4x35    | 24B05040435 | Bind Screw B-4x35                     |                             |    |    |    |    |
| T-2x6     | 24A17010206 | Tap Tight Screw T-2x6                 |                             |    |    |    |    |
| T-3x8     | 24A17010308 | Tap Tight Screw T-3x8                 |                             |    |    |    |    |
| T-4x6     | 24A17010406 | Tap Tight Screw T-4x6                 |                             |    |    |    |    |
| T-4x8     | 24A17040408 | Tap Tight Screw T-4x8                 |                             |    |    |    |    |
| P-3x8     | 24A10040308 | Pan Head Screw P-3x8                  |                             |    |    | A2 |    |
| P-4x8     | 24A10040408 | Pan Head Screw P-4x8                  |                             |    |    |    |    |
| PT-2x6    | X0610206133 | Pan Head Tap Tight Screw<br>PT-2x6    | Added:4/2000                |    |    |    |    |
| PT-2.6x12 | X0612F12133 | Pan Head Tap Tight Screw<br>PT-2.6x12 | Added:4/2000                |    |    |    |    |
| PT-3x10   | X0610310133 | Pan Head Tap Tight Screw<br>PT-3x10   | Added:4/2000                |    |    |    |    |
| D-3x8     | 24B01010308 | Dish Head Screw D-3x8                 |                             |    |    |    |    |
| E-3       | 24A64050030 | E-Ring E-3                            |                             |    |    |    |    |
| E-4       | 24A64050040 | E-Ring E-4                            |                             |    |    |    |    |
| E-5       | 24A64050050 | E-Ring E-5                            |                             |    |    |    |    |
| E-10      | 24A64050100 | E-Ring E-10                           |                             |    |    |    |    |

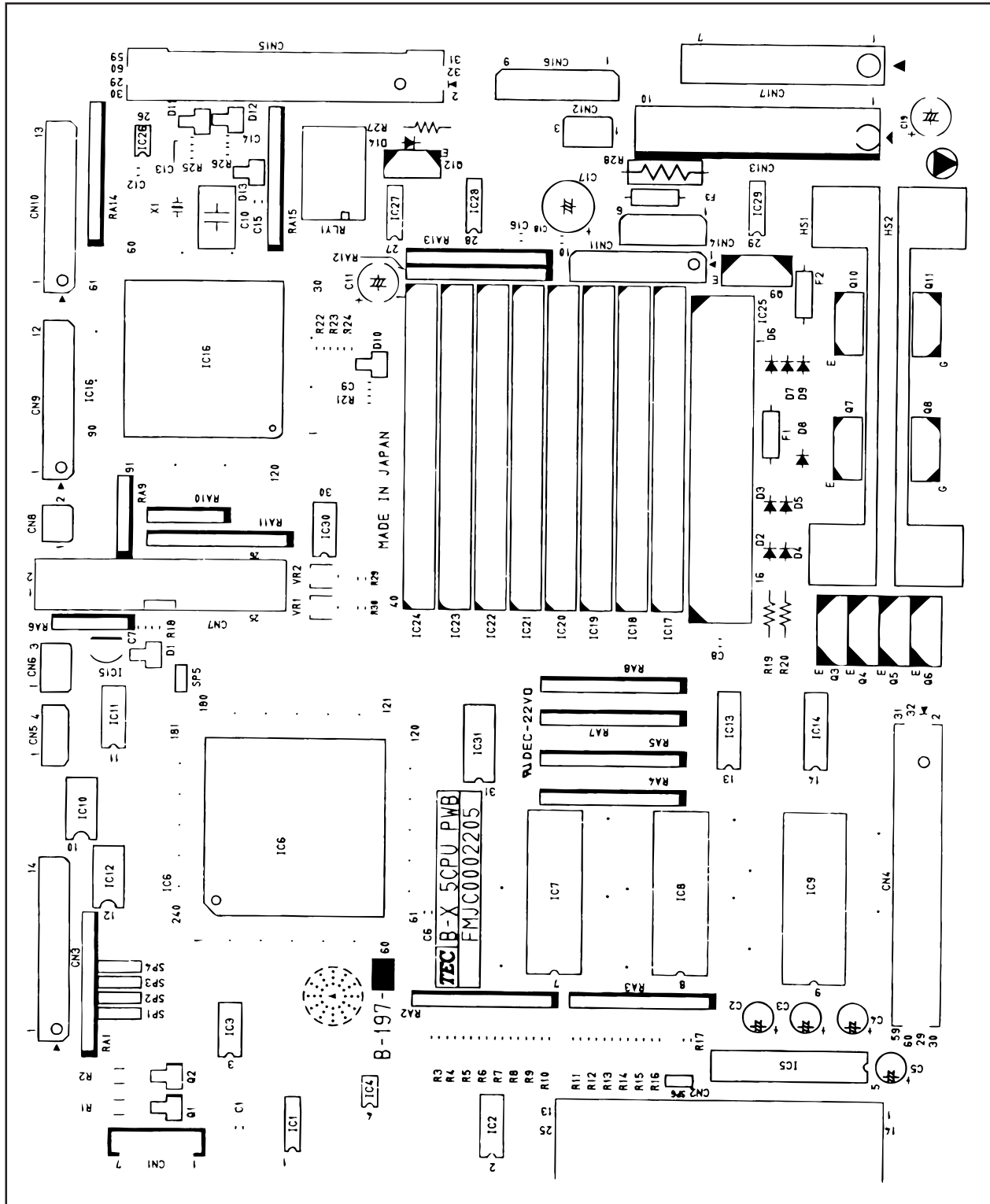
\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

| Ref.No. | Part No.               | Description        | Remarks        | *1 | *2 | *3 | *4 |
|---------|------------------------|--------------------|----------------|----|----|----|----|
| W-2     | X7170200130            | Washer W-2         | Added:4/2000   |    |    |    |    |
| W-4     | 24A62101040            | Washer W-4         |                |    |    |    |    |
| W-5     | 24A62101050            | Washer W-5         |                |    |    |    |    |
| W-6     | 24A62101060            | Washer W-6         | t=0.8          |    |    |    |    |
|         | 24A62001060            | Washer W-6         | t=1.0          |    |    |    |    |
| W-8     | 24A62101080            | Washer W-8         | t=0.8          |    |    |    |    |
|         | <del>24A62001080</del> | Washer W-8         | t=1.6          |    |    |    |    |
|         | X7170800130            |                    | Changed:7/2000 |    |    |    |    |
| SW-6    | 24A60001060            | Spring Washer SW-6 |                |    |    |    |    |
| N-4     | 24A40010400            | Nut N-4            |                |    |    |    |    |
| N-6     | 24A40010600            | Nut N-6            |                |    |    |    |    |
| N-8     | X5110800130            | Nut N-8            | Added:7/2000   |    |    |    |    |

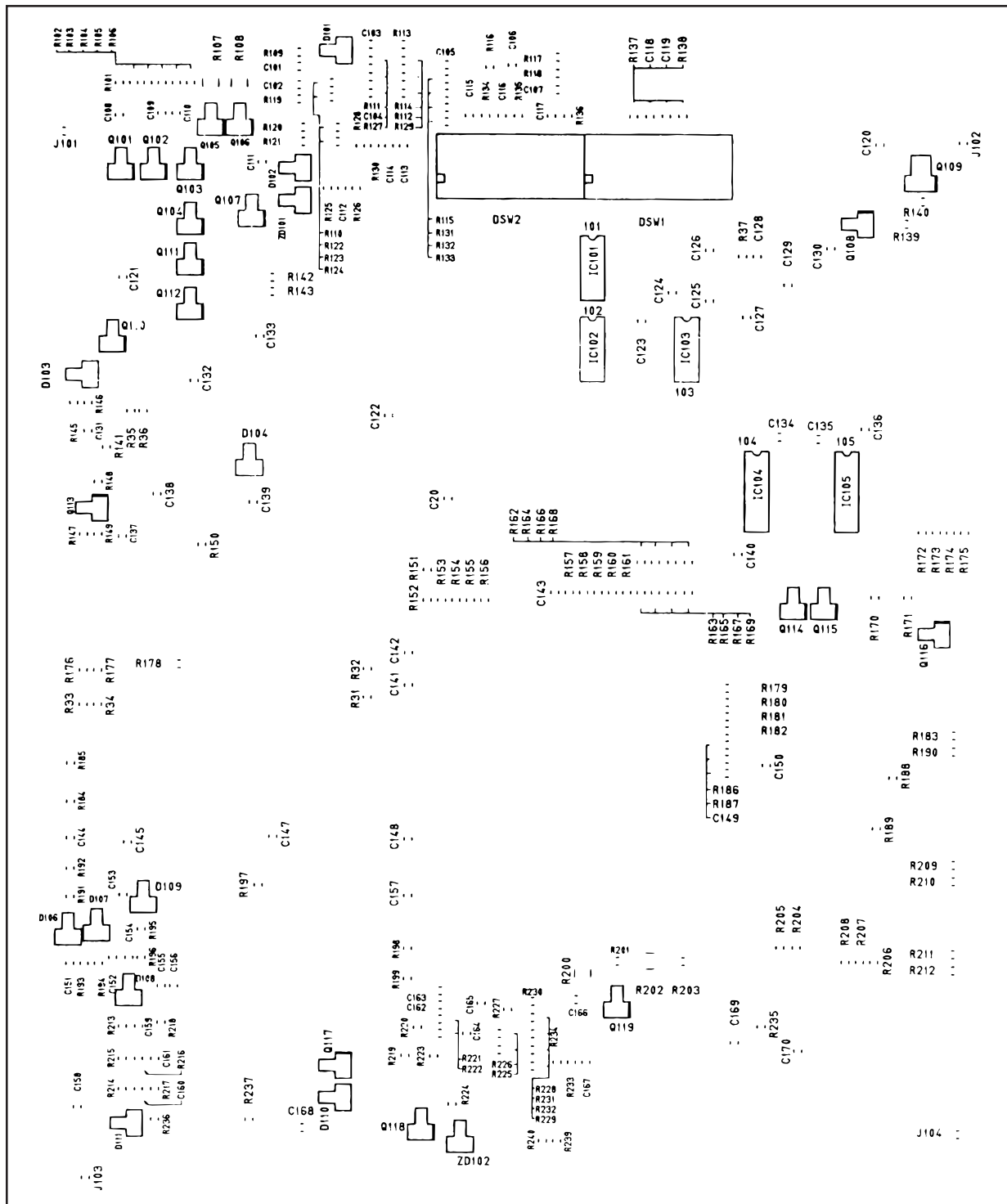
\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

1

## CPU PC BOARD ASS'Y (Serial No.: 0Dxxxxxx or earlier) 1/2







**1****CPU PC BOARD ASS'Y (Serial No.: 0Dxxxxxx or earlier) 1/6**

| Ref.No.            | Part No.    | Description                                                                         | Remarks                      | *1     | *2     | *3 | *4 |
|--------------------|-------------|-------------------------------------------------------------------------------------|------------------------------|--------|--------|----|----|
|                    | FMBC0036301 | CPU PC Board Ass'y<br>( <del>Service No. B-197-21</del> )<br>(Service No. B-197-31) | QP<br><br>Changed:<br>10/'97 | 1      | E      |    |    |
|                    | FMBC0036304 | CPU PC Board Ass'y<br>( <del>Service No. B-197-24</del> )<br>(Service No. B-197-34) | QQ<br><br>Changed:<br>10/'97 | 1      | E      | A1 |    |
| IC1,29             | CAG-0578001 | Op Amp LM324NS                                                                      |                              | 2      | E      | A2 |    |
|                    | CAG-0339001 | Op Amp LM324ANS                                                                     |                              |        |        |    |    |
| IC2,11             | CAN-005102E | CMOS IC BU4051BF                                                                    |                              | 2      | E      |    |    |
| IC3                | CAG-0439001 | Linear IC M62354FP                                                                  |                              | 1      | E      |    |    |
| IC4,26             | CAG-0185001 | Comparetor IC BA10393F-T1                                                           |                              | 2      | E      |    |    |
| IC5                | CAH-0055001 | CMOS IC MC145407P                                                                   |                              | 1      | E      |    |    |
|                    | EAB-0076001 | IC Socket 2-641264-3                                                                |                              | 1      |        |    |    |
| IC6                | CAJ-0294001 | Gate Array EC-M100                                                                  |                              | 1      | E      | ○  |    |
| IC7, IC8           | CAD-0286001 | Flash ROM M5M28F102FP-10                                                            | IC7:Added<br>10/'97          | 1<br>2 | E<br>E |    |    |
| IC9                | CAE-0097001 | Mask ROM EC-M119                                                                    |                              | 1      | E      | ○  |    |
| IC10               | CAG-0147001 | Linear IC TC35098P                                                                  |                              | 1      | E      |    |    |
| IC12               | CAD-0149002 | EEP-ROM ST93C46AB1                                                                  |                              | 1      | E      |    |    |
|                    | CAD-0149003 | EEP-ROM ST93C46CB 1/6                                                               |                              |        |        |    |    |
|                    | CAD-0288001 | EEP-ROM M93C46-BN6                                                                  |                              |        |        |    |    |
|                    | EAA-2390001 | IC Socket 2-641260-3                                                                |                              | 1      |        |    |    |
| IC13,14,104<br>105 | CAM-024508A | CMOS IC TC74AC245F TP2                                                              |                              | 4      | E      |    |    |
| IC15               | CAG-0524001 | Reset IC PST600D                                                                    |                              | 1      | E      |    |    |
| IC16               | CAA-0249001 | CPU UPD70236AGD-16-5BB                                                              |                              | 1      | E      | ○  |    |
| IC17,18            | CAC-0293001 | D-RAM HM514260AZ-7                                                                  |                              | 2      | E      |    |    |
|                    | CAC-0368003 | D-RAM HM514260CZ-7                                                                  |                              | 1      |        |    |    |
| IC19~24            | EAA-2389001 | IC Socket 90510-0140                                                                |                              | 6      |        |    |    |
| IC25               | CAK-0056001 | HIC STK6712AMK4                                                                     |                              | 1      | E      |    |    |
| IC27,28            | CAG-0438001 | Linear IC UPC844G2                                                                  |                              | 2      | E      |    |    |
| IC30               | CAM-000408A | Linear IC TC74AC04F TP1                                                             |                              | 1      | E      |    |    |
| IC31               | CAJ-0343001 | Gate Array EC-M118A                                                                 |                              | 1      | E      | ○  |    |
|                    | CO-08200000 | Gate Array EC-M263                                                                  | Added:11/'03                 |        |        |    |    |
|                    |             | GAL16V8D-25LS                                                                       |                              |        |        |    |    |
| IC101~103          | CAM-015708A | CMOS IC TC74AC157F                                                                  |                              | 3      | E      |    |    |
| Q1,2,113           | 24220200320 | Tip XISTOR. 2SC1621-T1B                                                             |                              | 3      |        |    |    |
| Q3,4               | CBA-0327001 | PNP XISTOR. 2SB1268                                                                 |                              | 2      |        |    |    |
| Q7,10              | CBA-0326001 | NPN XISTOR. 2SD1838                                                                 |                              | 2      |        |    |    |
|                    | FMEB0087201 | Heat Sink A                                                                         |                              | 2      |        |    |    |
|                    | FMEB0087301 | Heat Sink B                                                                         |                              | 1      |        |    |    |
|                    | FMEB0087401 | Heat Sink C                                                                         |                              | 1      |        |    |    |
|                    | 24BP0010306 | Sems Screw SM-3x6C                                                                  |                              | 4      |        | A2 |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

1

## CPU PC BOARD ASS'Y (Serial No.: 0Dxxxxxx or earlier) 2/6

| Ref.No.                                                                                                                          | Part No.    | Description            | Remarks | *1 | *2 | *3 | *4 |
|----------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------|---------|----|----|----|----|
| Q7,10                                                                                                                            | 24BB0010325 | Sems Screw SM-3x25     |         | 2  |    |    |    |
| Q5,6,9                                                                                                                           | CBA-0186001 | NPN XISTOR. 2SD1904RS  |         | 3  |    |    |    |
| Q8,11                                                                                                                            | CBA-0332001 | FET XISTOR. 2SJ295     |         | 2  |    |    |    |
|                                                                                                                                  | CBQ-0126001 | FEX XISTOR. 2SJ376     |         |    |    |    |    |
| Q12                                                                                                                              | 2422SD01802 | Tip XISTOR. 2SD1802    |         | 1  |    |    |    |
| Q101,103                                                                                                                         | 24220200310 | Tip XISTOR. FA1A4M-T1B |         | 13 |    |    |    |
| 105,106,108,<br>110,111,<br>114~119                                                                                              |             |                        |         |    |    |    |    |
| Q102,104,<br>107,112                                                                                                             | 24220100050 | Tip XISTOR. FN1A4M-T1B |         | 4  |    |    |    |
| Q109                                                                                                                             | 24220100060 | PNP XISTOR. 2SB1115-T1 |         | 1  |    |    |    |
|                                                                                                                                  |             | <Tip RSTR.>            |         |    |    |    |    |
| R1,2                                                                                                                             | DBK-151JA1A | MCR50JZHJ151 150Ω      |         | 2  |    |    |    |
| R3,6,9,12,<br>15,116,131                                                                                                         | DBK-222FA4A | MCR10EZHF2201 2.2KΩ    |         | 7  |    |    |    |
| R4,7,10,13,<br>16,117,133                                                                                                        | DBK-102FA4J | CRG10GF102T 1KΩ        |         | 7  |    |    |    |
| R5,8,11,14,<br>17,132                                                                                                            | DBK-392FA4J | CRG10GF392T 3.9KΩ      |         | 6  |    |    |    |
| R18,21,25,<br>26,146,151~<br>169,178,193~<br>196,237                                                                             | DBK-470JA4J | CRG10GJ470T 47Ω        |         | 30 |    |    |    |
| R22~24,35,<br>36,102,103,<br>106,113,120,<br>141,150,170,<br>171,173,174,<br>191,197,199,<br>204,209,220,<br>225,229,234,<br>239 | DBK-103JA4J | CRG10GJ103T 10KΩ       |         | 26 |    |    |    |
| R30,32,33,<br>222,J104                                                                                                           | DBK-000JA4A | MCR10EZHJ000 0Ω        |         | 5  |    |    |    |
| R34,226                                                                                                                          | DBK-432JA4J | CRG10GJ432T 4.3KΩ      |         | 2  |    |    |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

1

## CPU PC BOARD ASS'Y (Serial No.: 0Dxxxxxx or earlier) 3/6

| Ref.No.                                                     | Part No.    | Description                             | Remarks | *1 | *2 | *3 | *4 |
|-------------------------------------------------------------|-------------|-----------------------------------------|---------|----|----|----|----|
| R37,101,104,<br>105,109,112,<br>140,149,177,<br>192,227,240 | DBK-102JA4J | <Chip RSTR.><br>CRG10GJ102T 1K $\Omega$ |         | 12 |    |    |    |
| R107                                                        | DBK-111JA2J | CRG4GJ111T 110 $\Omega$                 |         | 1  |    |    |    |
| R108,200,202                                                | DBK-221JA2J | CRG4GJ221T 220 $\Omega$                 |         | 3  |    |    |    |
| R110                                                        | DBK-113FA4A | MCR10EZHUF1102 11K $\Omega$             |         | 1  |    |    |    |
| R111,119                                                    | DBK-104JA4J | CRG10GJ104T 100K $\Omega$               |         | 2  |    |    |    |
| R114                                                        | DBK-362JA4J | CRG10GJ362T 3.6K $\Omega$               |         | 1  |    |    |    |
| R115,118,<br>134~138                                        | DBK-681FA4J | CRG10GF681T 680 $\Omega$                |         | 7  |    |    |    |
| R121                                                        | DBK-222JA4J | CRG10GJ222T 2.2K $\Omega$               |         | 1  |    |    |    |
| R122                                                        | DBK-153FA4A | MCR10EZHUF1502 15K $\Omega$             |         | 1  |    |    |    |
| R123                                                        | DBK-163JA4J | CRG10GJ163T 16K $\Omega$                |         | 1  |    |    |    |
| R124                                                        | DBK-223JA4J | CRG10GJ223T 22K $\Omega$                |         | 1  |    |    |    |
| R125,130                                                    | DBK-563FA4J | CRG10GF563T 56K $\Omega$                |         | 2  |    |    |    |
| R126,128                                                    | DBK-103FA4J | CRG10GF103T 10K $\Omega$                |         | 2  |    |    |    |
| R127                                                        | DBK-564JA4J | CRG10GJ564T 560K $\Omega$               |         | 1  |    |    |    |
| R129                                                        | DBK-334JA4J | CRG10GJ334T 330K $\Omega$               |         | 1  |    |    |    |
| R139,179,<br>181,216                                        | DBK-682JA4J | CRG10GJ682T 6.8K $\Omega$               |         | 4  |    |    |    |
| R142,143                                                    | DBK-200JA4J | CRG10GJ200T 20 $\Omega$                 |         | 2  |    |    |    |
| R145,<br>212~215,228                                        | DBK-472JA4J | CRG10GJ472T 4.7K $\Omega$               |         | 6  |    |    |    |
| R147,223                                                    | DBK-560JA4J | CRG10GJ560T 56 $\Omega$                 |         | 2  |    |    |    |
| R148,230                                                    | DBK-332JA4J | CRG10GJ332T 3.3K $\Omega$               |         | 2  |    |    |    |
| R172,175                                                    | DBK-471JA4J | CRG10GJ471T 470 $\Omega$                |         | 2  |    |    |    |
| R176                                                        | DBK-152JA4J | CRG10GJ152T 1.5K $\Omega$               |         | 1  |    |    |    |
| R180,183                                                    | DBK-822JA4J | CRG10GJ822T 8.2K $\Omega$               |         | 2  |    |    |    |
| R182                                                        | DBK-512JA4J | CRG10GJ512T 5.1K $\Omega$               |         | 1  |    |    |    |
| R184                                                        | DBK-203JA4A | MCR10EZHUF203 20K $\Omega$              |         | 1  |    |    |    |
| R186                                                        | DBK-303JA4J | CRG10GJ303T 30K $\Omega$                |         | 1  |    |    |    |
| R187                                                        | DBK-391JA4J | CRG10GJ391T 390 $\Omega$                |         | 1  |    |    |    |
| R188,206                                                    | DBK-683JA4J | CRG10GJ683 68K $\Omega$                 |         | 2  |    |    |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

1

## CPU PC BOARD ASS'Y (Serial No.: 0Dxxxxxx or earlier) 4/6

| Ref.No.            | Part No.    | Description                      | Remarks | *1 | *2 | *3 | *4 |
|--------------------|-------------|----------------------------------|---------|----|----|----|----|
|                    |             | <Chip RSTR.>                     |         |    |    |    |    |
| R189,208           | DBK-221JA4J | CRG10GJ221T 220Ω                 |         | 2  |    |    |    |
| R219,224           | DBK-101JA4J | CRG10GJ101T 100Ω                 |         | 2  |    |    |    |
| R190,210           | DBK-100JA4J | GRG10GJ100T 10Ω                  |         | 2  |    |    |    |
| R185,198           | DBK-273JA4A | MCR10EZHUJ273 27KΩ               |         | 2  |    |    |    |
| R207,231,235       | DBK-153JA4J | CRG10G153T 15KΩ                  |         | 3  |    |    |    |
| R201,203           | DBK-912JA4A | MCR10EZHUJ912 9.1KΩ              |         | 2  |    |    |    |
| R211               | DBK-333JA4J | CRG10GJ333T 33KΩ                 |         | 1  |    |    |    |
| R217               | DBK-563JA4J | CRG10GJ563T 56KΩ                 |         | 1  |    |    |    |
| R218               | DBK-330JA4J | CRG10GJ330T 33Ω                  |         | 1  |    |    |    |
| R221               | DBK-151JA4J | CRG10GJ151T 150Ω                 |         | 1  |    |    |    |
| R232,233           | DBK-154JA4J | CRG10GJ154T 150KΩ                |         | 2  |    |    |    |
| R236               | DBK-224JA4J | CRG10GJ224T 220KΩ                |         | 1  |    |    |    |
| R19,20             | DBC-222JA5F | MOF RSTR. RSS1/2PJ 2.2KΩ         |         | 2  |    |    |    |
| R27                | DBC-272JA5F | MOF RSTR. RSS1/2T52J 2.7KΩ       |         | 1  |    |    |    |
| R28                | DBC-102JA3G | MOF RSTR. RSM2FB 1KΩJ            |         | 1  |    |    |    |
| RA1~5,7,8<br>11~15 | DBP-0047005 | RSTR. Array EXB-F9E103J 10KΩ     |         | 12 |    |    |    |
| RA6,9,10           | DBP-0047004 | RSTR. Array EXBF5E103J 10KΩ      |         | 3  |    |    |    |
| VR2                | DBG-0196001 | Tip V.RSTR. RVG4H01-102VM-TC 1KΩ |         | 1  | E  |    |    |
| ZD101              | CBG-0222001 | Z.Diode 02CZ4.7Y                 |         | 1  |    |    |    |
| ZD102              | DBG-0361001 | Z.Diode 02CZ4.3X                 |         | 1  |    |    |    |
| D2~9               | 2421BAM01Z0 | Diode AM01Z                      |         | 8  |    |    |    |
| D14                | 24210000060 | Diode ERA1501                    |         | 1  |    |    |    |
| D101,102           | CBN-0022001 | Tip Diode HSM107STL              |         | 2  |    |    |    |
| D110,112           | CBE-0100001 | Tip Diode 1SS187 TE85L           |         | 2  |    |    |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

1

## CPU PC BOARD ASS'Y (Serial No.: 0Dxxxxxx or earlier) 5/6

| Ref.No.                                                                                                                       | Part No.               | Description                                         | Remarks       | *1 | *2 | *3 | *4 |
|-------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------|---------------|----|----|----|----|
| C1,6,8,12<br>16,18,20,<br>106,111,113,<br>120~127,129,<br>130,132~138,<br>140~143,145,<br>147~149,157,<br>158,163~166,<br>168 | DAB-103MK10            | <Ceramic CAP.><br>GRM40B103K50PT 0.01μF             |               | 42 |    |    |    |
| C101,104,<br>105,107~110,<br>112,114~119,<br>128,144,159,<br>161,162,167                                                      | DAB-104MZ11            | GRM40F104Z50PT 0.1μF                                |               | 20 |    |    |    |
| C102,103                                                                                                                      | DAB-102MK05            | GRM40B102K50PT 1000pF                               |               | 2  |    |    |    |
| C150                                                                                                                          | DAB-101MJ17            | GRM40CH101J50PT 100pF                               |               | 1  |    |    |    |
| C155                                                                                                                          | DAB-050MK02            | GRM40CH050D50PT 5pF                                 |               | 1  |    |    |    |
| C169,170                                                                                                                      | DAB-391MJ12            | Ceramic CAP.<br>GRM40CH391J50PT 390pF               |               | 2  |    |    |    |
| C2~5                                                                                                                          | DAA-100HM16            | <Electrolytic CAP.><br>CESEM1E100 10μF              |               | 4  |    |    |    |
| C11                                                                                                                           | <del>DAA-100FM18</del> | <del>CESEM1C100 10μF</del>                          |               | 1  |    |    |    |
|                                                                                                                               | DAA-100FM67            | SME16VB10M 10μF                                     | Changed:4/'99 |    |    |    |    |
| C17                                                                                                                           | <del>DAA-101MM08</del> | <del>CESEM1H101A 100μF</del>                        |               | 1  |    |    |    |
|                                                                                                                               | DAA-101MM40            | SME50VB100M 100μF                                   | Changed:4/'99 |    |    |    |    |
| C19                                                                                                                           | DAA-221CM17            | CESEM1A221 220μF                                    |               | 1  |    |    |    |
| C10                                                                                                                           | DAC-334MK02            | Film CAP. DTDB1H334K 0.33μF                         |               | 1  |    |    |    |
| C160                                                                                                                          | DAB-561MK06            | Tip CAP.<br>GRM40CH561K50PT 560pF                   |               | 1  |    |    |    |
| CN1                                                                                                                           | EAA-2187001            | CONN. B7B-PH-K-S                                    |               | 1  |    |    |    |
| CN2                                                                                                                           | EAA-0361018            | CONN. 17LE-13250-27 (D4AK)<br>millimeter screw type | QP            | 1  |    |    |    |
|                                                                                                                               | EAA-0361019            | CONN. 17LE-13250-27 (D4CK)<br>inch screw type       | QQ            | 1  |    |    |    |
|                                                                                                                               | FMEB0085201            | Sealed Plate RS-232C                                |               | 1  |    |    |    |
| CN3                                                                                                                           | EAA-2387001            | CONN. 53014-1412                                    |               | 1  |    |    |    |
| CN4                                                                                                                           | EAA-2306001            | CONN. 52326-0601                                    |               | 1  |    |    |    |

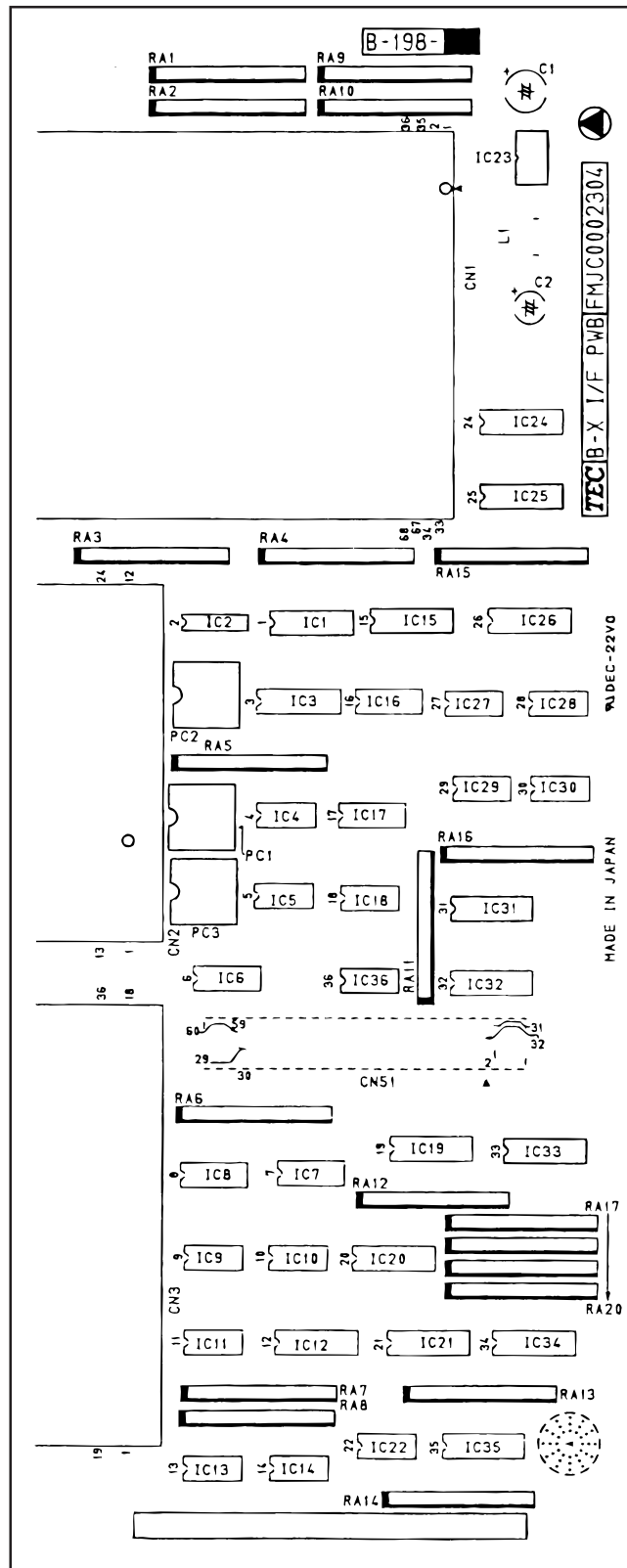
\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

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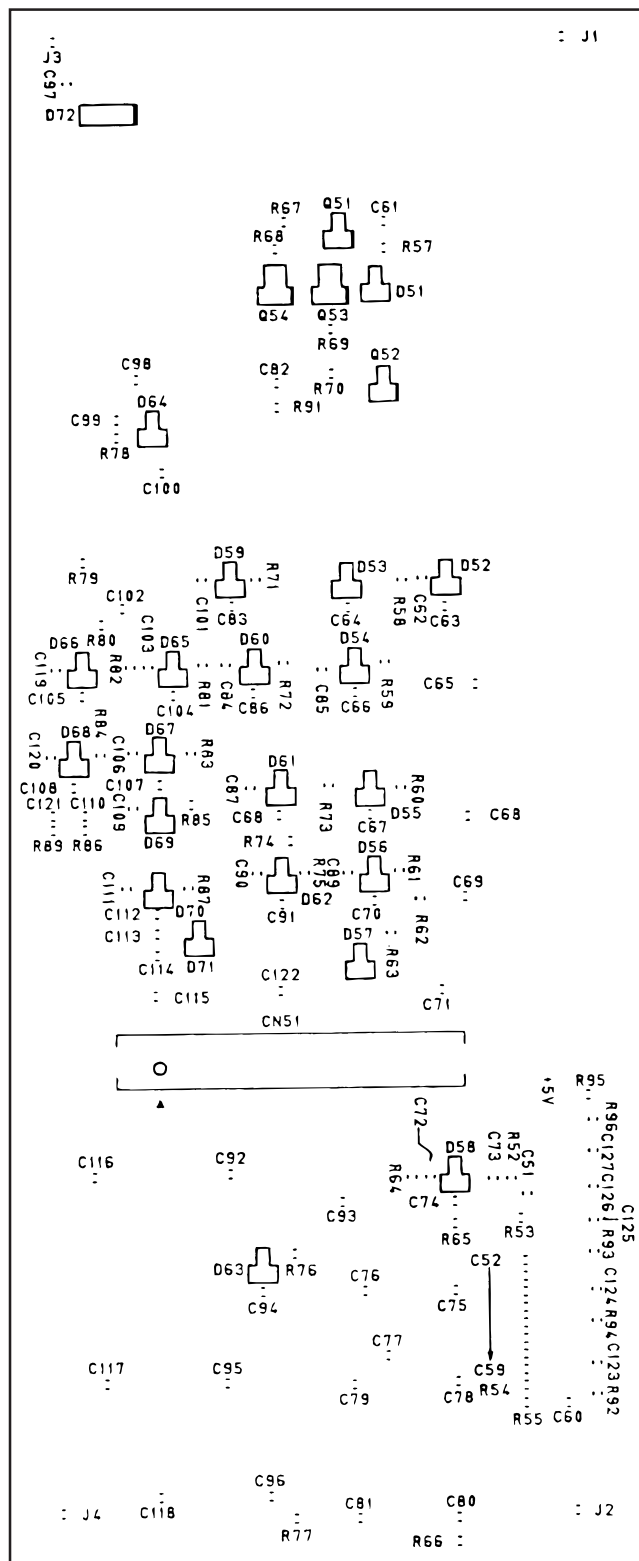
## CPU PC BOARD ASS'Y (Serial No.: 0Dxxxxxx or earlier) 6/6

| Ref.No. | Part No.    | Description                        | Remarks                    | *1 | *2 | *3 | *4 |
|---------|-------------|------------------------------------|----------------------------|----|----|----|----|
| CN5     | 24420201530 | CONN. 53014-0410                   |                            | 1  |    |    |    |
| CN6     | EAA-2303001 | CONN. 53014-0311                   |                            | 1  |    |    |    |
| CN7     | EAA-0011001 | CONN. 5332-26T2                    |                            | 1  |    |    |    |
| CN8     | 24420201430 | CONN. 53014-0210                   |                            | 1  |    |    |    |
| CN9     | EAA-2388001 | CONN. 53014-1213                   |                            | 1  |    |    |    |
| CN10    | EAA-2302001 | CONN. 53014-1310                   |                            | 1  |    |    |    |
| CN11    | EAA-2386001 | CONN. 53014-1012                   |                            | 1  |    |    |    |
| CN14    | 24420201540 | CONN. 53014-0610                   |                            | 1  |    |    |    |
| CN15    | EAA-2394001 | CONN. 8801-060-170S                |                            | 1  |    |    |    |
| CN16    | EAA-0520001 | CONN. 53014-0910                   |                            | 1  |    |    |    |
| CN17    | 24421080295 | CONN. 5275-07A                     |                            | 1  |    |    |    |
| DSW1,2  | EBC-0065001 | DIP Switch KS08                    |                            | 2  |    |    |    |
| F1~3    | EHA-0201001 | Fuse CCV-2AF12.5 2A                |                            | 3  | D  |    |    |
| RLY1    | ELA-0026001 | Relay A-5W-K                       |                            | 1  |    |    |    |
| X1      | DCD-0267001 | Crystal CSA32.00MXZ040 32MHz       |                            | 1  | E  |    |    |
| SP6     | 24420130479 | Jumper CONN.                       |                            | 1  |    | A1 |    |
|         | HBMB0012901 | PS-40PF-D4T1-FKL1<br>PCB No. Label | Attached to<br>Heat Sink A |    |    |    |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts







| Ref.No.             | Part No.                                                            | Description                                                                                                               | Remarks                        | *1     | *2     | *3 | *4 |
|---------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------|--------|----|----|
|                     | -----                                                               | I/F PC Board Ass'y<br>(Service No. B-198-02)                                                                              |                                | 1      | E      |    |    |
| IC1,21,32<br>IC2    | 2420SAL244S<br><del>CBB-0022001</del><br>C0-01434001<br>C0-11201001 | TTL IC SN74ALS244NS<br><del>XISTOR. Array TD62004F</del><br>XISTOR. Array TD62004F(TP1)<br>XISTOR. Array TD62004AFG(S EL) | Changed:9/'05<br>Changed:9/'05 | 3<br>1 | E<br>E |    |    |
| IC3,26              | <del>CAM-057302A</del><br>C0-08495001                               | CMOS IC TC74HC573AF<br>CMOS IC TC74HC573AF(EL F)                                                                          | Changed:9/'05                  | 2      | E      |    | R  |
| IC4,5,29,30         | <del>CAM-003208A</del><br>C0-08353001                               | CMOS IC TC74AC32F TP1<br>CMOS IC TC74AC32F(EL F)                                                                          | Changed:9/'05                  | 4      | E      |    | R  |
| IC6,7               | <del>CAM-017402A</del><br>C0-08434001                               | CMOS IC TC74HC174AF TP1<br>CMOS IC TC74HC174AF(EL F)                                                                      | Chnaged:9/'05                  | 2      | E      |    | R  |
| IC8                 | <del>CAM-012302A</del><br>C0-08402001                               | CMOS IC TC74HC123AF TP1<br>CMOS IC TC74HC123AF(EL F)                                                                      | Changed:9/'05                  | 1      | E      |    | R  |
| IC9                 | <del>CAF-000606F</del><br>C0-11290001                               | TTL IC SN7406NS-SR05<br>Changed:9/'05                                                                                     | Changed:9/'05                  | 1      | E      |    | R  |
| IC10                | <del>CAM-000402A</del><br>C0-08387001                               | CMOS IC TC74HC04AF TP1<br>CMOS IC TC74HC04AF(EL F)                                                                        | Changed:9/'05                  | 1      | E      |    | R  |
| IC11                | <del>CAM-012502G</del><br>C0-03487001                               | CMOS IC MC74HC125F<br>CMOS IC MC74HC125AFEL                                                                               | Changed:9/'05                  | 1      | E      |    | R  |
| IC12,19             | <del>CAM-024508A</del><br>C0-08351001                               | CMOS IC TC74AC245F TP2<br>CMOS IC TC74AC245F(EL F)                                                                        | Changed:9/'05                  | 2      | E      |    | R  |
| IC13,18,28          | <del>CAB-0029001</del><br>C0-08505001                               | CMOS IC TC74HC74AF TP1<br>CMOS IC TC74HC74AF(EL F)                                                                        | Changed:9/'05                  | 3      | E      |    | R  |
| IC14,22             | <del>CAF-001407F</del><br>C0-11544001                               | TTL IC SN74LS14NS-SR05<br>TTL IC SN74LS14NSR                                                                              | Changed:9/'05                  | 2      | E      |    | R  |
| IC15,24             | <del>CAF-024508F</del><br>C0-11364001                               | TTL IC SN74ALS245ANS<br>TTL IC SN74ALS245ANSR                                                                             | Changed:9/'05                  | 2      | E      |    | R  |
| IC16,17             | <del>CAM-013808A</del><br>C0-08343001                               | CMOS IC TC74AC138F TP1<br>CMOS IC TC74AC138F(EL F)                                                                        | Changed:9/'05                  | 2      | E      |    | R  |
| IC20,31,33,<br>2434 | <del>CAM-024408A</del><br>C0-08350001                               | CMOS IC TC74AC244F<br>CMOS IC TC74AC244F(EL F)                                                                            | Changed:9/'05                  | 4      | E      |    | R  |
| IC23                | <del>CAG-0541001</del><br>C0-11846000                               | DC-DC Converter LT1109ACS8-12<br>LT1109ACS8-12#PBF                                                                        | Changed:9/'05                  | 1      | E      |    |    |
| IC25                | <del>CAF-057408F</del><br>C0-11385001                               | TTL IC SN74ALS574BNS<br>SN74ALS574BNSR                                                                                    | Changed:9/'05                  | 1      | E      |    | R  |
| IC27                | <del>CAM-000808A</del><br>C0-08340001                               | CMOS IC TC74AC08F TP1<br>CMOS IC TC74AC08F(EL F)                                                                          | Changed:9/'05                  | 1      | E      |    | R  |
| IC35                | CAM-056402G<br><del>CAM-056402A</del><br>C0-08494001                | CMOS IC MC74HC564F<br>CMOS IC TC74HC564AF<br>CMOS IC TC74HC564AF(EL F)                                                    | Added:9/'99<br>Changed:9/'05   | 1      | E      |    | R  |
| IC36                | <del>CAM-008608A</del><br>C0-08359001                               | CMOS IC TC74AC86F<br>CMOS IC TC74AC86F(EL F)                                                                              | Changed:9/'05                  | 1      | E      |    | R  |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: RoHS

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## I/F PC BOARD ASS'Y 2/4

| Ref.No.                                            | Part No.                                         | Description                                                             | Remarks       | *1 | *2 | *3 | *4 |
|----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------|---------------|----|----|----|----|
| PC1~3                                              | 24440400200                                      | Photo Coupler TLP521-2                                                  |               | 3  |    |    |    |
| Q51,52                                             | <del>24220200310</del><br><del>CBC-0040002</del> | <del>Tip XISTOR. FA1A4M-T1B</del><br><del>Tip XISTOR. KRC102S-RTK</del> |               | 2  |    | A1 |    |
|                                                    | C0-07391001                                      | Chip XISTOR. FA1A4M-T1B-A                                               | Changed:9/'05 |    |    |    | R  |
|                                                    | C0-11088001                                      | Chip XISTOR. KRC102S-RTK/P                                              | Changed:9/'05 |    |    |    |    |
| Q53,54                                             | <del>24220100060</del><br>C0-07376001            | <del>PNP XISTOR. 2SB1115-T1</del><br>PNPXISTOR. 2SB1115-T1-AZ           |               | 2  |    |    | R  |
|                                                    |                                                  |                                                                         | Changed:9/'05 |    |    |    |    |
|                                                    |                                                  | <Chip RSTR.>                                                            |               |    |    |    |    |
| R52,67                                             | <del>DBK-682JA4J</del><br>D0-14866001            | <del>CRG10GJ682T-6.8K</del><br>RK73B2ATTD682J 6.8K ohm                  |               | 2  |    |    | R  |
|                                                    | DBK-682JA4S                                      | RGC210J682 6.8K ohm                                                     | Changed:9/'05 |    |    | A1 |    |
| R53,54,68,<br>69,91~96                             | <del>DBK-102JA4J</del><br><del>DBK-102JA4S</del> | <del>CRG10GJ102T-1K</del><br><del>RGC210J102</del>                      |               | 10 |    | A1 |    |
|                                                    | D0-14810001                                      | RK73B2ATTD102J 1K ohm                                                   | Changed:9/'05 |    |    |    | R  |
|                                                    | D0-02687001                                      | RGC210TRJ102 1K ohm                                                     | Changed:9/'05 |    |    |    |    |
| R55                                                | <del>DBK-101JA4J</del><br>D0-14816001            | <del>CRG10GJ101T-100</del><br>RK73B2ATTD101J 100 ohm                    |               | 1  |    |    | R  |
|                                                    | DBK-101JA4S                                      | RGC210J000 100 ohm                                                      | Changed:9/'05 |    |    | A1 |    |
| R57,60,62,<br>63,73,75,<br>79,80,82,84<br>85,87,J2 | <del>DBK-000JA4J</del><br>D0-19898001            | <del>MCR10EZHJ000-0</del><br>MCR10EZHJ000 0 ohm                         |               | 13 |    |    | R  |
|                                                    | DBK-000JA4S                                      | RGC210J000 0 ohm                                                        | Changed:9/'05 |    |    | A1 |    |
| R58,59,71,<br>72,83,86,89                          | <del>DBK-470JA4J</del><br>D0-14857001            | <del>CRG10GJ470T-47</del><br>RK73B2ATTD470J 47 ohm                      |               | 7  |    |    | R  |
|                                                    | DBK-470JA4S                                      | RGC210J470 47 ohm                                                       | Changed:9/'05 |    |    | A1 |    |
| R61,76,78                                          | DBK-200JA4J                                      | CRG10GJ200T 20 ohm                                                      |               | 3  |    |    |    |
|                                                    | DBK-200JA4S                                      | RGC210J200 20 ohm                                                       |               |    |    | A1 |    |
| R65,66,74,77                                       | <del>DBK-103JA4J</del><br><del>DBK-103JA4S</del> | <del>CRG10GJ103T-10K</del><br><del>RGC210J103</del>                     |               | 4  |    | A1 |    |
|                                                    | D0-14818001                                      | RK73B2ATTD103J 10K ohm                                                  | Changed:9/'05 |    |    |    | R  |
|                                                    | D0-02688001                                      | RGC210TRJ103 10K ohm                                                    | Changed:9/'05 |    |    |    |    |
| R70                                                | <del>DBK-332JA4J</del><br><del>DBK-332JA4S</del> | <del>CRG10GJ332T-3.3K ohm</del><br><del>RGC210J332</del>                |               | 1  |    | A1 |    |
|                                                    | D0-14845001                                      | RK73B2ATTD332J 3.3K ohm                                                 | Changed:9/'05 |    |    |    | R  |
|                                                    | D0-02722001                                      | RGC210TRJ332 3.3K ohm                                                   | Changed:9/'05 |    |    |    |    |
| R81                                                | <del>DBK-220JA4J</del><br>D0-14837001            | <del>CRG10GJ220T-22</del><br>RK73B2ATTD220J 22 ohm                      |               | 1  |    | A1 | R  |
|                                                    | DBK-220JA4S                                      | RGC210J220 22 ohm                                                       | Changed:9/'05 |    |    | A1 |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: RoHS

2

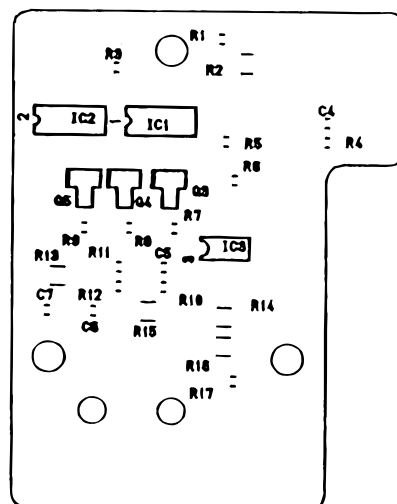
## I/F PC BOARD ASS'Y 3/4

| Ref.No.                                                                                          | Part No.                                                                           | Description                                                                                                                                     | Remarks                        | *1 | *2 | *3 | *4     |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----|----|----|--------|
| RA1~4,6,9,10,<br>13~16,18,20                                                                     | 2425240008J                                                                        | RSTR. Array EXB-F9E103J 10K                                                                                                                     |                                | 13 |    |    |        |
|                                                                                                  | DBP-0290001                                                                        | RSTR. Array 9-1-103J                                                                                                                            |                                |    |    | A1 |        |
| RA5                                                                                              | DBP-0013001                                                                        | RSTR. Array EXB-F9E471J 470                                                                                                                     |                                | 1  |    |    |        |
|                                                                                                  | DBP-0291002                                                                        | RSTR. Array 9-1-471J                                                                                                                            |                                |    |    | A1 |        |
| RA7,11,12<br>17,19                                                                               | 2425240030J                                                                        | RSTR. Array EXB-F9E104J 100K                                                                                                                    |                                | 5  |    |    |        |
|                                                                                                  | DBP-0291001                                                                        | RSTR. Array 9-1-104J                                                                                                                            |                                |    |    | A1 |        |
| RA8                                                                                              | DBP-0002003                                                                        | RSTR. Array EXB-F9E102J 1K                                                                                                                      |                                | 1  |    |    |        |
|                                                                                                  | DBP-0291003                                                                        | RSTR. Array 9-1-102J                                                                                                                            |                                |    |    | A1 |        |
| D72                                                                                              | <del>CBE-0231001</del><br>C0-02241001                                              | <del>Tip Diode SB11-04HP-TR</del><br>Chip Diode SB11-04HP-TR                                                                                    | Changed:9/'05                  | 1  |    |    |        |
|                                                                                                  |                                                                                    | <Electrolytic CAP.>                                                                                                                             |                                |    |    |    |        |
| C1                                                                                               | <del>DAA-470FM28</del><br>D0-23543000                                              | <del>Electrolytic CAP. 16SA47M 47μF</del><br>16SA47M 47μF                                                                                       | Changed:9/'05                  | 1  |    |    | R      |
| C2                                                                                               | <del>DAA-220FM19</del><br>D0-07366000                                              | <del>Electrolytic CAP. 16SA22M 22μF</del><br>16SA22M 22μF                                                                                       | Changed:9/'05                  | 1  |    |    |        |
|                                                                                                  |                                                                                    | <Ceramic CAP.>                                                                                                                                  |                                |    |    |    |        |
| C51~60,<br>123~127                                                                               | <del>DAB-101MJ17</del><br><br><del>DAB-101MJ35</del><br>D0-05691001<br>D0-04991001 | <del>Ceramic CAP.</del><br>GRM40CH101J50PT 100pF<br><del>Ceramic CAP. C2012CH1H101J</del><br>GRM2162C1H101JA01D 100pF<br>C2012CH1H101JT 100pF   | Changed:9/'05<br>Changed:9/'05 | 15 |    | A1 | R<br>R |
| C63~71,74<br>76,78~81,83,<br>86,88,91~98,<br>100,102,104,<br>105,107,108,<br>112,115~118,<br>122 | <del>DAB-103MK10</del><br>D0-05661001<br>D0-05007001<br><del>DAB-103MK24</del>     | <del>Ceramic CAP.</del><br>GRM40B103K50PT 0.01μF<br>GRM216B11H103KA01D 0.01μF<br>C2012JB1H103KT 0.01μF<br><del>Ceramic CAP. C2012JB1H103K</del> | Changed:9/'05<br>Changed:9/'05 | 39 |    | A1 | R<br>R |
| C73                                                                                              | <del>DAB-102MK05</del><br><br><del>DAB-102MK37</del><br>D0-05660001<br>D0-05006001 | <del>Ceramic CAP.</del><br>GRM40B102K50PT 1000pF<br><del>Ceramic CAP. C2012JB1H102K</del><br>GRM219F11H104ZA01D<br>C2012JB1H102KT               | Changed:9/'05<br>Changed:9/'05 | 1  |    | A1 | R<br>R |
| C82                                                                                              | <del>DAB-104MZ11</del><br><br><del>DAB-104MZ33</del><br>D0-05722001<br>D0-05010001 | <del>Ceramic CAP.</del><br>GRM40F104Z50PT 0.1μF<br><del>Ceramic CAP. C2012JF1H104Z</del><br>GRM219F11H104ZA01D 0.1μF<br>C2012JF1H104ZT 0.1μF    | Changed:9/'05<br>Changed:9/'05 | 1  |    | A1 | R<br>R |
| L1                                                                                               | <del>BDH-0087001</del><br>D0-07378001                                              | Coil CD54-270MC 27μF                                                                                                                            | Changed:9/'05                  | 1  |    |    |        |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: RoHS

| Ref.No. | Part No.               | Description                        | Remarks       | *1 | *2 | *3 | *4 |
|---------|------------------------|------------------------------------|---------------|----|----|----|----|
| CN1     | <del>EAA-2310001</del> | <del>CONN. CLE9068-1801</del>      |               | 1  |    |    |    |
|         | E0-05875000            | CONN. CLE9068-1801R                | Changed:9/'05 |    |    |    |    |
|         | <del>24B90010208</del> | Sems Screw SM-2x8                  |               | 2  |    |    |    |
|         | X0-00020000            |                                    | Changed:9/'05 |    |    |    |    |
| CN2     | <del>24A40010200</del> | Nut N-1                            |               | 2  |    |    |    |
|         | X0-00840000            |                                    | Changed:9/'05 |    |    |    |    |
|         | <del>EAA-2304001</del> | <del>CONN. 57RE-40240-730B</del>   |               | 1  |    |    |    |
|         | E0-08179000            | CONN. 57RE-40240-730B(D29A)-FA     | Changed:9/'05 |    |    |    |    |
| CN3     | FMEC0036101            | Shield Plate                       |               | 1  |    |    |    |
|         | <del>EAA-2181001</del> | <del>CONN. 57RE-40360-730B</del>   |               | 1  |    |    |    |
| CN51    | E0-08181000            | CONN. 57RE-40360-730B(D29A)-FA     | Changed:9/'05 |    |    |    |    |
|         | <del>EAA-2307001</del> | CONN. 52411-0601                   |               | 1  |    |    |    |
|         | E0-00660000            |                                    | Changed:9/'05 |    |    |    |    |
|         | HBMB0012901            | PCB No. Label<br>(Attached to CN1) |               | 1  |    |    | R  |

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| Ref.No. | Part No.                              | Description                                                      | Remarks       | *1 | *2 | *3 | *4 |
|---------|---------------------------------------|------------------------------------------------------------------|---------------|----|----|----|----|
|         | FMBC0047101                           | PWM2 PC Board Ass'y<br>(Service No. B-236-01)                    |               | 1  | E  | A2 |    |
| IC1     | <del>CAM-000802A</del><br>C0-08392001 | <del>CMOS IC TC74HC08AF</del><br>CMOS IC TC74HC08AF(EL F)        | Changed:9/'05 | 1  | E  |    | R  |
| IC2     | <del>CAM-000402A</del><br>C0-08387001 | <del>CMOS IC TC74HC04AF</del><br>CMOS IC TC74HC04AF(EL F)        | Changed:9/'05 | 1  | E  |    | R  |
| IC3     | <del>CAG-0618002</del><br>C0-02951001 | <del>Linear IC TC74HC04AF</del><br>Linear IC TL5001CPSR          | Changed:9/'05 | 1  | E  |    |    |
| Q1      | <del>CBA-0186001</del><br>C0-10851000 | <del>NPN XISTOR. 2SD1904RS</del><br>NPN XISTOR. 2SD1904R/S-E     | Changed:9/'05 | 1  |    |    | R  |
| Q2      | <del>CBQ-0105001</del><br>C0-10854000 | <del>FET XISTOR. 2SJ263</del>                                    | Changed:9/'05 | 1  |    |    | R  |
| Q3~5    | <del>24220200310</del><br>C0-07391001 | <del>Tip XISTOR. FA1A4M-T1B</del><br>Chip XISTOR. FA1A4M-T1B-A   | Changed:9/'05 | 3  |    |    | R  |
|         | <del>CBC-0040002</del><br>C0-11088001 | <del>Tip XISTOR. KRC102S-RTK</del><br>Chip XISTOR. KRC102S-RTK/P | Changed:9/'05 |    |    | A1 |    |
| R1,3    | <del>DBK-103JA4J</del><br>D0-14818001 | <del>CRG10GJ103F 10K ohm</del><br>RK73B2ATTD103J                 | Changed:9/'05 | 2  |    |    | R  |
|         | <del>DBK-103JA4S</del><br>D0-02688001 | <del>RGC210J103</del><br>RGC210TRJ103                            | Changed:9/'05 |    |    | A1 |    |
| R2      | <del>DBK-271JA2J</del><br>D0-20203001 | <del>CRG4GJ271F 270 ohm</del><br>MCR25JZHJ271                    | Changed:9/'05 | 1  |    |    | R  |
|         | <del>DBK-271JA2S</del><br>D0-14896001 | <del>MCR25JZHU271</del><br>RK73B2ETTD271J                        | Changed:9/'05 |    |    | A1 | R  |
| R4      | <del>DBK-334JA4J</del><br>D0-14849001 | <del>CRG10GJ334F 330K ohm</del><br>RK73B2ATTD334J                | Changed:9/'05 | 1  |    |    | R  |
|         | <del>DBK-334JA4S</del><br>RGC210J334  | <del>RGC210TRJ334</del>                                          | Changed:9/'05 |    |    | A1 |    |
| R5      | <del>DBK-184JA4J</del><br>D0-14832001 | <del>CRG10GJ184F 180 ohm</del><br>RK73B2ATTD184J                 | Changed:9/'05 | 1  |    |    | R  |
|         | <del>DBK-184JA4S</del><br>RGC210J184  | <del>RGC210TRJ184</del>                                          | Changed:9/'05 |    |    | A1 |    |
| R6      | <del>DBK-123JA4J</del><br>D0-14825001 | <del>CRG10GJ123F 12K ohm</del><br>RK73B2ATTD123J                 | Changed:9/'05 | 1  |    |    | R  |
|         | <del>DBK-123JA4S</del><br>RGC210J123  | <del>RGC210TRJ123</del>                                          | Changed:9/'05 |    |    | A1 |    |
| R7      | <del>DBK-911FA4A</del><br>D0-19887001 | <del>MCR10EZHU9100 910 ohm</del><br>MCR10EZHF9100                | Changed:9/'05 | 1  |    |    | R  |
|         | <del>DBK-911FA4S</del><br>RGC210F911  | <del>RGC210TRF9100</del>                                         | Changed:9/'05 |    |    | A1 |    |
| R8,9    | <del>DBK-272FA4J</del><br>D0-19784001 | <del>CRG10GF272 2.7K ohm</del><br>MCR10EZHF2701                  | Changed:9/'05 | 1  |    |    | R  |
|         | <del>DBK-272FA4S</del><br>RGC210F272  | <del>RGC210TRF2701</del>                                         | Changed:9/'05 |    |    | A1 |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: RoHS

| Ref.No. | Part No.                                                                                  | Description                                                                                                                                            | Remarks                        | *1 | *2 | *3 | *4 |
|---------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----|----|----|----|
| R9      | <del>DBK-272FA4A</del>                                                                    | <del>MCR10PZHF2701</del> 2.7K                                                                                                                          | Deleted:9/'05                  | 1  |    | A1 |    |
| R10     | <del>DBK-272FA4S</del><br><del>DBK-224JA4J</del><br>D0-14839001<br><del>DBK-224JA4S</del> | <del>RGC210F272</del><br><del>CRG10GJ224T</del> 220K ohm<br><del>RK73B2ATTD224J</del><br><del>RGC210J224</del><br>RGC210TRJ224                         | Changed:9/'05                  | 1  |    | A1 | R  |
| R11     | <del>DBK-222JA4J</del><br><del>DBK-222JA4S</del>                                          | <del>CRG10GJ222T</del> 2.2K ohm<br><del>RGC210J222</del>                                                                                               | Changed:9/'05                  | 1  |    | A1 |    |
| R12     | <del>DBK-751FA4A</del><br>D0-19873001<br><del>DBK-751FA4S</del>                           | <del>MCR10PZHF7500</del> 750 ohm<br><del>MCR10EZHF7500</del><br><del>RGC210F751</del>                                                                  | Changed:9/'05                  | 1  |    | A1 | R  |
| R14     | <del>DBK-681JA1A</del><br>D0-20350001                                                     | <del>MCR50PZHJ681</del> 680 ohm<br><del>MCR50JZHJ681</del>                                                                                             | Changed:9/'05                  | 1  |    |    | R  |
| R16     | <del>DBK-102JA1J</del><br>D0-14927001<br><del>DBZ-0035001</del><br>D0-20297001            | <del>CRG2GJ102T</del> 1K ohm<br><del>RK73B2HTTE102J</del><br><del>MCR50JZHJ102</del>                                                                   | Changed:9/'05                  | 1  |    | A1 | R  |
| R17     | <del>DBK-103FA4J</del><br>D0-14638001<br><del>DBK-103FA4S</del>                           | <del>CRG10GF103T</del> 10K ohm<br><del>RK73H2ATTD1002F</del><br><del>RGC210F103</del>                                                                  | Changed:9/'05                  | 1  |    | A1 | R  |
| C1      | <del>DAA-101MM08</del><br><del>DAA-101MM40</del><br>D0-03644001                           | Electrolytic CAP.<br><del>CESEM1H101A</del> 100μF<br><del>SME50VB100M</del> 100μF<br>TC04RSME50VB100MF50                                               | Changed:4/'99<br>Changed:9/'05 | 1  |    |    |    |
| C2      | <del>DAC-334MK02</del><br>D0-03738000<br><del>DAC-334MJ06</del><br>D0-21560000            | Film CAP. <del>DTDB1H</del> 0.33μF<br><del>DTDB1H334K</del><br>Film CAP. <del>ECQ-V1H334JZ</del><br><del>ECQV1H334JZ</del>                             | Changed:9/'05                  | 1  |    | A1 | R  |
| C3      | <del>DAA-561KM02</del><br><del>DAA-561KM05</del><br>D0-17240000                           | Electrolytic CAP.<br><del>CEEFM1V561M6</del> 560μF<br><del>LXY35VB560MJ30</del> 560μF<br>LXV35VB560MJ30E1                                              | Changed:4/'99<br>Changed:9/'05 | 1  |    |    | R  |
| C4,5    | <del>DAB-104MZ11</del><br>D0-05722001<br><del>DAB-104MZ33</del><br>D0-05010001            | Ceramic CAP.<br><del>GRM40F104Z50PT</del> 0.1μF<br><del>GRM219F11H104ZA01D</del><br>Ceramic CAP. <del>C2012JF1H104Z</del><br><del>C2012JF1H104ZT</del> | Changed:9/'05                  | 2  |    | A1 | R  |
| D1      | <del>CBE-0317001</del><br>C0-10453000                                                     | <del>Diode D4220U</del><br>Diode D4L20U-7000                                                                                                           | Changed:9/'05                  | 1  |    |    | R  |
| D2,3    | <del>2421BAM01Z0</del><br>C0-09544001                                                     | <del>Diode AM01Z</del><br>Diode AM01ZV1                                                                                                                | Changed:9/'05                  | 2  |    |    | R  |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: RoHS

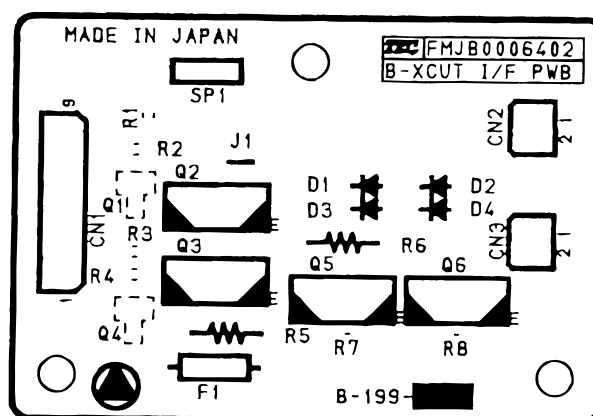


| Ref.No. | Part No.                                             | Description                                                                        | Remarks                      | *1          | *2 | *3 | *4 |
|---------|------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------|-------------|----|----|----|
| CN1     | <del>EAA-1738001</del><br>E0-08305000                | <del>CONN. 53253-0210</del><br>CONN. 53253-0270                                    | Changed:9/'05                | 1           |    |    | R  |
| CN2     | <del>EAA-0520001</del><br>E0-00621000                | <del>CONN. 53014-0910</del>                                                        | Changed:9/'05                | 1           |    |    | R  |
| CN3     | <del>EAA-0590001</del><br>E0-01067000                | <del>CONN. 53014-0211</del>                                                        | Changed:9/'05                | 1           |    |    | R  |
| F1      | <del>EHA-0076006</del><br>E0-04560000                | <del>Fuse CCV 3AF12.5 3A</del><br>Fuse CCV 3 FC125                                 | Changed:9/'05                | 1           | D  |    |    |
| L1      | <del>DDD-0145002</del><br>D0-24215000                | <del>Coil SK-17P-050-230</del>                                                     | Changed:9/'05                | 1           |    |    | R  |
| HS1     | <del>24084074039</del><br>F0-00378000                | <del>Heat Sink</del><br>IC-1625-ST                                                 | Changed:9/'05                | 1           |    |    | R  |
|         | <del>24BP0010306</del><br>X0-00055000<br>X0-00072000 | <del>Sems Screw SM 3x6</del><br>Double Sems Screw M-3x6<br>Double Sems Screw M-3x8 | Changed:9/'05<br>Added:9/'05 | 3<br>2<br>1 |    |    |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: RoHS

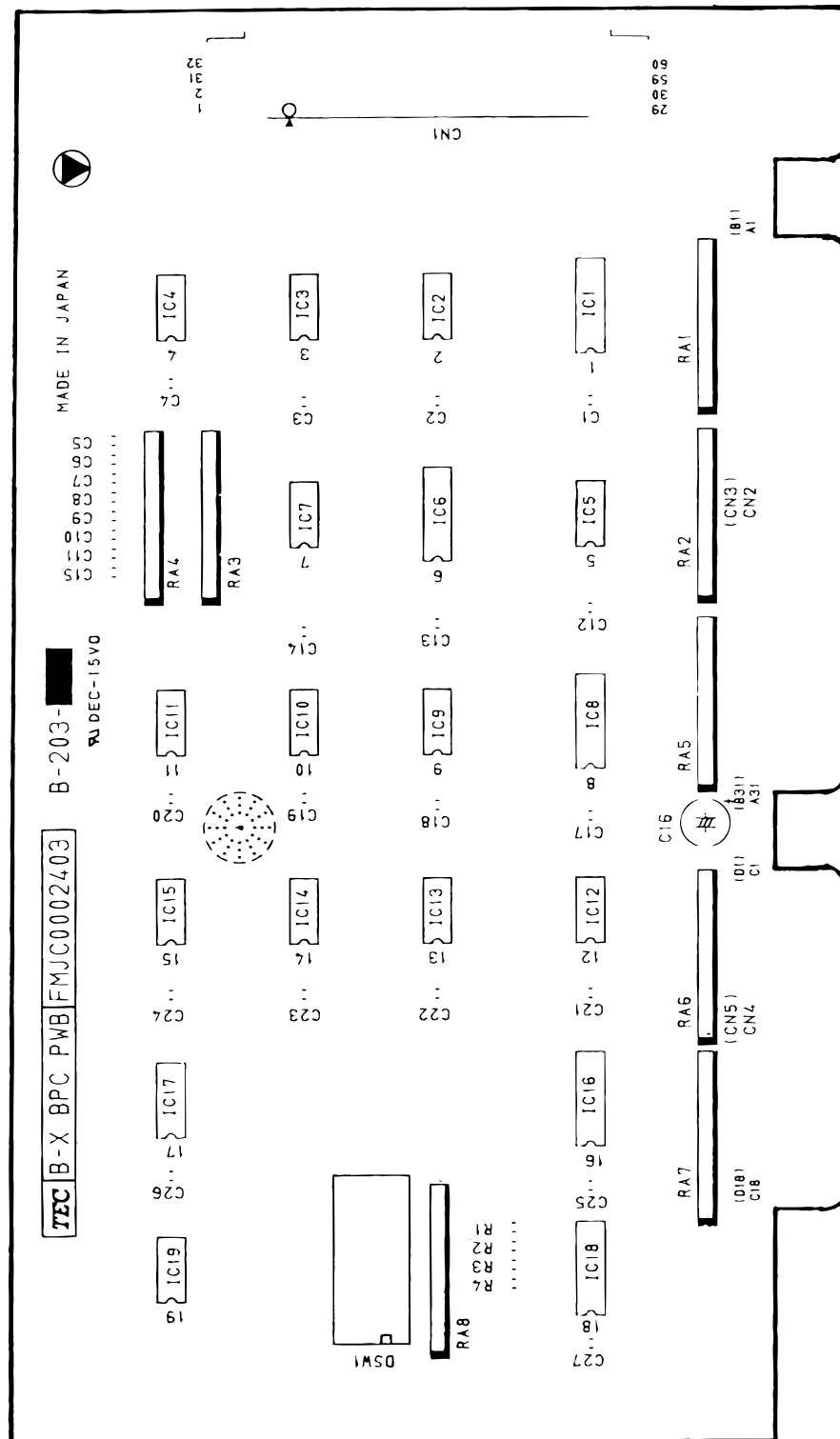
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## CUT I/F PC BOARD ASS'Y



| Ref.No.  | Part No.                                             | Description                                                                           | Remarks                        | *1 | *2 | *3 | *4     |
|----------|------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------|----|----|----|--------|
|          | FMBB0034301                                          | CUT I/F PC Board Ass'y<br>(Service No. B-199-01)                                      |                                | 1  | E  |    |        |
| Q1,4     | <del>24220200310</del><br>C0-07391001                | <del>Tip XISTOR. FA1A4M-T1B</del><br>Chip XISTOR. FA1A4M-T1B-A                        | Changed:9/'05                  | 2  |    |    | R      |
| Q2,3     | <del>CBA-0186001</del><br>C0-10851000                | <del>NPN XISTOR. 2SD1904RS</del><br>NPN XISTOR. 2SD1904R/S-E                          | Changed:9/'05                  | 2  |    |    | R      |
| Q5,6     | <del>CBA-0327001</del><br>C0-10840000                | <del>PNP XISTOR. 2SB1268</del><br>PNP XISTOR. 2SB1268-E                               | Changed:9/'05                  | 2  |    |    | R      |
| R1,4,7,8 | <del>DBK-103JA4J</del><br>D0-19902001<br>D0-14818001 | <del>Tip RSTR. CRG10GJ103F 10Kohm</del><br>Chip RSTR. MCR10EZHZJ103<br>RK73B2ATTD103J | Changed:9/'05<br>Changed:9/'05 | 4  |    |    | R<br>R |
| R2,3     | <del>DBK-102JA4J</del><br>D0-19901001<br>D0-14810001 | <del>Tip RSTR. CRG10GJ102F 1Kohm</del><br>Chip RSTR. MCR10EZHZJ102<br>RK73B2ATTD102J  | Changed:9/'05<br>Changed:9/'05 | 2  |    |    | R<br>R |
| R5,6     | <del>DBC-272JA5F</del><br>D0-00271002                | <del>MOF RSTR. RSS1/2T52J 27Kohm</del><br>RSS1/2T52J                                  | Changed:9/'05                  | 2  |    |    |        |
| D1~4     | <del>2421BAM01Z0</del><br>C0-09544001                | <del>Diode AM01Z</del><br>Diode AM01ZV1                                               | Changed:9/'05                  | 4  |    |    | R      |
| F1       | <del>EHA-0076007</del><br>E0-03914000                | <del>Fuse CCV-1AF12.5 2A</del><br>Fuse CCV 1 FC125                                    | Changed:9/'05                  | 1  | D  |    |        |
| CN1      | <del>EAA-0520001</del><br>E0-00621000                | CONN. 53014-0910                                                                      | Changed:9/'05                  | 1  |    |    | R      |
| CN2      | <del>EAA-0590001</del><br>E0-01067000                | CONN. 53014-0211                                                                      | Changed:9/'05                  | 1  |    |    | R      |
| CN3      | <del>24420202270</del><br>E0-01068000                | CONN. 53014-0212                                                                      | Changed:9/'05                  | 1  |    |    | R      |
| J1       | <del>DBA-0R0JA2F</del><br>D0-20600001<br>D0-00220001 | <del>Carbon RSTR.</del><br><del>RD1/4SST236J-0 ohm</del><br>RDM14TS000J<br>1/6ZT26    | Changed:9/'05<br>Changed:9/'05 | 1  |    |    | R      |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: RoHS

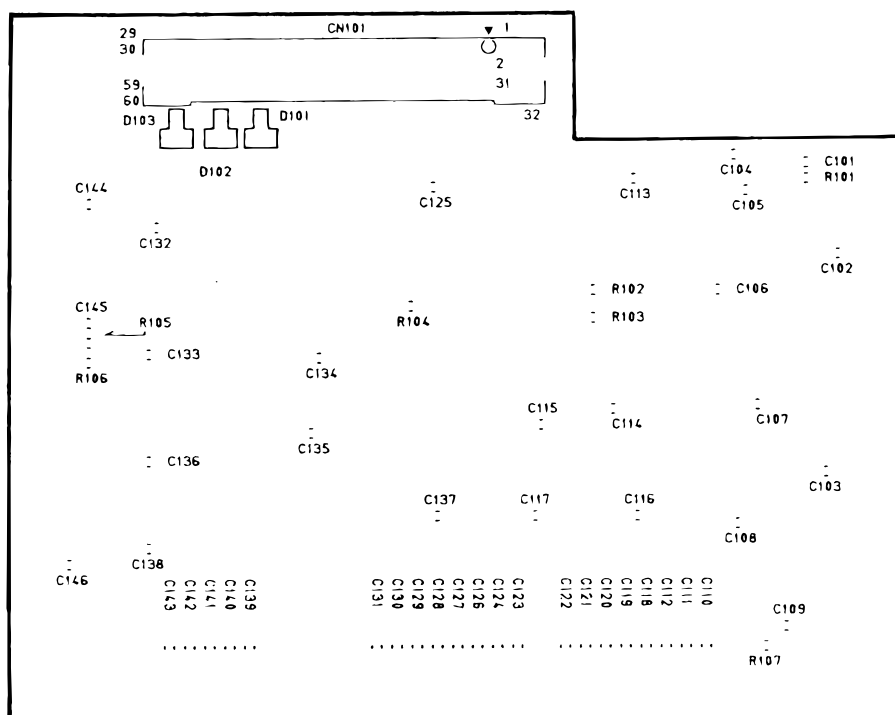
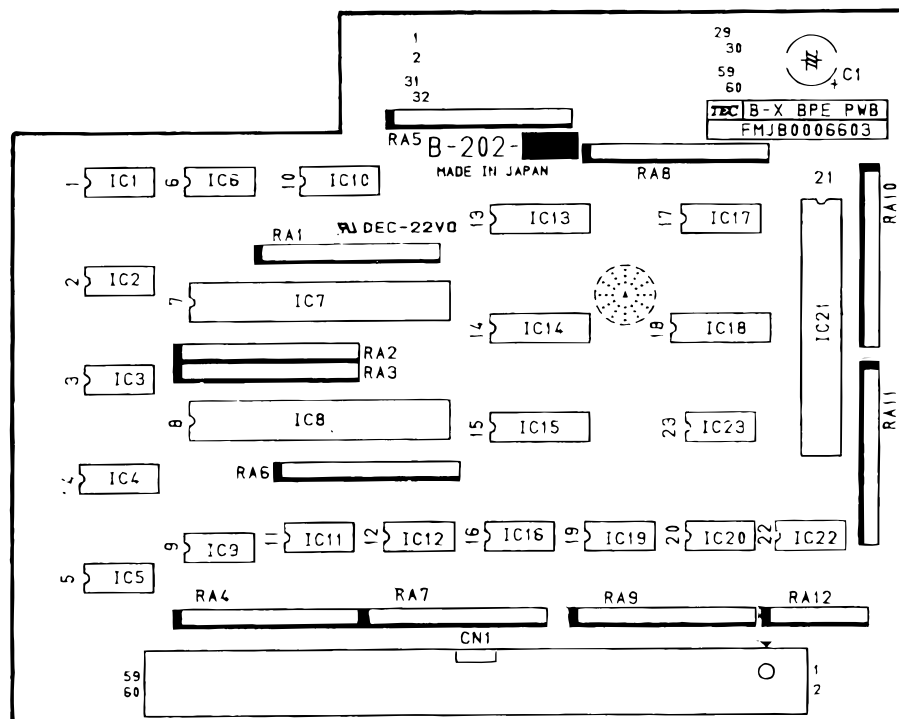


| Ref.No.              | Part No.    | Description                                  | Remarks | *1 | *2 | *3 | *4 |
|----------------------|-------------|----------------------------------------------|---------|----|----|----|----|
|                      | -----       | BPC PC Board Ass'y<br>(Service No. B-203-01) |         | 1  | E  |    |    |
| IC1,6                | CAM-024508A | CMOS IC TC74AC245F TP2                       |         | 2  | E  |    |    |
| IC2~5                | 2420SNLS06S | TTL IC SN74LS06NS                            |         | 4  | E  |    |    |
| IC6,8,18             | CAM-024408A | CMOS IC TC74AC244F                           |         | 3  | E  |    |    |
| IC7,11               | CAF-001407F | TTL IC SN74LS14NS-SR05                       |         | 2  | E  |    |    |
| IC9,12               | CAM-008608A | CMOS IC TC74AC86F                            |         | 2  | E  |    |    |
| IC10,13              | CAM-000408A | CMOS IC TC74AC04F TP1                        |         | 2  | E  |    |    |
| IC14                 | CAF-003010F | TTL IC SN74AS30NS-SR05                       |         | 1  | E  |    |    |
| IC15,19              | CAM-003208A | CMOS IC TC74AC32F TP1                        |         | 2  | E  |    |    |
| IC17                 | CAM-013908A | CMOS IC TC74AC139F TP2                       |         | 1  | E  |    |    |
| R1,4                 | DBK-103JA4J | Tip RSTR. CRG10GJ103T 10K $\Omega$           |         | 2  |    |    |    |
| R2,3                 | DBK-333JA4J | Tip RSTR. CRG10GJ333T 33K $\Omega$           |         | 2  |    |    |    |
| RA1~3,5~8            | 2425240008J | RSTR. Array EXB-F9E103J 10K $\Omega$         |         | 7  |    |    |    |
| RA4                  | DBP-0013001 | RSTR. Array EXB-F9E471J 470 $\Omega$         |         | 1  |    |    |    |
| C1~4,12~14,<br>17~27 | DAB-103MK10 | Ceramic CAP. GRM40B103K 50PT<br>0.01 $\mu$ F |         | 18 |    |    |    |
| C5~11,15             | DAB-101MJ17 | Ceramic CAP. GRM40CH101J<br>50PT 100pF       |         | 8  |    |    |    |
| C16                  | DAA-101CM21 | Electrolytic CESEM1A101 100 $\mu$ F          |         | 1  |    |    |    |
| CN1                  | EAA-2423001 | CONN. 8850-060-170LD                         |         | 1  |    |    |    |
|                      | FMEB0091401 | PC Shield Plate                              |         | 1  |    |    |    |
|                      | 24B50010305 | Flanged Screw FL-3x5                         |         | 2  |    |    |    |
|                      | 24BB001G606 | Sems Screw SM-2.6x6                          |         | 2  |    |    |    |
| DSW1                 | EBC-0065001 | Dip Switch KS08                              |         | 1  |    |    |    |
| J1                   | DBK-000JA4A | Tip RSTR. MCR10EZHJ000 0 $\Omega$            |         | 1  |    |    |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

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## BPC PC BOARD ASS'Y

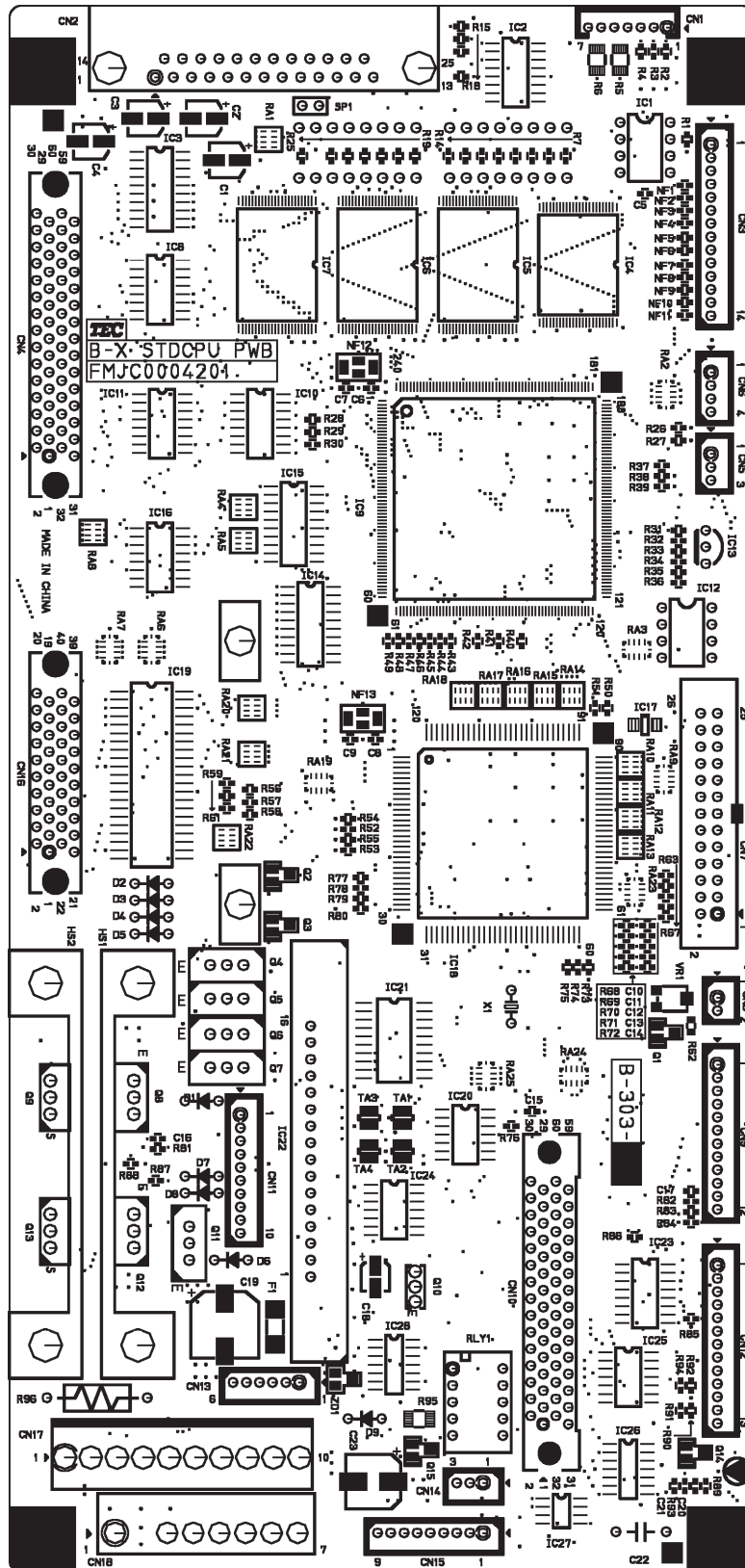


**6 BPC PC BOARD ASS'Y**

| Ref.No.                                              | Part No.    | Description                                  | Remarks | *1 | *2 | *3 | *4 |
|------------------------------------------------------|-------------|----------------------------------------------|---------|----|----|----|----|
|                                                      | -----       | BPE PC Board Ass'y<br>(Service No. B-202-01) |         | 1  | E  |    |    |
| IC1,23                                               | CAM-000808A | CMOS IC TC74AC08F TP1                        |         | 2  | E  |    |    |
| IC2,6                                                | CAM-003208A | CMOS IC TC74AC32F TP1                        |         | 2  | E  |    |    |
| IC3,19                                               | CAM-000408A | CMOS IC TC74AC04F TP1                        |         | 2  | E  |    |    |
| IC4,17                                               | CAM-017508A | CMOS IC TC74AC175F                           |         | 2  | E  |    |    |
| IC5                                                  | CAM-007408A | CMOS IC TC74AC74F TP1                        |         | 1  | E  |    |    |
| IC7,8,21                                             | CAC-0274001 | FIFO IC LH5496D-50                           |         | 3  | E  |    |    |
| IC9,11,12,20                                         | CAF-001407F | TTL IC SN74LS14NS-SR05                       |         | 4  | E  |    |    |
| IC10                                                 | CAM-013808A | CMOS IC TC74AC138F TP1                       |         | 1  | E  |    |    |
| IC13~15,18                                           | CAM-024408A | CMOS IC TC74AC244F                           |         | 4  | E  |    |    |
| IC16,22                                              | 2420SNLS06S | TTL IC SN74LS06NS                            |         | 2  | E  |    |    |
| R101                                                 | DBK-511JA4J | Tip RSTR. CRG10GJ511T 510Ω                   |         | 1  |    |    |    |
| R102~107                                             | DBK-103JA4J | Tip RSTR. CRG10GJ103T 10KΩ                   |         | 6  |    |    |    |
| RA1~3,6,11                                           | 2425240008J | RSTR. Array EXB-F9E103J 10KΩ                 |         | 5  |    |    |    |
| RA4,7,9                                              | DBP-0013001 | RSTR. Array EXB-F9E471J 470Ω                 |         | 3  |    |    |    |
| RA5,8,10                                             | 2425240030J | RSTR. Array EXB-F9E104J 100KΩ                |         | 3  |    |    |    |
| RA12                                                 | 2425240007J | RSTR. Array EXB-F5E103J 10KΩ                 |         | 1  |    |    |    |
| D101~103                                             | CBN-0022001 | Tip Diode HSM107STL                          |         | 3  |    |    |    |
| C1                                                   | DAA-101CM21 | Electrolytic CAP.<br>CESEM1A101 100μF        |         | 1  |    |    |    |
| C101,110~112,<br>118~124,126~<br>131,139~143         | DAB-101MJ17 | Ceramic CAP.<br>GRM40CH101J 50PT 100pF       |         | 22 |    |    |    |
| C102~109,113,<br>115~117,125,<br>132~138,144,<br>146 | DAB-103MK10 | Ceramic CAP.<br>GRM40B103K 50PT 0.01μF       |         | 22 |    |    |    |
| C114,145,<br>147,148                                 | DAB-471MJ07 | Ceramic CAP.<br>GRM40CH471J 50PT 470pF       |         | 4  |    |    |    |
| CN1                                                  | EAA-0299020 | CONN. 5332-60GS1                             |         | 1  |    |    |    |
| CN101                                                | EAA-2395001 | CONN. 8811-060-170S                          |         | 1  |    |    |    |
| J51                                                  | DBK-000JA4A | Tip RSTR. MCR10EZHJ000 0Ω                    |         | 1  |    |    |    |

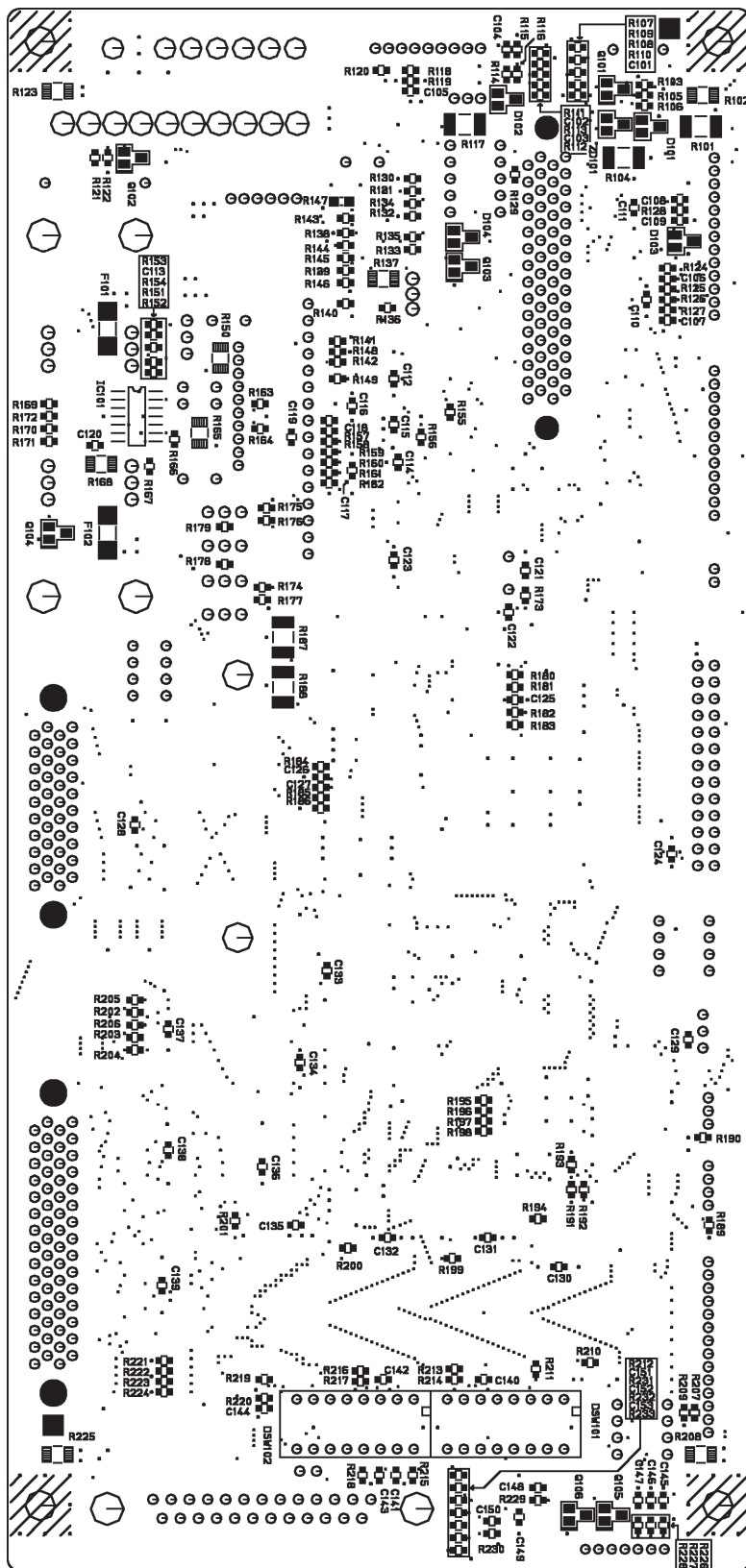
\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

&lt;Part Side&gt;





## &lt;Solder Side&gt;



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**CPU PC BOARD ASS'Y (Serial No. : 0Exxxxxx or later) 1/8**

| Ref.No.      | Part No.                                                                                                                                              | Description                                                                                                                | Remarks                                                                       | *1                    | *2                    | *3 | *4 |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------|-----------------------|----|----|
|              | FMBC0084403                                                                                                                                           | CPU PC Board Ass'y<br>(Service No. B-303-03)                                                                               | B-572-QP                                                                      | 1                     | E                     |    |    |
|              | FMBC0084404                                                                                                                                           | CPU PC Board Ass'y<br>(Service No. B-303-04)                                                                               | B-572-QQ/<br>QQ-US/QQ-CHD                                                     | 1                     | E                     |    |    |
| IC1          | <del>CAG-0521001</del><br>C0-00930000                                                                                                                 | <del>Linear IC TC35098AP (A/DC)</del><br>Linear IC TC35098AP                                                               | Changed:3/'05                                                                 | 1                     | E                     |    |    |
| IC2,23       | <del>CAN-005102E</del><br>C0-09797001                                                                                                                 | <del>CMOS IC BU4051BF</del><br>CMOS IC BU4051BCF-T1                                                                        | Changed:3/'05                                                                 | 2                     | E                     |    | R  |
| IC3          | <del>CAH-0071001</del><br>C0-03426001                                                                                                                 | <del>RS-232C Driver/Receiver<br/>IC MC145407F</del><br>MC145407FR1                                                         | Changed:3/'05                                                                 | 1                     | E                     |    |    |
| IC7          | FMBC0084301                                                                                                                                           | BOOT ROM                                                                                                                   |                                                                               | 1                     | E                     |    |    |
| IC8,10,11,16 | <del>CAM-015722A</del><br>C0-08563001                                                                                                                 | <del>CMOS IC TC74VHC157F</del><br>CMOS IC TC74VHC157F(EL F)                                                                | Changed:3/'05                                                                 | 4                     | E                     |    | R  |
| IC9          | CAJ-0294001<br>C0-13919000                                                                                                                            | Gate Array EC-M100<br>EC-M100 UPD65802GN011LMUA                                                                            | Added:11/'06                                                                  | 1                     | E                     |    |    |
| IC12         | <del>CAD-0288001</del><br>C0-04552000<br>C0-13390000                                                                                                  | <del>EEP-ROM M93C46-BN6</del><br>EEP-ROM AT93C46-10PU-1.8                                                                  | Changed:3/'05<br>Added:1/'07                                                  | 1                     | E                     |    | R  |
|              | <del>EAA-0239001</del><br>E0-00140000                                                                                                                 | <del>IC Socket 2-641260-3</del>                                                                                            | Changed:3/'05                                                                 |                       |                       |    |    |
| IC13         | EAB-0138001<br><del>CAG-0524001</del><br>C0-04374000                                                                                                  | IC Socket 4100-08AT1<br><del>Reset IC PST600D</del><br>Reset IC PST600D-2                                                  | Changed:3/'05                                                                 | 1                     | E                     |    |    |
| IC14,15      | <del>CAM-024522A</del><br>C0-08569001                                                                                                                 | <del>CMOS IC TC74VHC245F</del><br>CMOS IC TC74VHC245F(EL F)                                                                | Changed:3/'05                                                                 | 2                     | E                     |    | R  |
| IC17         | <del>CAQ-0062002</del><br>C0-08638001                                                                                                                 | <del>CMOS IC TC7WH04FU</del><br>CMOS IC TC7WH04FU(TE12L F)                                                                 | Changed:3/'05                                                                 | 1                     | E                     |    | R  |
| IC18         | <del>CAA-0249001</del><br>C0-03339000                                                                                                                 | CPU UPD70236AGD-16-5BB                                                                                                     | Changed:3/'05                                                                 | 1                     | E                     |    |    |
| IC19         | <del>CAC-0503001</del><br>C0-03499000<br><del>CAC-0391006</del><br>C0-04797000<br><del>CAC-0509001</del><br>C0-04819000<br>C0-08187000<br>C0-08188000 | D-RAM MSM5118160B-60JS<br>D-RAM KM416C1200CJ-6<br>D-RAM GM71C18160CJ-6<br>D-RAM MSM5118160F-60JS<br>D-RAM MSM5118160F-60J3 | Changed:3/'05<br>Changed:3/'05<br>Changed:3/'05<br>Added:3/'05<br>Added:3/'05 | 1<br>1<br>1<br>1<br>1 | E<br>E<br>E<br>E<br>E |    | R  |
| IC20         | <del>CAM-001122A</del><br>C0-08557001                                                                                                                 | <del>CMOS IC TC74VHC11F</del><br>CMOS IC TC74VHC11F(EL F)                                                                  | Changed:3/'05                                                                 | 1                     | E                     |    | R  |
| IC21         | <del>CAJ-0343001</del><br>CAJ-0491007<br>C0-08200000                                                                                                  | <del>Gate Array EC-M118A</del><br>Gate Array<br>PALCE16V18H-25SC/4 EC-M253<br>Gate Array EC-M263<br>GAL16V8D-25LS          | Changed:9/2000<br>Added:11/'03                                                | 1                     | E                     |    |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

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## CPU PC BOARD ASS'Y (Serial No. : 0Exxxxxx or later) 2/8

| Ref.No.                                                                                                                                                | Part No.                                                                       | Description                                                                                                                        | Remarks                                                  | *1       | *2 | *3 | *4     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------|----|----|--------|
| IC22                                                                                                                                                   | <del>CAG-0056001</del><br><del>CO-02248000</del><br>CO-10337000                | <del>HIC STK-6712AMK4</del><br>HIC STK6712AMK4-E                                                                                   | Changed:3/'05<br>Changed:9/'05                           | 1        | E  |    | R      |
| IC24                                                                                                                                                   | <del>CAM-003222A</del><br>CO-08572001                                          | <del>CMOS IC TC74VHC32F</del><br>CMOS IC TC74VHC32F(EL F)                                                                          | Changed:3/'05                                            | 1        | E  |    | R      |
| IC25                                                                                                                                                   | <del>CAG-0439001</del><br>CO-05264001                                          | <del>Linear IC M62354FP (D/AC)</del><br>Linear IC M62354FP 70ND                                                                    | Changed:3/'05                                            | 1        | E  |    |        |
| IC26,28,101                                                                                                                                            | <del>CAG-0522001</del><br>CO-09749001                                          | <del>OP Amp BA10324AF</del><br>OP Amp BA10324AF                                                                                    | Changed:3/'05                                            | 3        | E  |    | R      |
| IC27                                                                                                                                                   | <del>CAG-0185001</del><br>CO-09754001                                          | <del>Comparetor IC BA10393F-T1</del><br>Comparetor IC BA10393F-T1                                                                  | Changed:3/'05                                            | 1        | E  |    | R      |
| Q1~3,15,102~106                                                                                                                                        | <del>CBG-0005001</del><br>CO-01810001<br><del>CBG-0017001</del><br>CO-07391001 | <del>XISTOR. DTC124EKT146</del><br>XISTOR. DTC124EKT146<br><del>Chip XISTOR. FA1A4M-T1B</del><br>Chip XISTOR. FA1A4M-T1B-A         | Changed:3/'05<br>Changed:3/'05                           | 9        |    |    | R      |
| Q4,7,11                                                                                                                                                | <del>CBA-0186001</del><br>CO-10851000                                          | <del>NPN XISTOR. 2SD1904R/S-E</del><br>NPN XISTOR. 2SD1904R/S-E                                                                    | Changed:3/'05                                            | 3        |    |    | R      |
| Q5,6                                                                                                                                                   | <del>CBA-0327001</del><br>CO-10840000                                          | <del>PNP XISTOR. 2SB1268-E</del><br>PNP XISTOR. 2SB1268-E                                                                          | Changed:3/'05                                            | 2        |    |    | R      |
| Q8,12                                                                                                                                                  | <del>CBA-0326001</del><br>CO-10850000                                          | <del>NPN XISTOR. 2SD1838</del><br>NPN XISTOR. 2SD1838                                                                              | Changed:3/'05                                            | 2        |    |    | R      |
| Q9,13                                                                                                                                                  | <del>CBQ-0162001</del><br>CO-07337000                                          | <del>FET XISTOR. 2SJ495</del><br>FET XISTOR. 2SJ495-AZ                                                                             | Changed:3/'05                                            | 2        |    |    | R      |
| Q10                                                                                                                                                    | <del>CBA-0091002</del><br><del>CO-02183000</del><br>CO-07883000                | <del>NPN XISTOR. 2SD1802</del><br>NPN XISTOR. 2SD1802S/T-E                                                                         | Changed:3/'05<br>Changed:9/'05                           | 1        |    |    |        |
| Q14,101                                                                                                                                                | <del>CBA-0088001</del><br>CO-07352001<br><del>CBA-0508001</del><br>CO-09738001 | <del>Chip XISTOR. 2SC1621-T1B</del><br>Chip XISTOR.<br>2SC1621-T1B-A<br><del>NPN XISTOR. 2SD2114K</del><br>NPN XISTOR. 2SD2114K146 | Changed:3/'05<br>Changed:3/'05<br>Changed:3/'05          | 2        |    |    | R      |
| TA1~4                                                                                                                                                  | <del>CBG-0061001</del><br>CO-00683001                                          | <del>XISTOR. Array RN460Z</del><br>XISTOR. Array<br>RN4602(TE85R)                                                                  | Changed:3/'05                                            | 4        |    |    |        |
| R1,111,112,<br>115,122,131                                                                                                                             | <del>DBK-472JA5A</del><br><del>DO-19410001</del><br>DO-23928001                | <del>MCR03EZJHJ472 4.7K ohm</del><br><del>MCR03EZJHJ472 4.7K ohm</del><br>MCR03EZPJ472 4.7k ohm                                    | Changed:3/'05<br>Changed:11/'06                          | 6        |    |    | R      |
| R2~4,31,38,<br>52~55,64~67,<br>73~80,83,86,<br>106,110,118,<br>132,133,141,<br>144,145,152,<br>171,175,177~<br>180,182,183,<br>186,189,190,<br>195~198 | <del>DBK-103JA5A</del><br><del>DO-19327001</del><br>DO-23895001                | <del>MCR03EZJHJ103 10K ohm</del><br><del>MCR03EZJHJ103 10K ohm</del><br>MCR03EZPJ103 10k ohm                                       | R86:<br>Deleted:9/'00<br>Changed:3/'05<br>Changed:11/'06 | 47<br>46 |    |    | R<br>R |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

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## CPU PC BOARD ASS'Y (Serial No. : 0Exxxxxx or later) 3/8

| Ref.No.                                                                            | Part No.                                                                                  | Description                                                                               | Remarks                                                | *1     | *2 | *3 | *4     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------|--------|----|----|--------|
| R5                                                                                 | <del>DBK-111JA2A</del><br>D0-20179001                                                     | MCR25JZHJ111 110 ohm                                                                      | Changed:3/'05                                          | 1      |    |    | R      |
| R6,150,165                                                                         | <del>DBK-111JA2S</del><br><del>DBK-221JA2A</del><br>D0-20198001                           | RGC325TRJ111 110 ohm<br>MCR25JZHJ221 220 ohm                                              | Changed:3/'05                                          | 3      |    |    | R      |
| R7,10,13,16,<br>18,20,23                                                           | <del>DBK-222FB5A</del><br>D0-19516001                                                     | MCR03EZPFX2201 2.2K ohm                                                                   | Changed:3/'05                                          | 7      |    |    | R      |
| R8,11,14,17,<br>21,24,129                                                          | <del>DBK-222FB5S</del><br><del>DBK-102FB5A</del><br>D0-19452001                           | RGC168TGF2201 2.2K ohm<br>MCR03EZPFX1001 1K ohm                                           | Changed:3/'05                                          | 7      |    |    | R      |
| R9,12,19,22,<br>25,120                                                             | <del>DBK-102FB5S</del><br><del>DBK-392FB5A</del><br>D0-19579001                           | RGC168TRF1001 1K ohm<br>MCR03EZPFX3901 3.9K ohm                                           | Changed:3/'05                                          | 6      |    |    | R      |
| R15,27,50,86,<br>191,222,224                                                       | <del>DBK-392FB5S</del><br><del>DBK-R00JA5A</del><br><del>D0-19553001</del><br>D0-23887001 | <del>MCR03EZPFX3901 3.9K ohm</del><br><del>MCR03EZHJ000 0 ohm</del><br>MCR03EZPJ000 0 ohm | R86:<br>Added:9/'00<br>Changed:3/'05<br>Changed:11/'06 | 6<br>7 |    |    | R<br>R |
| R28~30,32~37,<br>40~49,56~61,<br>68~72,149,<br>156,181,184,<br>185,192,202~<br>204 | <del>DBK-470JA5A</del><br><del>D0-19408001</del><br>D0-23926001                           | <del>MCR03EZHJ470 47 ohm</del><br>MCR03EZPJ470 47 ohm                                     | Changed:3/'05<br>Changed:11/'06                        | 39     |    |    | R<br>R |
| R62                                                                                | <del>DBK-560JA4A</del><br>D0-19991001                                                     | MCR10EZHJ560 56 ohm                                                                       | Changed:3/'05                                          | 1      |    |    | R      |
| R63,82,89,<br>107,119,140,<br>226~228                                              | <del>DBK-560JA4S</del><br><del>DBK-102JA5A</del><br><del>D0-19326001</del><br>D0-23893001 | RGC210TRJ560 56 ohm<br><del>MCR03EZHJ102 1K ohm</del><br>MCR03EZPJ102 1k ohm              | Changed:3/'05<br>Changed:11/'06                        | 9      |    |    | R<br>R |
| R81,87,134                                                                         | <del>DBK-153JA5A</del><br><del>D0-19349001</del><br>D0-23909001                           | <del>MCR03EZHJ153 15K ohm</del><br>MCR03EZPJ153 15k ohm                                   | Changed:3/'05<br>Changed:11/'06                        | 3      |    |    | R<br>R |
| R84,85                                                                             | <del>DBK-103FB5A</del><br>D0-19453001                                                     | MCR03EZPFX1002 10K ohm                                                                    | Changed:3/'05                                          | 2      |    |    | R      |
| R90                                                                                | <del>DBK-223JA5A</del><br><del>D0-19369001</del><br>D0-23917001                           | <del>MCR03EZHJ223 22K ohm</del><br>MCR03EZPJ223 22k ohm                                   | Changed:3/'05<br>Changed:11/'06                        | 1      |    |    | R<br>R |
| R91                                                                                | <del>DBK-163JA5A</del><br><del>D0-19353001</del><br>D0-25564001                           | <del>MCR03EZHJ163 16K ohm</del><br>MCR03EZPJ163 16k ohm                                   | Changed:3/'05<br>Changed:11/'06                        | 1      |    |    | R<br>R |
| R92                                                                                | <del>DBK-163JA5S</del><br><del>DBK-153FB5A</del><br>D0-19483001                           | RGC168RJ163 16K ohm<br>MCR03EZPFX1502 15K ohm                                             | Changed:3/'05                                          | 1      |    |    | R      |
| R93,128                                                                            | <del>DBK-104JA5A</del><br><del>D0-19328001</del><br>D0-23897001                           | <del>MCR03EZHJ104 100K ohm</del><br>MCR03EZPJ104 100k ohm                                 | Changed:3/'05<br>Changed:11/'06                        | 2      |    |    | R<br>R |
| R94                                                                                | <del>DBK-113FB5A</del><br>D0-19459001                                                     | MCR03EZPFX1102 11K ohm                                                                    | Changed:3/'05                                          | 1      |    |    | R      |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

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## CPU PC BOARD ASS'Y (Serial No. : 0Exxxxxx or later) 4/8

| Ref.No.  | Part No.                              | Description                      | Remarks        | *1 | *2 | *3 | *4 |
|----------|---------------------------------------|----------------------------------|----------------|----|----|----|----|
| R96      | <del>DBC-102JA3E</del><br>D0-21202001 | RSMF2B102J 1K ohm                | Changed:3/'05  | 1  |    |    | R  |
|          | <del>DBC-102JA3S</del><br>D0-02913001 | RLF2SPT52J102 1K ohm             | Changed:3/'05  |    |    |    |    |
| R101,104 | <del>DBK-151JA1A</del><br>D0-20306001 | MCR50JZHJ151 150 ohm             | Changed:3/'05  | 2  |    |    | R  |
| R103     | <del>DBK-222JA5A</del><br>D0-19368001 | <del>MCR03EZHJ222 2.2K ohm</del> | Changed:3/'05  | 1  |    |    | R  |
|          | D0-23916001                           | MCR03EZPJ222 2.2k ohm            | Changed:11/'06 |    |    |    | R  |
| R105     | <del>DBK-564JA5A</del><br>D0-19424001 | <del>MCR03EZHJ564 560K ohm</del> | Changed:3/'05  | 1  |    |    | R  |
|          | D0-25116001                           | MCR03EZPJ564 560k ohm            | Changed:11/'06 |    |    |    | R  |
| R108     | <del>DBK-334JA5A</del><br>D0-19392001 | <del>MCR03EZHJ334 330 Kohm</del> | Changed:3/'05  | 1  |    |    | R  |
|          | D0-23924001                           | MCR03EZPJ334 330K ohm            | Changed:11/'06 |    |    |    | R  |
| R109     | <del>DBK-362JA5A</del><br>D0-19395001 | <del>MCR03EZHJ362 3.6K ohm</del> | Changed:3/'05  | 1  |    |    | R  |
|          | D0-25580001                           | MCR03EZPJ362 3.6k ohm            | Changed:11/'06 |    |    |    | R  |
| R113     | <del>DBK-682JA5A</del><br>D0-19434001 | <del>MCR03EZHJ682 6.8K ohm</del> | Changed:3/'05  | 1  |    |    | R  |
|          | D0-25602001                           | MCR03EZPJ682 6.8k ohm            | Changed:11/'06 |    |    |    | R  |
| R114     | <del>DBK-563JA5A</del><br>D0-19423001 | <del>MCR03EZHJ563 56K ohm</del>  | Changed:3/'05  | 1  |    |    | R  |
|          | D0-24723001                           | MCR03EZPJ563 56k ohm             | Changed:11/'06 |    |    |    | R  |
| R116     | <del>DBK-224JA5A</del><br>D0-19370001 | <del>MCR03EZHJ224 220K ohm</del> | Changed:3/'05  | 1  |    |    | R  |
|          | D0-23972001                           | MCR03EZPJ224 220k ohm            | Changed:11/'06 |    |    |    | R  |
| R117     | <del>DBK-272JA1A</del><br>D0-20324001 | MCR50JZHJ272 2.7K ohm            | Changed:3/'05  | 1  |    |    | R  |
| R121     | <del>DBK-333JA5A</del><br>D0-19391001 | <del>MCR03EZHJ333 33K ohm</del>  | Changed:3/'05  | 1  |    |    | R  |
|          | D0-25110001                           | MCR03EZPJ333 33k ohm             | Changed:11/'06 |    |    |    | R  |
| R124,127 | <del>DBK-563FB5A</del><br>D0-19620001 | MCR03EZPFX5602 56K ohm           | Changed:3/'05  | 2  |    |    | R  |
|          | DBK-563FB5S                           | RGC168TRF5602 56K ohm            |                |    |    |    |    |
| R125     | <del>DBK-203JA5A</del><br>D0-19364001 | <del>MCR03EZHJ203 20K ohm</del>  | Changed:3/'05  | 1  |    |    | R  |
|          | D0-25108001                           | MCR03EZPJ203 20k ohm             | Changed:11/'06 |    |    |    | R  |
| R126,138 | <del>DBK-273JA5A</del><br>D0-19555001 | <del>MCR03EZHJ273 27K ohm</del>  | Changed:3/'05  | 2  |    |    | R  |
|          | D0-25577001                           | MCR03EZPJ273 27k ohm             | Changed:11/'06 |    |    |    | R  |
| R130     | <del>DBK-332JA5A</del><br>D0-19390001 | <del>MCR03EZHJ332 3.3K ohm</del> | Changed:3/'05  | 1  |    |    | R  |
|          | D0-23923001                           | MCR03EZPJ332 3.3k ohm            | Changed:11/'06 |    |    |    | R  |
| R135,139 | <del>DBK-154JA5A</del><br>D0-19350001 | <del>MCR03EZHJ154 150K ohm</del> | Changed:3/'05  | 2  |    |    | R  |
|          | D0-23910001                           | MCR03EZPJ154 150k ohm            | Changed:11/'06 |    |    |    | R  |
| R137     | <del>DBK-560JA2A</del><br>D0-20245001 | MCR25JZHJ560 56 ohm              | Changed:3/'05  | 1  |    |    | R  |
|          | DBK-560JA2S                           | RGC325TRJ560 56 ohm              |                |    |    |    |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

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## CPU PC BOARD ASS'Y (Serial No. : 0Exxxxxx or later) 5/8

| Ref.No.  | Part No.                                         | Description                                                        | Remarks        | *1 | *2 | *3 | *4 |
|----------|--------------------------------------------------|--------------------------------------------------------------------|----------------|----|----|----|----|
| R146,209 | <del>DBK-432JA5A</del><br><del>D0-19406001</del> | <del>MCR03EZHJ432 4.3K ohm</del>                                   | Changed:3/'05  | 2  |    |    | R  |
|          | D0-25592001                                      | MCR03EZPJ432 4.3k ohm                                              | Changed:11/'06 |    |    |    | R  |
| R147     | <del>DBK-432JA5S</del><br><del>DBK-103JA4A</del> | <del>RG168TRJ432 4.3K ohm</del><br><del>MCR10EZHJ103 10K ohm</del> |                | 1  |    |    |    |
|          | D0-19902001                                      |                                                                    | Changed:3/'05  |    |    |    | R  |
| R151     | <del>DBK-271JA5A</del><br><del>D0-19378001</del> | <del>MCR03EZHJ271 270 ohm</del>                                    |                | 1  |    |    |    |
|          | D0-25576001                                      | MCR03EZPJ271 270 ohm                                               | Changed:11/'06 |    |    |    | R  |
| R153,167 | <del>DBK-221JA5A</del><br><del>D0-19367001</del> | <del>MCR03EZHJ221 220 ohm</del>                                    |                | 2  |    |    |    |
|          | D0-23915001                                      | MCR03EZPJ221 220 ohm                                               | Changed:11/'06 |    |    |    | R  |
| R154,166 | <del>DBK-683JA5A</del><br><del>D0-19435001</del> | <del>MCR03EZHJ683 68K ohm</del>                                    |                | 2  |    |    |    |
|          | D0-25607001                                      | MCR03EZPJ683 68k ohm                                               | Changed:11/'06 |    |    |    | R  |
| R157     | <del>DBK-391FB5A</del><br><del>D0-19578001</del> | <del>MCR03EZPF3900 390 ohm</del>                                   |                | 1  |    |    |    |
|          | DBK-391FB5S                                      | RG168TRF3900 390 ohm                                               | Changed:3/'05  |    |    |    | R  |
| R158     | <del>DBK-512FB5A</del><br><del>D0-19608001</del> | <del>MCR03EZPF5101 5.1K ohm</del>                                  |                | 1  |    |    |    |
|          | DBK-512FB5S                                      | RG168TRF5101 5.1K ohm                                              | Changed:3/'05  |    |    |    | R  |
| R159,161 | <del>DBK-682FB5A</del><br><del>D0-19639001</del> | <del>MCR03EZPF6801 6.8K ohm</del>                                  |                | 2  |    |    |    |
|          | DBK-682FB5S                                      | RG168TRF6801 6.8K ohm                                              | Changed:3/'05  |    |    |    | R  |
| R160     | <del>DBK-822FB5A</del><br><del>D0-19656001</del> | <del>MCR03EZPF8201 8.2K ohm</del>                                  |                | 1  |    |    |    |
|          | DBK-822FB5S                                      | RG168TRF8201 8.2K ohm                                              | Changed:3/'05  |    |    |    | R  |
| R162     | <del>DBK-303FB5A</del><br><del>D0-19548001</del> | <del>MCR03EZPF3002 30K ohm</del>                                   |                | 1  |    |    |    |
|          | DBK-303FB5S                                      | RG168TRF3002 30K ohm                                               | Changed:3/'05  |    |    |    | R  |
| R163,164 | <del>DBK-912JA5A</del><br><del>D0-19448001</del> | <del>MCR03EZHJ912 9.1K ohm</del>                                   |                | 2  |    |    |    |
|          | D0-25614001                                      | MCR03EZPJ912 9.1k ohm                                              | Changed:11/'06 |    |    |    | R  |
|          | DBK-912JA5S                                      | RG168TRJ912 9.1K ohm                                               | Changed:5/2000 |    |    |    | R  |
| R168     | <del>DBK-151JA2A</del><br><del>D0-20185001</del> | <del>MCR25JZHJ151 150 ohm</del>                                    |                | 1  |    |    |    |
|          | DBK-151JA2S                                      | RG168TRJ151 150 ohm                                                | Changed:3/'05  |    |    |    | R  |
| R169,170 | <del>DBK-100JA5A</del><br><del>D0-19324001</del> | <del>MCR03EZHJ100 10 ohm</del>                                     |                | 2  |    |    |    |
|          | D0-23889001                                      | MCR03EZPJ100 10 ohm                                                | Changed:11/'06 |    |    |    | R  |
| R172     | <del>DBK-822JA5A</del><br><del>D0-19443001</del> | <del>MCR03EZHJ822 8.2K ohm</del>                                   |                | 1  |    |    |    |
|          | D0-23942001                                      | MCR03EZPJ822 8.2k ohm                                              | Changed:11/'06 |    |    |    | R  |
| R173     | <del>DBK-330JA5A</del><br><del>D0-19388001</del> | <del>MCR03EZHJ330 33 ohm</del>                                     |                | 1  |    |    |    |
|          | D0-23921001                                      | MCR03EZPJ330 33 ohm                                                | Changed:11/'06 |    |    |    | R  |
| R174,176 | <del>DBK-471JA5A</del><br><del>D0-19409001</del> | <del>MCR03EZHJ471 470 ohm</del>                                    |                | 2  |    |    |    |
|          | D0-23927001                                      | MCR03EZPJ471 470 ohm                                               | Changed:11/'06 |    |    |    | R  |
| R187,188 | <del>DBK-222JA1A</del><br><del>D0-20318001</del> | <del>MCR50JZHJ222 2.2K ohm</del>                                   |                | 2  |    |    |    |
|          |                                                  |                                                                    | Changed:3/'05  |    |    |    | R  |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

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## CPU PC BOARD ASS'Y (Serial No. : 0Exxxxxx or later) 6/8

| Ref.No.                                                              | Part No.                                                                       | Description                                                                  | Remarks                         | *1 | *2 | *3 | *4     |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------|----|----|----|--------|
| R136,143,199~<br>201,205,206,<br>211                                 | <del>DBK-101JA5A</del><br><del>DO-19325001</del><br>DO-23891001                | <del>MCR03EZHH101 100 ohm</del><br>MCR03EZPJ101 100 ohm                      | Changed:3/'05<br>Changed:11/'06 | 8  |    |    | R<br>R |
| R207                                                                 | <del>DBK-152JA5A</del><br><del>DO-19348001</del><br>DO-23907001                | <del>MCR03EZHH152 1.5K ohm</del><br>MCR03EZPJ152 1.5k ohm                    | Changed:3/'05<br>Changed:11/'06 | 1  |    |    | R<br>R |
| R212,215,218,<br>229~232                                             | <del>DBK-681FB5A</del><br>DO-19638001                                          | MCR03EZPFX6800 680 ohm                                                       | Changed:3/'05                   | 7  |    |    | R      |
| R225                                                                 | <del>DBK-681FB5S</del><br><del>DBK-R00JA2A</del><br>DO-20172001<br>DBK-R00JA2S | RGC168TRF6800 680 ohm<br>MCR25JZHJ000 0 ohm<br>RGC325TRJ000 0 ohm            | Changed:3/'05<br>Changed:3/'05  | 1  |    |    | R      |
| RA1,8,10~13,<br>22                                                   | <del>DBP-0015001</del><br>DO-20263001                                          | RSTR. Array MNR14E0AJ101<br>100 ohm                                          | Changed:3/'05                   | 7  |    |    | R      |
| RA2,3,6,7,9,<br>19,23~25                                             | <del>DBP-0294001</del><br>DO-23073001                                          | RSTR. Array RNA4A8E103JT<br>10K ohm                                          | Changed:3/'05                   | 9  |    |    |        |
| RA4,5,14~18,<br>20,21                                                | DBP-0015038<br>DO-20289001                                                     | RSTR. Array MNR14E0AJ470<br>47 ohm                                           | Changed:3/'05                   | 9  |    |    | R      |
| VR1                                                                  | <del>DBG-0196001</del><br><del>DO-05517001</del><br>DO-22875001                | Chip V. RSTR.<br>RVG4H01-102VM TC 1K ohm<br>PVM4A102A01R00<br>PVM4A102C01R00 | Changed:3/'05<br>Changed:9/'05  | 1  | E  |    |        |
| ZD1                                                                  | <del>CBG-0361001</del><br>CO-00433001                                          | <del>Z. Diode 02CZ4.3-X</del><br>Z. Diode 02CZ4.3-X(TE85R)                   | Changed:3/'05                   | 1  |    |    |        |
| ZD101                                                                | <del>CBG-0222001</del><br>CO-00435001                                          | <del>Z. Diode 02CZ4.7-Y</del><br>Z. Diode 02CZ4.7-Y(TE85R)                   | Changed:3/'05                   | 1  |    |    |        |
| D1~8                                                                 | <del>CBE-0085001</del><br>CO-09544001                                          | <del>Diode AM01Z</del><br>Diode AM01ZV1                                      | Changed:3/'05                   | 8  |    |    | R      |
| D9                                                                   | <del>CBE-0029001</del><br>CO-11907000                                          | Diode ERA15-01                                                               | Changed:3/'05                   | 1  |    |    |        |
| D101~104                                                             | <del>CBE-0100001</del><br>CO-08894001                                          | <del>Chip Diode 1SS187-TE85L</del><br>Chip Diode 1SS187(TE85L F)             | Changed:3/'05                   | 4  |    |    | R      |
| C1~4                                                                 | <del>DAA-100HM14</del><br>DO-18359001                                          | <del>UWT1E100MCR1GB</del> 10 micro F<br>UWT1E100MCL1GB                       | Changed:3/'05                   | 4  |    |    |        |
| C5~9,15,16,<br>101,110~118,<br>123,124,128~<br>139,149               | <del>DAB-103MK15</del><br>DO-04100001                                          | <del>GRM39B103K50PT</del> 0.01 micro F<br>GRM188B11H103KA01D                 | Changed:3/'05                   | 32 |    |    | R      |
| C17,20,102,<br>103,105~108,DO<br>120,141,143,<br>145~148,150~<br>153 | <del>DAB-104HZ15</del><br>DO-04098001                                          | <del>GRM39F104Z25PT</del> 0.1 micro F<br>GRM188F11E104ZA01D                  | Changed:3/'05                   | 19 |    |    | R      |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

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## CPU PC BOARD ASS'Y (Serial No. : 0Exxxxxx or later) 7/8

| Ref.No. | Part No.                                                                                                                               | Description                                                                                                                                          | Remarks                                                                                                   | *1                  | *2 | *3 | *4         |
|---------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------|----|----|------------|
| C18     | <del>DAA-100FM04</del><br>D0-18391001                                                                                                  | <del>UWX1C100MCR1GB</del> 10 micro F<br>UWX1C100MCL1GB                                                                                               | Changed:3/'05                                                                                             | 1                   |    |    |            |
| C19     | <del>DAA-101MM27</del><br>D0-18291001                                                                                                  | <del>UUR1H101MNR1GS</del> 100 micro F<br>UUR1H101MNL1GS                                                                                              | Changed:3/'05                                                                                             | 1                   |    |    |            |
| C21,109 | <del>DAB-102MK23</del><br>D0-04101001                                                                                                  | <del>GRM39B102K50PT</del> 1000pF<br>GRM188B11H102KA01D                                                                                               | Changed:3/'05                                                                                             | 2                   |    |    | R          |
| C23     | <del>DAA-221CM57</del><br>D0-18388001                                                                                                  | <del>UWX1A221MCR1GB</del> 220 micro F<br>UWX1A221MCL1GB                                                                                              | Changed:3/'05                                                                                             | 1                   |    |    |            |
| C104    | <del>DAB-561MK09</del><br>D0-07520001                                                                                                  | <del>GRM39B561K50PT</del> 560pF<br>GRM188B11H561KA01D                                                                                                | Changed:3/'05                                                                                             | 1                   |    |    | R          |
| C119    | <del>DAB-101MJ21</del><br>D0-04102001                                                                                                  | <del>GRM39CH101J50PT</del> 100pF<br>GRM1882C1H101JA01D                                                                                               | Changed:3/'05                                                                                             | 1                   |    |    | R          |
| C121    | <del>DAB-050MK01</del><br>D0-07500001                                                                                                  | <del>GRM39CH050C50PT</del> 5pF<br>GRM1882C1H5R0CZ01D                                                                                                 | Changed:3/'05                                                                                             | 1                   |    |    | R          |
|         |                                                                                                                                        | <Film CAP.>                                                                                                                                          |                                                                                                           |                     |    |    |            |
| C22     | <del>DAC-334MK02</del><br>D0-03738000<br>DAC-334MJ02                                                                                   | DTDB1H334K 0.33 micro F<br>ECQV1H334JZ 0.33 micro F                                                                                                  | Changed:3/'05                                                                                             | 1                   |    |    |            |
| CN1     | <del>EAA-2187001</del><br>E0-06791000<br>E0-09514000                                                                                   | <del>CONN. B7B-PH-K-S</del><br>CONN. B7B-PH-K-S (LF)<br>CONN. B7B-PH-K-S (LF) (SN)                                                                   | Changed:3/'05<br>Added: 4/'06                                                                             | 1                   |    |    | R<br>R     |
| CN2     | <del>EAA-0361028</del><br><br><del>E0-04638000</del><br>E0-08167000<br><del>EAA-0361029</del><br><del>E0-04636000</del><br>E0-08164000 | <del>CONN. 17LE-13250-27 (D4CH)</del><br><br>CONN. 17LE-13250-27 (D4CH)-FA<br><del>CONN. 17LE-13250-27 (D4AH)</del><br>CONN. 17LE-13250-27 (D4AH)-FA | B-572-QQ/<br>QQ-US/QQ-CHD<br>Changed:3/'05<br>Changed:4/'06<br>B-572-QP<br>Changed:3/'05<br>Changed:4/'06 | 1<br><br>1<br><br>1 |    |    | R<br><br>R |
| CN3     | <del>EAA-2387001</del><br>E0-01086000                                                                                                  | CONN. 53014-1412                                                                                                                                     | Changed:3/'05                                                                                             | 1                   |    |    | R          |
| CN4     | <del>EAA-2306001</del><br>E0-00640000                                                                                                  | CONN. 52326-0601                                                                                                                                     | Changed:3/'05                                                                                             | 1                   |    |    |            |
| CN5     | <del>EAA-2303001</del><br>E0-01071000                                                                                                  | CONN. 53014-0311                                                                                                                                     | Changed:3/'05                                                                                             | 1                   |    |    |            |
| CN6     | <del>EAA-0046002</del><br>E0-00616000                                                                                                  | CONN. 53014-0410                                                                                                                                     | Changed:3/'05                                                                                             | 1                   |    |    | R          |
| CN7     | <del>EAA-0011001</del><br>E0-00953000                                                                                                  | CONN. 5332-26T2                                                                                                                                      | Changed:3/'05                                                                                             | 1                   |    |    | R          |
| CN8     | <del>EAA-0290003</del><br>E0-00614000                                                                                                  | CONN. 53014-0210                                                                                                                                     | Changed:3/'05                                                                                             | 1                   |    |    | R          |
| CN9     | <del>EAA-2388001</del><br>E0-01084000                                                                                                  | CONN. 53014-1213                                                                                                                                     | Changed:3/'05                                                                                             | 1                   |    |    | R          |
| CN10    | <del>EAA-2394001</del><br>E0-02952000                                                                                                  | CONN. 8801-060-170S                                                                                                                                  | Changed:3/'05                                                                                             | 1                   |    |    |            |
| CN11    | <del>EAA-2386001</del><br>E0-01083000                                                                                                  | CONN. 53014-1012                                                                                                                                     | Changed:3/'05                                                                                             | 1                   |    |    | R          |
| CN12    | <del>EAA-2302001</del><br>E0-00624000                                                                                                  | CONN. 53014-1310                                                                                                                                     | Changed:3/'05                                                                                             | 1                   |    |    | R          |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts



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## CPU PC BOARD ASS'Y (Serial No. : 0Exxxxxx or later) 8/8

| Ref.No.    | Part No.                                                                                      | Description                                                                                                                                                 | Remarks                                                                                                                                  | *1               | *2 | *3 | *4 |
|------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------|----|----|----|
| CN13       | <del>EAA-0290004</del><br>E0-00618000                                                         | CONN. 53014-0610                                                                                                                                            | Changed:3/'05                                                                                                                            | 1                |    |    | R  |
| CN14       | <del>EAA-1178001</del><br>E0-00615000                                                         | CONN. 53014-0310                                                                                                                                            | Changed:3/'05                                                                                                                            | 1                |    |    | R  |
| CN15       | <del>EAA-0520001</del><br>E0-00621000                                                         | CONN. 53014-0910                                                                                                                                            | Changed:3/'05                                                                                                                            | 1                |    |    | R  |
| CN16       | <del>EAA-1696001</del><br>E0-00638000                                                         | CONN. 52326-0401<br>Changed:3/'05                                                                                                                           |                                                                                                                                          | 1                |    |    |    |
| CN17       | <del>EAA-2251001</del><br>E0-07483000                                                         | <del>CONN. B10P-VH</del><br>CONN. B10P-VH (LF)                                                                                                              | Changed:3/'05                                                                                                                            | 1                |    |    | R  |
| CN18       | EAA-0319001                                                                                   | CONN. 5275-07A                                                                                                                                              |                                                                                                                                          | 1                |    |    |    |
| DSW101,102 | <del>EBC-0065001</del><br>E0-02314000                                                         | DIP Switch KS-08                                                                                                                                            | Changed:3/'05                                                                                                                            | 2                |    |    |    |
| F1,101,102 | <del>EHA-0213006</del><br><del>E0-03832001</del><br>E0-09347001                               | <del>Fuse R451002</del><br><del>0451-002MR</del><br>Fuse 0451002.MRL                                                                                        | Changed:3/'05<br>Changed:11/'06                                                                                                          | 3                | D  |    | R  |
| RLY1       | <del>ELA-0026001</del><br>E0-02317000                                                         | Relay A-5W-K                                                                                                                                                | Changed:3/'05                                                                                                                            | 1                |    |    | R  |
| X1         | <del>DCD-0267001</del><br>D0-05752000                                                         | <del>Crystal CSA32.00MXZ040</del><br>Crystal CSALA32M0X51-B0                                                                                                | Changed:3/'05                                                                                                                            | 1                | E  |    |    |
| NF1~1      | <del>DDG-0115003</del><br>D0-04444001                                                         | <del>Noise Filter BLM11A121SPT</del><br>Noise Filter<br>BLM18AG121SN1D                                                                                      | Changed:3/'05                                                                                                                            | 11               |    |    | R  |
| NF12,13    | <del>DDA-0208001</del><br>D0-05466001                                                         | <del>Noise Filter NFM41P11C204</del><br>Noise Filter<br>NFM41PC204F1H3L                                                                                     | Changed:3/'05                                                                                                                            | 2                |    |    | R  |
| SP1        | <del>EAA-1475001</del><br>E0-03703000                                                         | Jumper CONN.<br>PS-2PF-D4T1-PKLI                                                                                                                            | Changed:3/'05                                                                                                                            | 1                |    |    |    |
| HS1,2      | FMEB0087201<br>FMEB0087301<br>FMEB0087401                                                     | Heat Sink A<br>Heat Sink B<br>Heat Sink C                                                                                                                   | Attached to<br>Heat Sink A<br>Attached to<br>Heat Sink A                                                                                 | 2<br>1<br>1      |    |    |    |
|            | <del>X0110306136</del><br>X0-00055000<br><del>X0110325137</del><br>X0-00135000<br>FMEB0085201 | <del>Sems Screw SM-3x6C</del><br>Double Sems Screw M-3x6<br><del>Sems Screw SM-3x25C</del><br>Double Sems Screw M-3x25<br>Shield Plate for<br>RS-232C CONN. | Fixed for Heat<br>Sink A to PWB<br>Changed:3/'05<br>Fixed for Heat<br>Sink B and C<br>to Heat Sink A<br>Changed:3/'05<br>Attached to CN2 | 4<br>2<br>2<br>1 |    |    |    |

\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts