



TEC Label/Tag Printer

# B-850 SERIES

## Parts List

Document No. **EO8-33009**

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(Revised                      )

PRINTED IN JAPAN

**TOSHIBA TEC CORPORATION**

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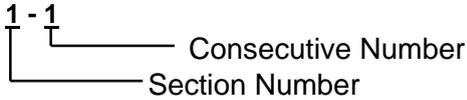
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**CAUTION:**

- 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.

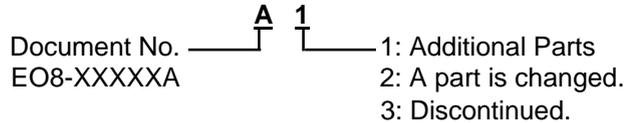
5) The columns from \*1 through \*4 indicates as follows:

\*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: New part (Indicated with "O ")

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.
Ref.No.	Resistor	RSTR.	CN	Connector	CONN.
RA	Resistor Array	RSTR.Array	ZD	Zener Diode	Z.Diode
VA(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.



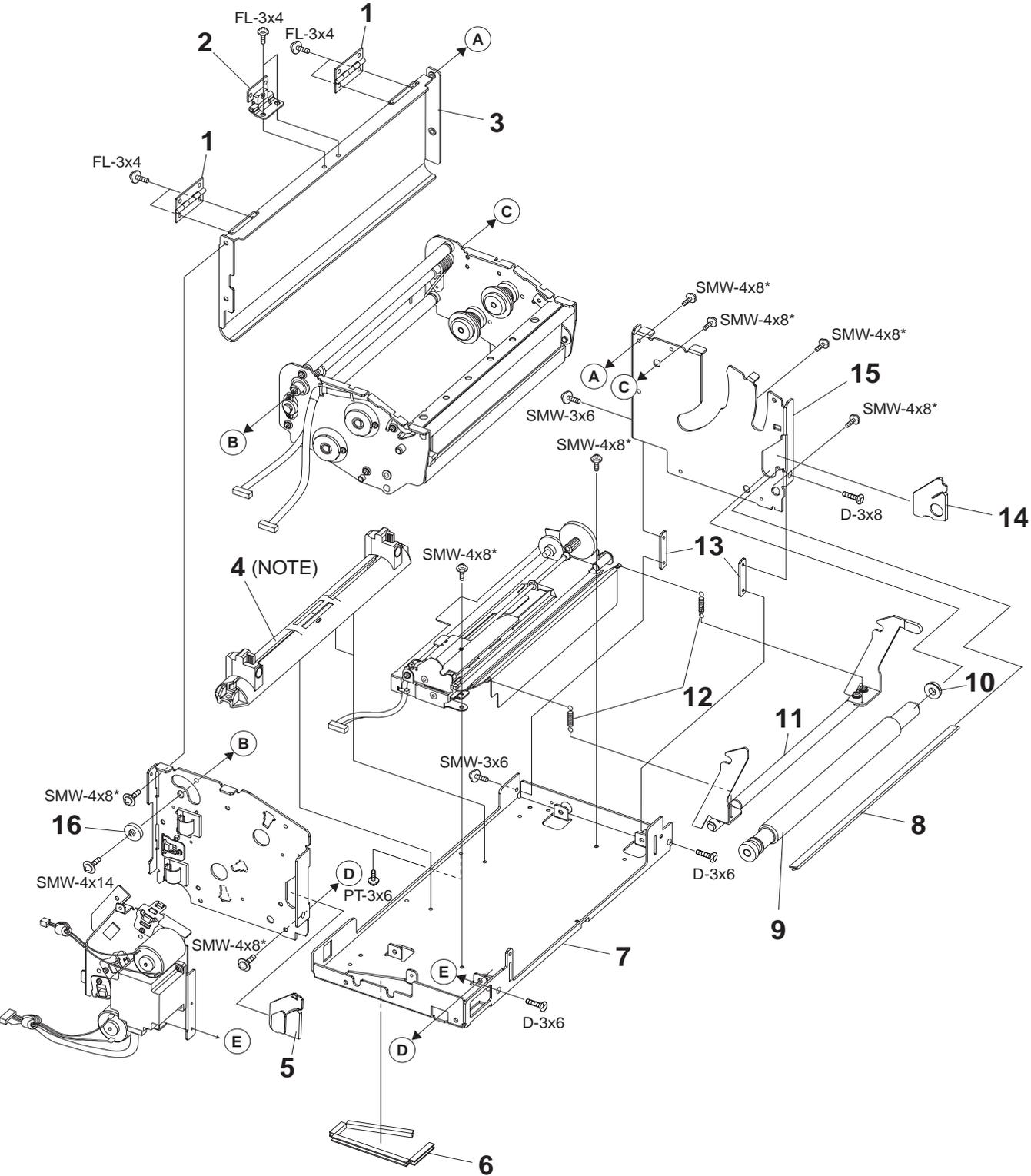
**1 COVER BLOCK**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
1-1	<u>FMBD0041701</u>	CPU PC Board Ass'y (Service No. B-313-01)		1	E		
	<u>FMBD0046404</u>	CPU PC Board Ass'y (MAIN 3) (Service No. B-343-04)	QQ, QP Added: 2/'03	1	E		
	<u>FMBD0046410</u>	CPU PC Board Ass'y (MAIN 3) (Service No. B-343-04)	CN Added:4/'04	1	E		
1-2	FMED0034901	PCB Back Plate		1			
1-3	FMEB0129901	Interface Cover		1			
1-4	FMEB0129501	PCMCIA Blind Plate		1			
1-5	FMEB0129401	PCB Holder Plate		1			
1-6	FMCC0054301	Top Cover		1			
1-7	<u>FMBC0090101</u>	Operation Panel Ass'y		1			
1-8	FMBC0091901	Operation Panel Cover Ass'y		1	E		
1-9	FMEB0131001	Earth Plate		1			
1-10	FMHC0025001	Key Switch		1	E		
1-11	FMBB0062001	Panel PCB Ass'y		1	E		
1-12	FMCB0104901	Operation Panel Harness		1	E		
1-13	FMEE0017701	Side Cover L		1			
1-14	FMEB0129901	Interface Cover		1			
1-15	FMED0035001	PCL5 Base		1			
1-16	FFC-0058001	Base Foot TM-201-4		4			
1-17	FDD-0035002	Cable Clamp DKN-10G		1			
1-18	FMEE0018001	PSU Base		1			
1-19	FMCB0104601	Power Harness		1	E		
1-20	FMMB0045801	DOC Label	QQ	1			
1-21	FMMB0062101	CE Mark Label	QP	1			
	FMMB0034501	FCC Label	QQ	1			
1-22	FMCB0104401	Inlet Ass'y		1	D		
1-23	VDBC0001002	PS Unit (100/120V)	QQ	1	E		
	VDBC0001101	PS Unit (220/240V)	QP CN Added:4/'04	1	E		
1-24	VDQB0014201	Reactor HL-B850-EU-02	QP CN Added:4/'04	1	E		
1-25	FMEB0130901	Switch Cover		1			
1-26	FMED0035101	Front Cover		1			
1-27	FMEE0017801	Side Cover R		1			
1-28	FMCC0025001	Supply Path Label	QQ, QP	1			
	7FM00623000	Supply Path Label	CN Added:4/'04	1			
1-29	FMCC0020201	Caution Label	QQ, QP	1			
	7FM00665000	Caution Label	CN Added:4/'04	1			
1-30	FMMB0072501	Caution Sign Label B	QP CN Added:4/'04	1			
1-31	FMCC0025201	Supply Loading Instruction Label	QQ, QP	1			
	7FM00624000	Supply Loading Instruction Label	CN Added:4/'04	1			

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

2

FEED BLOCK



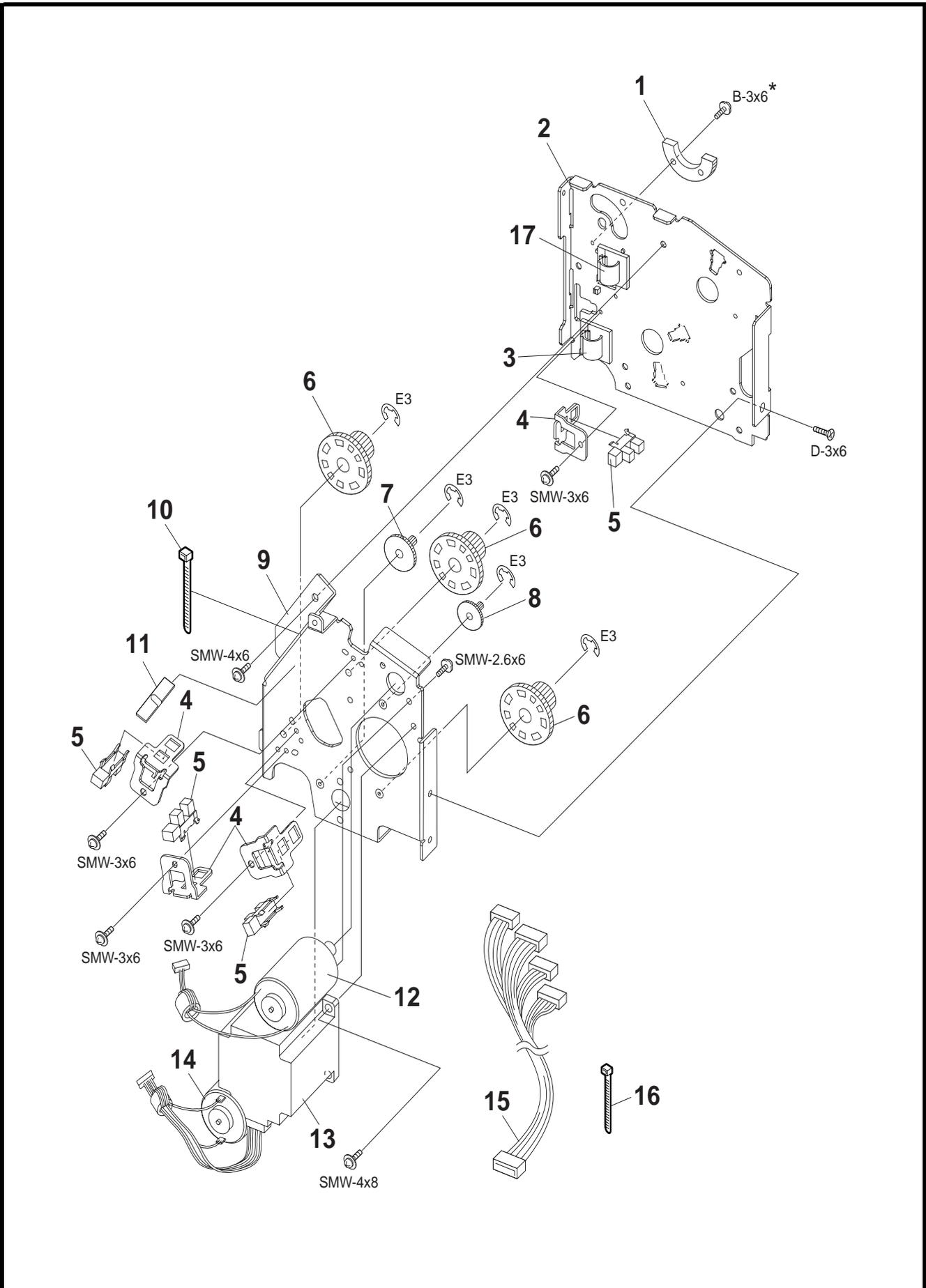
NOTE: Do not disassemble Ref. No. 2-4.

**2 FEED BLOCK**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
2-1	FFB-0041001	Hinge TH-TM-86SUS		2			
2-2	FFB-0040001	Hinge TH-125-5		1			
2-3	FMED0034801	Back Plate		1			
2-4	FMBD0042301	Paper Guide Ass'y		1	E		
2-5	FMHC0025101	Platen Holder L		1			
2-6	FMQB0078701	Edge Guard		1			
2-7	FMCC0057001	Base		1			
2-8	<del>FMCC0071801</del> FMCC0071802	Strip Plate	Changed:6/2001	1			
2-9	FMCC0054701	Platen		1	B		
2-10	FAA-0056001	Shaft Holder LNR-1680HHR		1			
2-11	FMBC0089801	Head Block Release Lever		1			
2-12	FGB-0012003	Hook Spring E-653		2			
	F0-00694000	Hook Spring E653	Added:4/'04				
2-13	FMEB0129301	Base Joint Plate		2			
2-14	FMHC0025201	Platen Holder R		1			
2-15	<del>FMEE0017501</del> FMEE0017502	Main Frame R	Changed:6/2001	1			
2-16	FAF-0080005	Shaft Holder F4-35	Added:3/2001	1			
	F0-00417000	Shaft Holder F4-35	Added:4/'04				

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

**3** MOTOR BLOCK

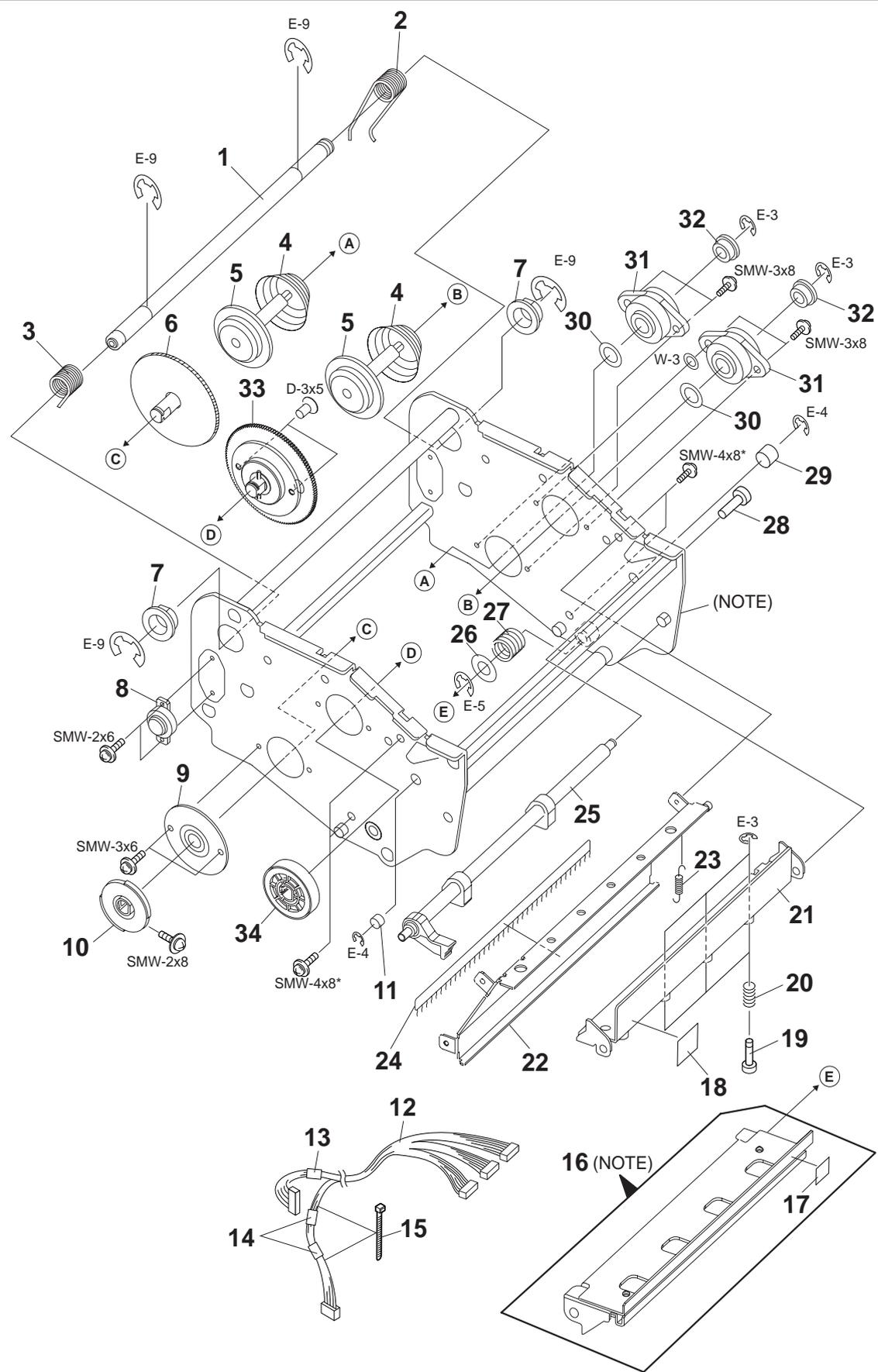


**3 MOTOR BLOCK**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
3-1	FMHC0018701	Damper Gear		1	D		
3-2	FMEE0017401	Main Frame L		1			
3-3	FDD-0035002 F0-00599000	Cable Clamp DKN-10G	Changed and Reduced: 4/03	2 1			
3-4	FMEC0071701	Slit Sensor Holder		4			
3-5	DED-0029003 C0-01612000	Slit Sensor TLP1242 (C6)	Changed: 4/03	4	B		
3-6	FMHC0024401	Ribbon Motor Gear A		3	D		
3-7	FMHB0003401	Idler Gear A		1	D		
3-8	FMHB0003501	Idler Gear B		1	D		
3-9	FMCC0053401	Gear Frame CK		1			
3-10	FDD-0005001 F0-00188000	Cable Band SRT-1.8N Cable Band SRT-1.8N	Added:4/04	1			
3-11	FDA-0009002	Cord Keep K-103G		1			
3-12	FMCB0106201	Ribbon Rewind Motor		1	E		
3-13	EFA-0045001	Stepping Motor 23KM-K379-G3V		1	E		
3-14	FMCB0106301	Ribbon Feed Motor		1	E		
3-15	FMCC0052601	Sensor Harness		1	E		
3-16	FDC-0010001 F0-00543000	Cable Band ALT096S TC-100 Cable Band ALT-096S T-100	Added: 4/04	10			
3-17	F0-00114000	Cable Clamp DKN-07	Added: 4/03	1			

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

**4** PRINT HEAD BLOCK



**NOTE:** Do not disassemble these unit parts.

**4 PRINT HEAD BLOCK 1/2**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
4-1	FMDC0013201	Print Head Block Shaft		1			
4-2	FMKB0011601	Ribbon Torsion Spring R		1			
4-3	FMKB0011501	Ribbon Torsion Spring L		1			
4-4	FMKB0011701	Ribbon Spring		2			
4-5	FMCB0106601	Ribbon Core Guide CK		2			
4-6	FMCB0106401	Ribbon Winding Core		2			
			Reduced:5/2001	1			
4-7	FFJ-0071001	Shaft Holder B-F12-4		2			
	F0-00699000	Shaft Holder F12-4	Added:4/'04				
4-8	HZC-0035001	One Way Clutch FRT-NE12		1			
4-9	FMCB0106501	Ribbon Hub		2			
			Reduced:5/2001	1			
4-10	FMHC0019501	Ribbon Gear		2	D		
	FMHC0019502		Changed:2/2001				
			Reduced:5/2001	1			
4-11	FAF-0074001	Shaft Holder R-ML0606		1			
	F0-00592000	Shaft Holder R-ML0606	Added:4/'04				
4-12	FMCC0052503	Print Head Harness		1	E		
4-13	DDA-0269002	Ferrite Core E04SR200935A		1			
	D0-07206000	Ferrite Core E04SR200935A	Added:4/'04				
4-14	DDA-0269005	Ferrite Core E04SR150718		2			
	D0-07204000	Ferrite Core E04SR150718	Added:4/'04				
4-15	FDC-0011003	Cable Band PLT1M-MJ		2			
	F0-00563000	Cable Band PLT1M	Added:4/'04				
4-16	FMBC0089701	Print Head Ass'y		1	A		
	FMBC0089702		QQ				
			Changed:5/2001				
	FMBC0102002		Changed:10/'02				
	FMBC0089703		QP				
			Changed:5/2001				
	FMBC0102003		Changed:10/'02				
			CN Added:4/'04				
4-17	FMMB0072401	Caution Sign Label A		1			
	FMMB0076401	Caution Sign Label C	Changed:3/2002				
4-18	FMMB0072601	Head Pressure Label		1			
4-19	FMDB0085001	Head Stud		4			
4-20	FGA-0009002	Head Pressure Spring C-222		4			
4-21	FMCC0053701	Head Pressure Plate		1			
4-22	FMEE0017101	Head Support Plate		1			
4-23	FGB-0012005	Spring E-641		1			
	F0-00693000	Spring E641	Added:4/'04				
4-24	FMQB0045801	Anti-static Brush		1			
4-25	FMCC0053801	Head Cam Shaft		1			

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

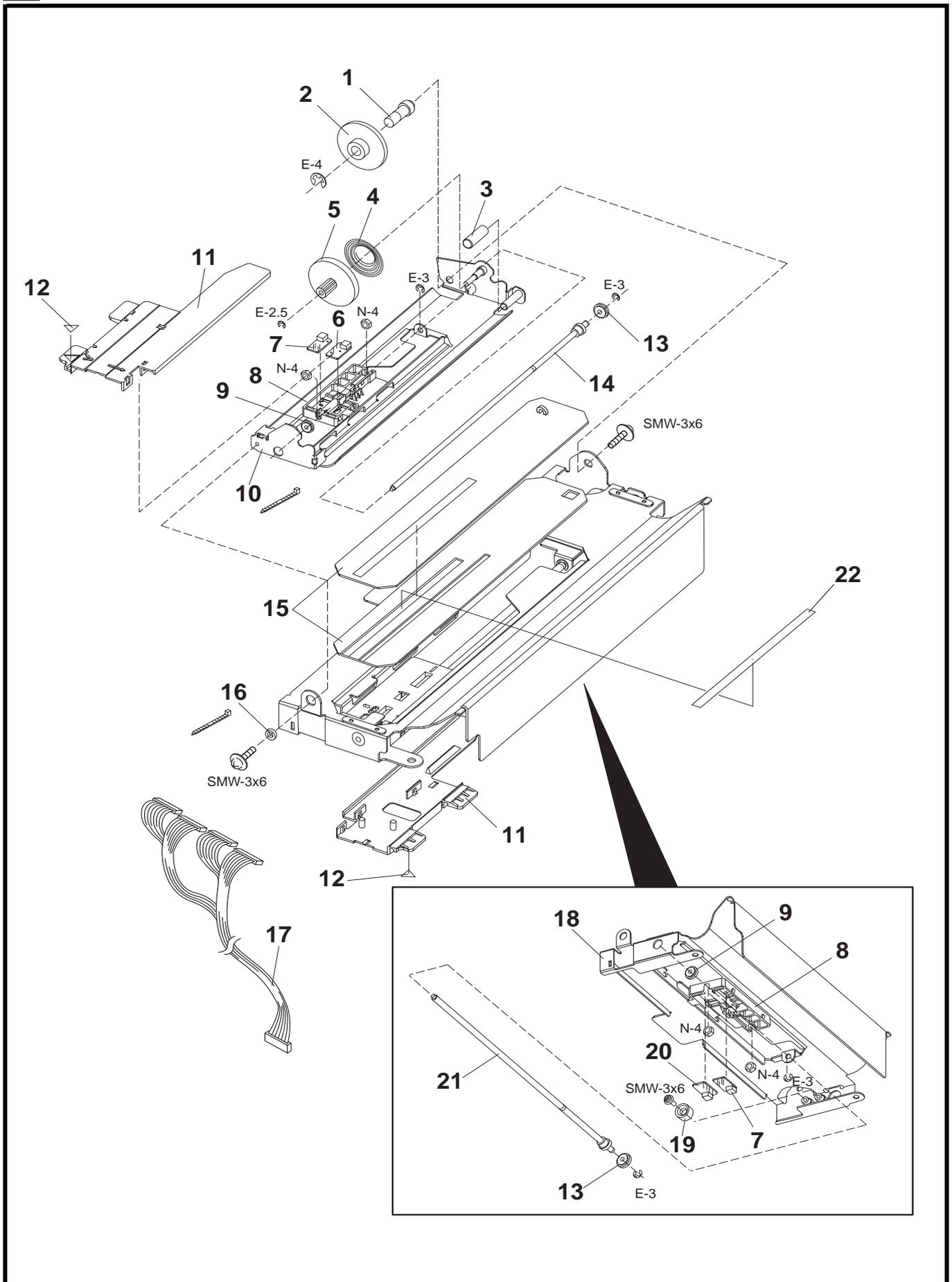
**4 PRINT HEAD BLOCK 2/2**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
4-26	FMEB0130501	Head Lock Washer		1			
4-27	FGA-0009006	Spring C-233		1			
4-28	FMDB0084501	Head Pin R		1			
4-29	FAF-0074002	Shaft Holder R-ML0608		1			
	F0-00593000	Shaft Holder R-ML0608	Added:4/'04				
4-30	FMEB0131501	Ribbon Washer		2			
4-31	FMCB0106701	Oneway Housing		2			
4-32	FMHB0031401	Ribbon Core Lever		2			
4-33	FMCB0109801	Ribbon Winding Core N	Added:5/2001	1			
4-34	FMHC0026101	Ribbon Gear N	Added:5/2001	1			

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

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**MEDIA SENSOR BLOCK**

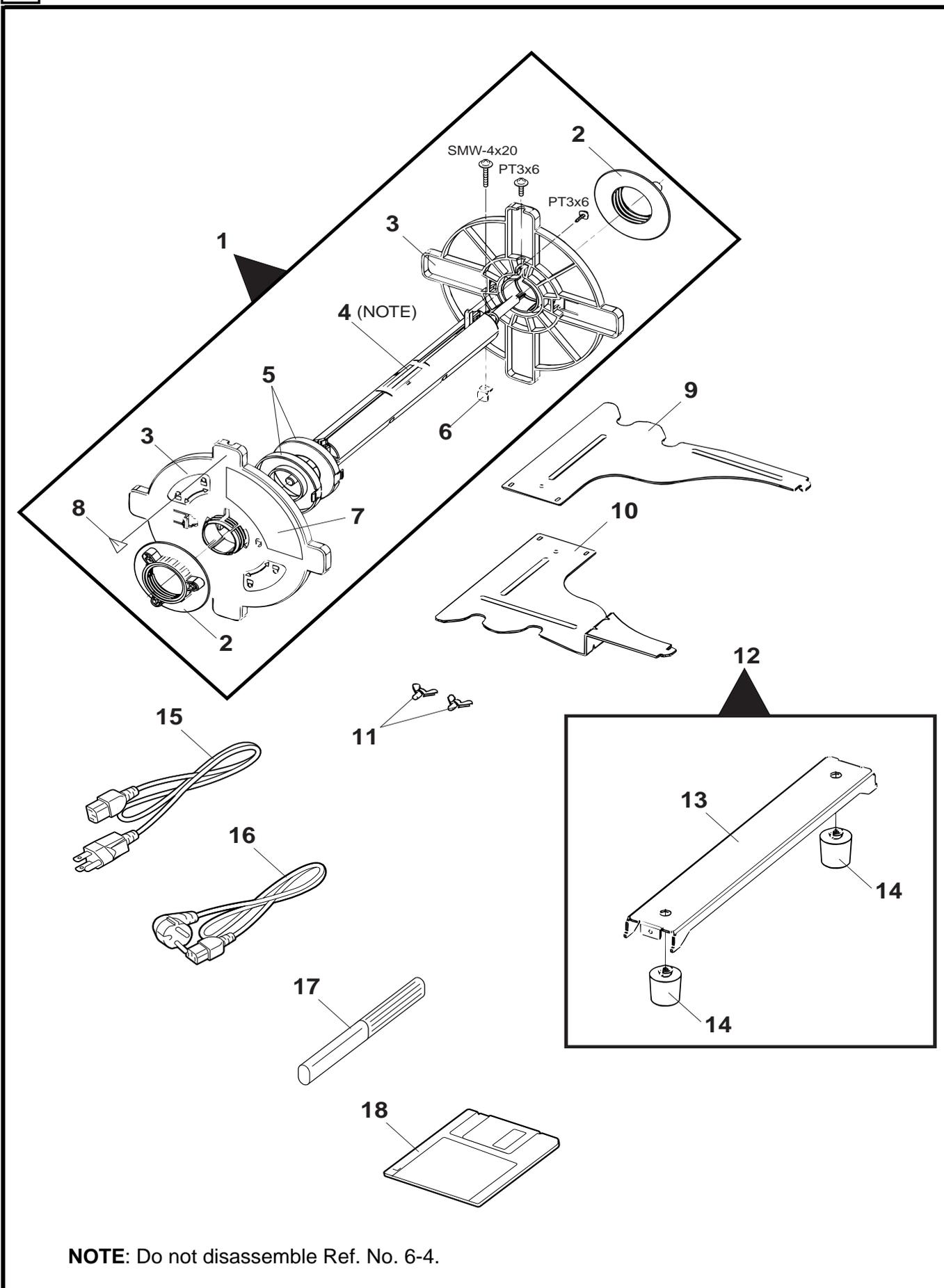


**5 MEDIA SENSOR BLOCK**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
5-1	FMDB0085401	Sensor Center Gear Stud		1			
5-2	EBHB0008701	Idler Gear 2		1	D		
5-3	FMQB0080501	Sensor Lift Tab Cap		1			
5-4	<del>FMKB0008901</del>	<del>Ribbon Spring</del>		1			
	FMKB0011901	Sensor Spring	Changed:5/2001				
5-5	FMHC0024901	Sensor Slide Gear		1	D		
5-6	FMBB0062602	Feed Gap Sensor (TR)		1	B		
5-7	FMBB0062701	Black Mark Sensor		2	B		
5-8	FMHE0011101	Sensor Case		2			
5-9	FAF-0080003	Shaft Holder F3-29		2			
	F0-00575000	Shaft Holder F3-29	Added:6/'04	2			
5-10	FMCC0053901	Sensor Paper Guide (Upper)		1			
5-11	FMHE0011201	Sensor Case Cap		2			
5-12	FMQB0079701	Sensor Sticker		2			
5-13	FAF-0080002	Shaft Holder F4-59		2			
	F0-00418000	Shaft Holder F4-59	Added:6/'04	2			
5-14	FMCC0054101	Sensor Adjustment Shaft (Upper)		1			
5-15	<del>FMHD0012901</del>	<del>Sensor Window Plate</del>		2			
	FMHD0012902		Changed:6/2001				
5-16	FMDB0086401	Guide Rotor Pin		1			
5-17	FMCB0104101	Media Sensor Harness		1	E		
5-18	FMCC0054001	Sensor Paper Guide (Lower)		1			
5-19	FMHB0033201	Pinion		2	D		
5-20	FMBB0062601	Feed Gap Sensor(LED)		1	B		
5-21	FMCC0054201	Sensor Adjustment Shaft (Lower)		1			
5-22	FMQB0081101	Sensor Filter Sheet	Added:2/2001	2			

\*1: Qty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

**6** ACCESSORIES



**NOTE:** Do not disassemble Ref. No. 6-4.

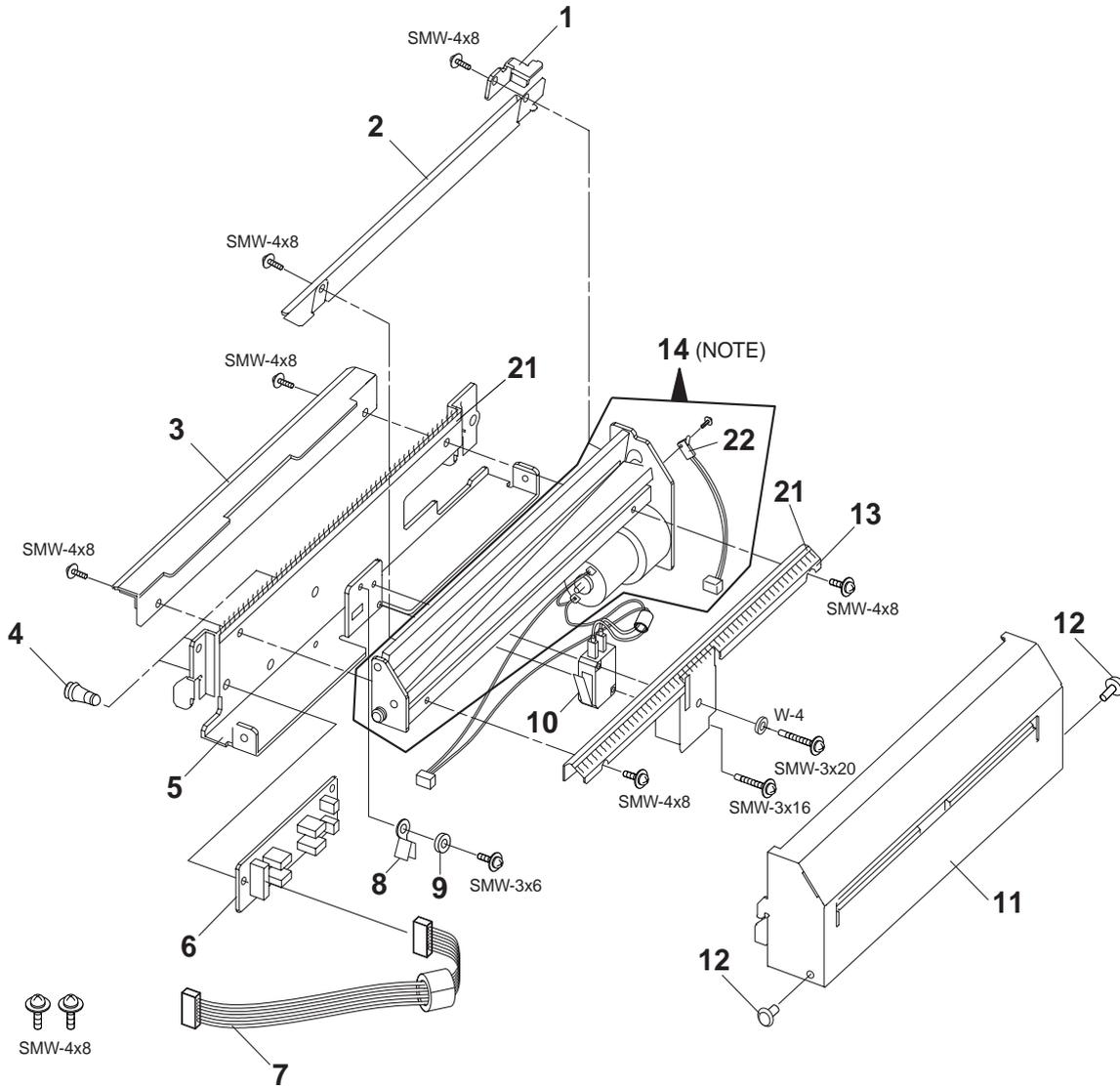
**6 ACCESSORIES**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
6-1	<u>FMBD0042701</u>	<u>Supply Holder Unit</u>	QQ, QP	1	E		
	<u>FMBD0042702</u>	<u>Supply Holder Unit</u>	CN Added:4/'04	1	E		
6-2	FMHC0022701	Supply Holder Locking Knob		2			
6-3	<del>FMHE0010804</del>	<del>Supply Holder</del>		2			
	FMHE0010802		Changed:1/'02				
6-4	FMBC0092001	Supply Shaft		1	A		
6-5	<del>FMHC0015404</del>	<del>Supply Holder Spacer</del>		2			
	FMHC0015402		Changed: 4/'04				
6-6	FMEB0130801	Supply Stopper		1			
6-7	FMHC0025601	Supply Holder Caution Sticker	QQ, QP	1			
	7FM00618000	Supply Holder Caution Sticker	CN Added:4/'04	1			
6-8	FMQB0079701	Sensor Sticker		1			
6-9	FMED0035301	Supply Holder Frame R		1			
6-10	FMED0035201	Supply Holder Frame L		1			
6-11	X20L0406130	Wing Bolt M-4x6		2			
6-12	<u>FMBB0063401</u>	<u>Supply Holder Base Ass'y</u>		1			
6-13	<del>FMED0035404</del>	<del>Supply Holder Base Plate</del>		1			
	FMED0035402		Changed: 5/'03				
6-14	FFC-0051002	Plastic Foot		2			
6-15	FBCB0030202	Power Cord	QQ	1	D		
6-16	<del>H00436904 A</del>	<del>Power Cord</del>	QP	1	D		
	EKA-0055001	Power Coard (EU cord)	Changed:2/2001				
6-17	24089500013	Print Head Cleaner		1	A		
6-18	FMBC0090901	Install Disk (BOOT/CG)	Service Part				
	FMBC0090902	Install Disk (MAIN)	Service Part				
	FMBC0091101	Setup Disk	Service Part				

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

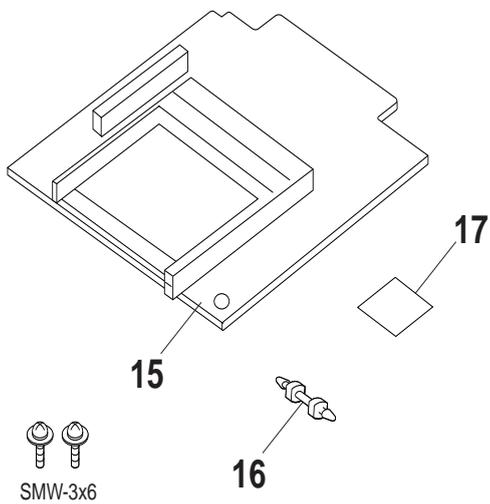
**7** **OPTIONAL KIT (1)**

**B-7208-QM Cutter Module**

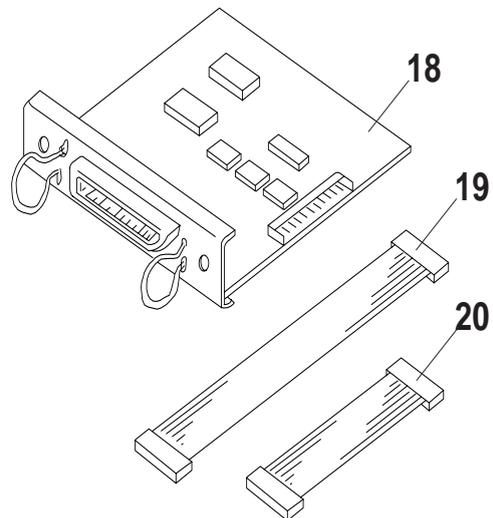


**NOTE:** Do not disassemble Ref. No. 7-14.

**B-7708-QM PCMCIA Interface Board**



**B-8700-IO-QM Expansion I/O Interface Board**



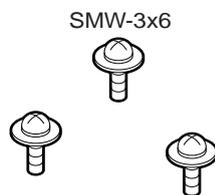
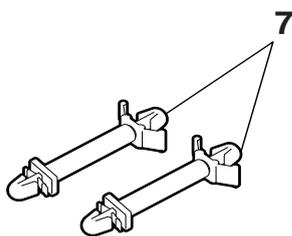
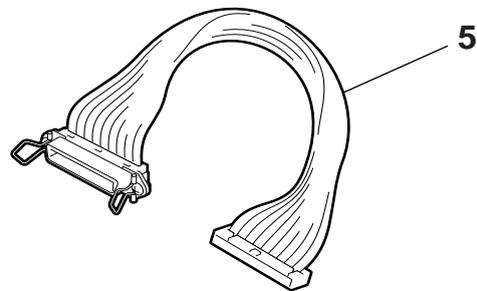
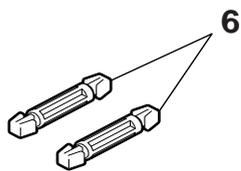
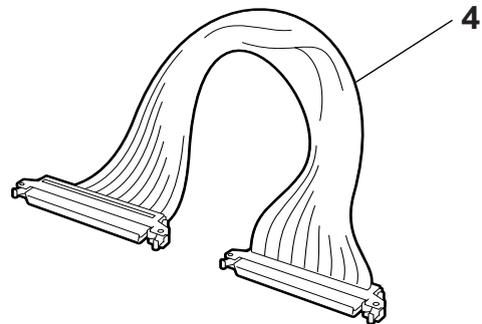
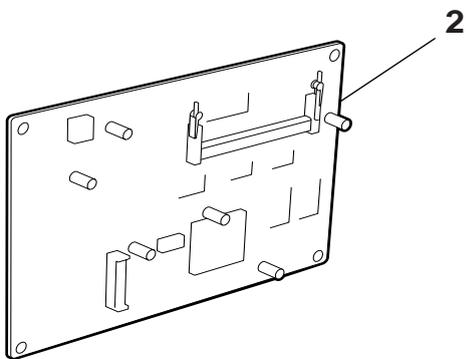
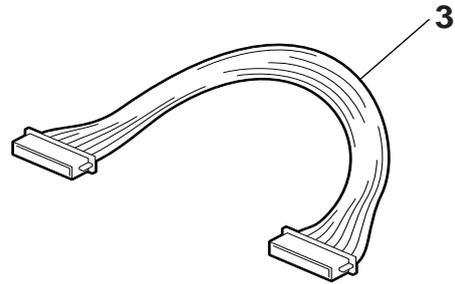
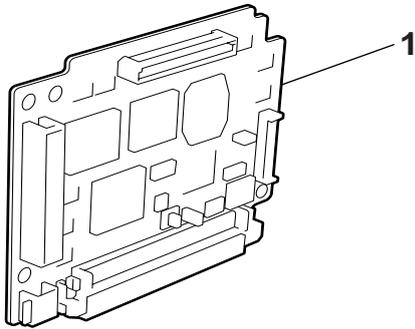
**7** **OPTIONAL KIT (1)**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
<b>B-7208-QM Cutter Module</b>							
7-1	FMEC0073101	Cutter Lever		1			
7-2	FMEC0073201	Paper Guide (Upper)		1			
7-3	FMEC0074001	Paper Guide (Lower)		1			
	FMCC0057801		Changed:3/2001				
7-4	FDB-0063003	Locking Support LCS-6S		3			
7-5	FMEE0018402	Cutter Set Plate		1			
	FMEE0018403		Changed:3/2002				
7-6	FMBB0062101	Cutter PCB Ass'y		1	E		
7-7	FMCB0104501	Cutter Harness		1	E		
7-8	FMEB0131701	Cutter Switch Cam		1			
7-9	FMDB0085501	Sensor Rotor Pin		1			
7-10	FMBB0034402	Interlock Switch		1	E		
7-11	FMCD0018702	Cutter Cover		1			
7-12	24741710408	Plastic Head Screw M-4x8		2			
7-13	FMED0036202	Paper Guide (Front)		1			
7-14	GFM-0069001	Cutter Unit		1	E		
7-20	FMQB0045801	Anti-Static Brush	Added:2/2001	2			
7-21			Corrected: 4/'03				
7-22	FMYB0002001	Micro Switch	Added: 4/'03	1			
<b>B-7708-PC-QM PCMCIA Interface Board</b>							
7-15	-----	PCMCIA PC Board Ass'y		1	E		
7-16	FDB-0087003	Locking Support WPCS-15S-4.0		1			
7-17	FMQB0080801	Blind Sticker		1			
<b>B-8700-IO-QM Expansion I/O Interface Board</b>							
7-18	-----	Expansion I/O PC Board Ass'y		1	E		
7-19	FMCB0088801	Expansion I/O Harness (Long)		1	E		
7-20	FMCB0104001	Expansion I/O Harness (Short)	Exclusively for B-850 series	1	E		

\*1: Qty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

**8** **OPTIONAL KIT (2)**

**B-7708-PCL-QM Emulation Board**



**8** **OPTIONAL KIT (2)**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
	<b>B-7708-PCL-QM</b>	<b>Emulation Board</b>					
8- 1	-----	PCL5 PC Board Ass'y		1	E		
8- 2	-----	AU1 PCON PC Board		1	E		
8- 3	FMCB0104701	RIP-I Harness		1	E		
8- 4	FMCB0104801	RIP-R Harness		1	E		
8- 5	FMCC0052701	RIP-C Harness		1	E		
8- 6	FDB-0087003	Locking Support (Short) WPCS-15S-4.0		2			
8- 7	FDB-0044005	Locking Support (Long) LCBT-16S		2			

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

**9 MISCELLANEOUS PARTS 1/2**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
B-3x6	X01B0306130	Bind Screw M-3x6					
	X0-00429000	Bind Screw M-3x6	Added: 2/'03				
B-3x6*	X01B0306140	Bind Screw M-3x6	Nickel				
	X0-00430000	Bind Screw M-3x6	Added: 4/'03				
B-4x5	X01B0405130	Bind Screw M-4x5					
B-4x6	X01B0406140	Bind Screw M-4x6					
D-3x5	X0140305120	Dish Head Screw M-3x5	Added:5/2001				
D-3x6	X0140306130	Dish Head Screw M-3x6					
	X0-00316000	Dish Head Screw M-3x6	Added:4/'04				
D-3x8	X0140308130	Dish Head Screw M-3x8					
D-4x6	X0140406130	Dish Head Screw M-4x6					
FL-3x4	X01G0304130	Flanged Screw M-3x4					
SMW-2x6	X0110206136	Double Sems Screw M-2x6	Small washer				
SMW-2x8	X0110208136	Double Sems Screw M-2x8					
SMW-2.6x6	X0112F06137	Double Sems Screw M-2.6x6					
SMW-3x6	X0110306137	Double Sems Screw M-3x6					
	X0-00056000	Double Sems Screw M-3x6	Added: 2/'2003				
SMW-3x8	X0110308137	Double Sems Screw M-3x8					
SMW-3x10	X0110310136	Double Sems Screw M-3x10					
SMW-3x12*	X0110312136	Double Sems Screw M-3x12	Small washer				
SMW-3x12	X0110312137	Double Sems Screw M-3x12					
SMW-3x16	X0110316137	Double Sems Screw M-3x16					
SMW-3x20	X0110320137	Double Sems Screw M-3x20	Added:3/2001				
SMW-4x6	X0110406137	Double Sems Screw M-4x6					
	X0-00151000	Double Sems Screw M-4x6	Added:4/'04				
SMW-4x8	X0110408137	Double Sems Screw M-4x8					
SMW-4x8*	X0110408147	Double Sems Screw M-4x8	Nickel				
	X0-00164000	Double Sems Screw M-4x8	Added:4/'04				
SMW-4x12	X0110412137	Double Sems Screw M-4x12					
SMW-4x14	X0110414137	Double Sems Screw M-4x14	Added:3/2001				
	X0-00193000	Double Sems Screw M-4x14	Added:4/'04				
SMW-4x20	X0110420137	Double Sems Screw M-4x20					
SMW-4x22	X0110422137	Double Sems Screw M-4x22					
PT-3x5	X0610305133	P-TITE Screw M-3x5					
PT-3x6	X0610306133	P-TITE Screw M-3x6					
	X0-00591000	P-TITE Screw M-3x6	Added:4/'04				
PT-3x6*	X0610306143	P-TITE Screw M-3x6	Nickel				
PT-3x8	X0640308133	P-TITE Screw M-3x8					

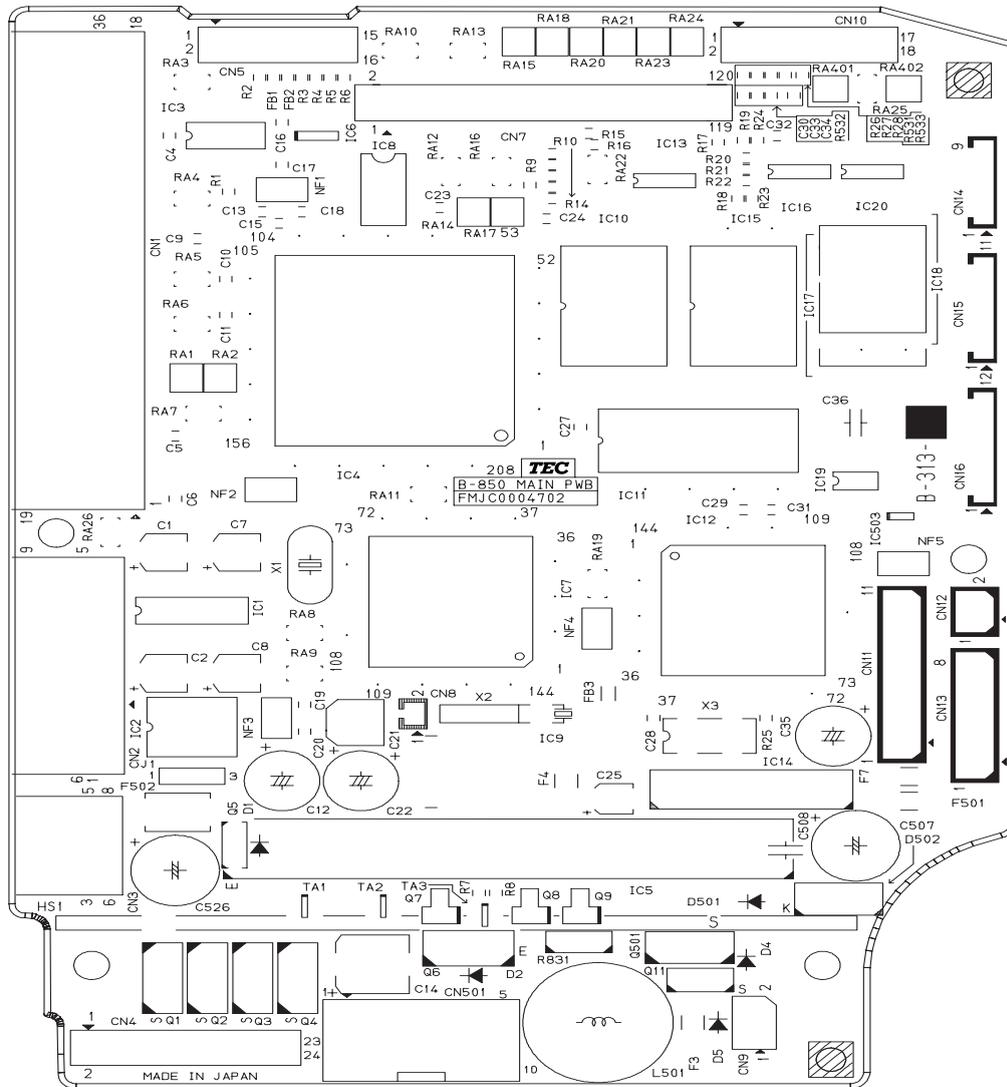
\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

**9 MISCELLANEOUS PARTS 2/2**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
E-2.5	X7222E0040A	Retaining Ring E-type M-2.5					
	X0-00974000	Retaining Ring E-type M-2.5	Added:6/'04				
E-3	X722030040A	Retaining Ring E-type M-3					
	X0-00964000	Retaining Ring E-type M-3	Added:6/'04				
E-4	X722040040A	Retaining Ring E-type M-4					
	X0-00965000	Retaining Ring E-type M-4	Added:4/'04				
E-5	X722050040A	Retaining Ring E-type M-5					
E-9	X722090040A	Retaining Ring E-type M-9					
	X0-00970000	Retaining Ring E-type M-9	Added:4/'04				
N-4	X5110400130	Nut M-4					
	X0-00850000	Nut M-4	Added:6/'04				
W-3	X7170300130	Washer M-3	Added:3/2001				
W-4	X7170400130	Washer M-4					

\*1: Qty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

1 CPU PC BOARD ASS'Y 1/2





**1 CPU PC BOARD ASS'Y 1/10**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
	FMBD0041701	CPU PC Board Ass'y (Serv No. B-313-01)		1	E		
IC1	CAH-0071001	IC MC145407F		1	E		
	C0-03426001	IC MC145407FR1	Added: 5/'02				
IC2	CAH-0151001	IC LT1381CS		1	E		
	C0-04083001	IC LT1381CS#TR	Added: 5/'02				
	CAH-0233002	IC HIN202CBN					
	C0-04830001	IC HIN202CBN-T	Added: 5/'02				
IC3	CAM-000422A	IC TC74VHC04F		1	E		
	C0-01299001	IC TC74VHC04F (TP4)	Added: 5/'02				
	C0-08554001	IC TC74VHC04F(EL F)	Changed: 11/'04				
IC4	CAJ-0442001	IC SLA411T EC-M227		1	E		
IC5	CAK-0102001	IC STK6713AMK4		1	E		
	C0-02252000	IC STK6713AMK4	Added: 5/'02				
	DAB-101MJ34	Ceramic CAP. DD104-63SL101J50 100pF	Attached between pin 8 and pin10.	1			
	D0-04510001	DD104-989SL101J50 100pF	Added: 2/'03				
IC6	CAQ-0030004	IC TC7W32F TE12R		1	E		
	C0-01408001	IC TC7W32F (TE12L)	Added: 5/'02				
	C0-08633001	IC TC7W32F(TE12L F)	Changed: 11/'04				
IC7	CAA-0342001	CPU HD6417708SF60		1	E		
	C0-02342000	CPU HD6417708SF60	Added: 5/'02				
IC8	CAD-0149002	EEPROM ST93C46AB1		1	E		
	CAD-0288001	EEPROM M93C46-BN6					
	C0-04552000	EEPROM M93C46-BN6	Added: 5/'02				
	EAA-2390001	IC Socket 2-641260-3		1			
	E0-00140000	IC Socket 2-641260-3	Added: 5/'02				
	EAB-0163003	IC Socket 390261-2					
	E0-00151000	IC Socket 390261-2	Added: 5/'02				
IC9	CAG-0826004	IC LM1085IS-3.3		1	E		
	C0-02083001	IC LM1085ISX-3.3	Added: 5/'02				
	C0-07729001	IC LM1085ISX-3.3/NOPB	Changed: 11/'04				
IC10	FMBC0090601	B-850 SOFT2 BK		1			
IC11	CAC-0535002	IC K4S643232C TC80		1	E		
	CAC-0491004	IC TC59S6432CFT-80	Changed:8/2001				
	C0-05383000	IC TC59S6432CFT-80	Added: 5/'02				
	C0-06110000	IC HY57V643220CT-55	Added: 6/'02				
	C0-06595000	IC MT48LC2M32B2TG-6 Y94W	Added: 2/'03				
IC12	CAJ-0445001	IC SLA407T EC-M228		1	E		
IC13,16,20	CAM-024430A	IC TC74LCX244FT		3	E		
	C0-01285001	IC TC74LCX244FT (EL)	Added: 5/'02				
IC14	CAG-0617004	IC TA8429H		1	E		
	C0-00922000	IC TA8429H	Added: 5/'02				
	C0-09191000	IC TA8429HQ	Changed: 11/'04				
IC15	FMBC0090501	B-850 SOFT1 BK		1			
IC19	CAG-0019004	IC UPC393G2-T1		1	E		
	C0-03278001	IC UPC393G2-T1	Added: 5/'02				
	C0-07398001	IC UPC393G2-T1-A	Changed: 11/'04				

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

**1 CPU PC BOARD ASS'Y 2/10**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
IC100,106,116	GAM-000022A	IC TC74VHC00F		3	E		
	C0-01296001	IC TC74VHC00F (TP4)	Added: 5/'02				
IC101	C0-08552001	IC TC74VHC00F(EL F)	Changed: 11/'04				
	GAM-001022A	IC TC74VHC10F		1	E		
IC102	C0-01307001	IC TC74VHC10F (TP4)	Added: 5/'02				
	C0-08556001	IC TC74VHC10F(EL F)	Changed: 11/'04				
IC103	CAF-000606F	IC SN7406NS		1	E		
	C0-02508001	IC SN7406NSR	Added: 5/'02				
IC104	CAF-024507F	IC SN74LS245NS		1	E		
	C0-02011001	IC SN74LS245NSR	Added: 5/'02				
IC105	CAF-001407F	IC SN74LS14NS		1	E		
	C0-02705001	IC SN74LS14NSR	Added: 5/'02				
IC107	CAF-024407F	IC SN74LS244NS		1	E		
	C0-02733001	IC SN74LS244NSR	Added: 5/'02				
IC109	GAM-007422A	IC TC74VHC74F		1	E		
	C0-01546001	IC TC74VHC74F (TP4)	Added: 5/'02				
IC110	C0-08578001	IC TC74VHC74F(EL F)	Changed: 11/'04				
	GAG-0438001	IC UPC844G2		1	E		
IC111,112,114,115	C0-03311001	IC UPC844G2-T1	Added: 5/'02				
	C0-07406001	IC UPC844G2-T1-A	Changed: 11/'04				
IC113	CAG-0439001	IC M62354FP		1	E		
	C0-05264001	IC M62354FP 70ND	Added: 5/'02				
IC117	GAM-024533A	IC TC74LCX245F		4	E		
	C0-01286001	IC TC74LCX245F (EL)	Added: 5/'02				
IC118	C0-08543001	IC TC74LCX245F(EL F)	Changed: 11/'04				
	GAG-0522001	IC BA10324AF		1	E		
IC119	C0-00175001	IC BA10324AF-E2	Added: 5/'02				
	C0-09749001	IC BA10324AF-E2	Changed: 11/'04				
IC120-122	CAG-0147003	IC TC35095AF		1	E		
	C0-00928000	IC TC35095AF	Added: 5/'02				
IC401	CBE-0435001	Diode ERA82-004	Attached between pin 1 and pin 20.	1			
	C0-03771000	Diode ERA82-004	Added: 5/'02				
IC502	GAG-0020001	IC UPC358G2-T1		1	E		
	C0-03275001	IC UPC358G2-T1	Added: 5/'02				
IC120-122	C0-07396001	IC UPC358G2-T1-A	Changed: 11/'04				
	GAM-003222A	IC TC74VHC32F		1	E		
IC120-122	C0-01337001	IC TC74VHC32F (EL)	Added: 5/'02				
	C0-08572001	IC TC74VHC32F(EL F)	Changed: 11/'04				
IC120-122	GAM-0018002	IC TC74LCX244F		3	E		
	C0-01284001	IC TC74LCX244F (EL)	Added: 5/'02				
IC401	C0-08542001	IC TC74LCX244F(EL F)	Changed: 11/'04				
	CAM-0020002	IC TC74VHCT244AF		1	E		
IC502	C0-01425000	IC TC74VHCT244AF	Added: 5/'02				
	CAG-0618002	IC TL5001CPS		1	E		
	C0-02951001	IC TL5001CPSR	Added: 5/'02				

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

**1 CPU PC BOARD ASS'Y 3/10**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
IC503	GAQ-0062004	IC TC7WH32FU		1	E		
	C0-01418001	TC7WH32FU (TE12L)	Added: 5/'02				
	C0-08643001	IC TC7WH32FU(TE12L F)	Changed: 11/'04				
Q1-4		<b>&lt;XISTOR.&gt;</b>					
	CBQ-0162004	2SJ495		4			
	C0-03023000	2SJ495	Added: 5/'02				
Q5	C0-07337000	2SJ495-AZ	Changed: 11/'04				
	CBA-0091002	2SD1802		1			
Q6	C0-02183000	2SD1802	Added: 5/'02				
	EBA-0326004	2SD1838		1			
SMW-3x8*	C0-02185000	2SD1838	Added: 5/'02				
	C0-10850000	2SD1838	Changed: 11/'04				
	X0110308136	Double Sems Screw M-3x8	Small washer	1			
Q7-9	X0-00072000	Double Sems Screw M-3x8	Added: 5/'02				
	EBA-0088004	2SC1621		3			
	C0-02991001	2SC1621-T1B	Added: 5/'02				
Q11	C0-07352001	2SC1621-T1B-A	Changed: 11/'04				
	CBQ-0164004	2SK1059		1			
	C0-03024000	2SK1059	Added: 5/'02				
Q100,101,103, 104	C0-10697000	2SK1059-AZ	Changed: 11/'04				
	EBC-0017004	FA1A4M-T1B		4			
	C0-03041004	FA1A4M-T1B	Added: 5/'02				
Q102	C0-07391001	FA1A4M-T1B-A	Changed: 11/'04				
	CBQ-0041019	2SK2615		1			
	C0-00609004	2SK2615 (TE12L)	Added: 5/'02				
Q501	C0-08744001	2SK2615(TE12L F)	Changed: 11/'04				
	GBQ-0105004	2SJ263		1			
	C0-02189000	2SJ263	Added: 5/'02				
SMW-3x8*	C0-10854000	2SJ263	Changed: 11/'04				
	X0110308136	Double Sems Screw M-3x8	Small washer	1			
	X0-00072000	Double Sems Screw M-3x8	Added: 5/'02				
TA1-3	CBC-0061001	Transistor Array RN4602		3			
	C0-00683001	RN4602 (TE85R)	Added: 5/'02				
D1,2,4,5,501							
	EBC-0085004	Diode AM01Z		5			
	C0-00011004	Diode AM01ZV1	Added: 5/'02				
D102	C0-09544001	Diode AM01ZV1	Changed: 11/'04				
	EBC-0049006	Chip Diode 1SS187		1			
D502	C0-00471001	Chip Diode 1SS187 (TE85R)	Added: 5/'02				
	EBC-0317004	Diode D4L20U		1			
	C0-03953000	Diode D4L20U-4000	Added: 5/'02				
	C0-10453000	Diode D4L20U-7000	Changed: 11/'04				

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

**1 CPU PC BOARD ASS'Y 4/10**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
R4-6,10-15,17, 22,113-115, 144,149,154- 156,159,163, 165-167,169, 171-174,176, 182-184,187, 191,193,194, 197,200,201, 203,205-208, 210,213-216, 218,219,224- 228,230,232, 235,239,240, 242,243,253, 258,260,263, 270,272,280, 288,292,335, 370,371,524	DBK-680JA5A	MCR03EZHJ680 68Ω		77			
	D0-01036001	MCR03EZHJ680 68Ω	Added: 5/'02				
	D0-19432001	MCR03EZHJ680 68Ω	Changed: 11/'04				
R7,128	DBK-472FB5A	MCR03EZPFX4701 4.7KΩ		4			
	D0-01149001	MCR03EZPFX4701 4.7KΩ	R7:Added:5/2001	2			
	D0-19597001	MCR03EZPFX4701 4.7KΩ	Added: 5/'02 Changed: 11/'04				
R7,140,147,148, 164,211,220, 221,501	DBK-103FB5A	MCR03EZPFX1002 10KΩ		9			
	D0-01053001	MCR03EZPFX1002 10KΩ	R7:Deleted:5/2001	8			
	D0-19453001	MCR03EZPFX1002 10KΩ	Added: 5/'02 Changed: 11/'04				
R8	DBK-272FB5A	MCR03EZPFX2701 2.7KΩ		1			
	DBK-392FB5A	MCR03EZPFX3901 3.9KΩ	Changed:5/2001				
	D0-01134001	MCR03EZPFX3901 3.9KΩ	Added: 5/'02				
R9,20,21,26- 28,106,110, 132-134,137, 157,158,162, 168,195,199, 202,212,236, 237,247,257, 273,275,277, 279,283,286, 297,302,306, 308,310,312, 315,317,327, 329,334,339, 347-349,352, 362,363,525	D0-19579001	MCR03EZPFX3901 3.9KΩ	Changed: 11/'04				
	DBK-103JA5A	MCR03EZHJ103 10KΩ		50			
	D0-00953001	MCR03EZHJ103 10KΩ	Added: 5/'02				
	D0-19327001	MCR03EZHJ103 10KΩ	Changed: 11/'04				

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

**1 CPU PC BOARD ASS'Y 5/10**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
R16,18,19,23, 24,103,104, 138,139,143, 150-153, 175,178-181, 190,231, 259,262,267- 269,271,295, 301,307,311, 316,328,332, 333,336,364, 384-390,531- 533	DBK-101JA5A D0-00951001 D0-19325001	MCR03EZHJ101 100Ω MCR03EZHJ101 100Ω MCR03EZHJ101 100Ω	Added: 5/'02 Changed: 11/'04	47			
R25	DBK-330JA5A D0-01002001 D0-19388001	MCR03EZHJ330 33Ω MCR03EZHJ330 33Ω MCR03EZHJ330 33Ω	Added: 5/'02 Changed: 11/'04	1			
R101,107,304, 305,356,357, 369,383	DBK-R00JA4A D0-01189001 D0-19898001	MCR10EZHJ000 0Ω MCR10EZHJ000 0Ω MCR10EZHJ000 0Ω	R304,383: Deleted:8/2001 Added: 5/'02 Changed: 11/'04	8 6			
R102,313,321, 331,350	DBK-102JA5A D0-00952001 D0-19326001	MCR03EZHJ102 1KΩ MCR03EZHJ102 1KΩ MCR03EZHJ102 1KΩ	Added: 5/'02 Changed: 11/'04	5			
R111	DBK-822JA5A D0-01046001 D0-19443001	MCR03EZHJ822 8.2KΩ MCR03EZHJ822 8.2KΩ MCR03EZHJ822 8.2KΩ	Added: 5/'02 Changed: 11/'04	1			
R112,118,126, 145,276,284	DBK-100JA5A D0-00950001 D0-19324001	MCR03EZHJ100 10Ω MCR03EZHJ100 10Ω MCR03EZHJ100 10Ω	Added: 5/'02 Changed: 11/'04	6			
R117,119,121, 122,527-530	DBK-104JA5A D0-00954001 D0-19328001	MCR03EZHJ104 100KΩ MCR03EZHJ104 100KΩ MCR03EZHJ104 100KΩ	Added: 5/'02 Changed: 11/'04	8			
R123,141,185, 256,296,343, 372,374	DBK-R00JA5A D0-00949001 D0-19553001	MCR03EZHJ000 0Ω MCR03EZHJ000 0Ω MCR03EZHJ000 0Ω	Added: 5/'02 Changed: 11/'04	8			
R127	DBK-333FB5A D0-01126001 D0-19566001	MCR03EZPFX3302 33KΩ MCR03EZPFX3302 33KΩ MCR03EZPFX3302 33KΩ	Added: 5/'02 Changed: 11/'04	1			
R130	DBK-101JA4A D0-01740001 D0-19900001	MCR10EZHJ101 100Ω MCR10EZHJ101 100Ω MCR10EZHJ101 100Ω	Added: 5/'02 Changed: 11/'04	1			
R142	DBK-332JA1A D0-00664001 D0-20331001	MCR50JZHJ332 3.3KΩ MCR50JZHJ332 3.3KΩ MCR50JZHJ332 3.3KΩ	Added: 5/'02 Changed: 11/'04	1			
R161,189,198, 241,246,248, 249,251,252, 254	DBK-473JA5A D0-01021001 D0-19411001	MCR03EZHJ473 47KΩ MCR03EZHJ473 47KΩ MCR03EZHJ473 47KΩ	Added: 5/'02 Changed: 11/'04	10			

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

**1 CPU PC BOARD ASS'Y 6/10**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
R229	DBK-221JA5A	MCR03EZHJ221 220Ω		1			
	D0-00982001	MCR03EZHJ221 220Ω	Added: 5/'02				
	D0-19367001	MCR03EZHJ221 220Ω	Changed: 11/'04				
R233,250	DBK-113FB5A	MCR03EZPFX1102 11KΩ		2			
	D0-01059001	MCR03EZPFX1102 11KΩ	Added: 5/'02				
	D0-19459001	MCR03EZPFX1102 11KΩ	Changed: 11/'04				
R234,255,285	DBK-153FB5A	MCR03EZPFX1502 15KΩ		3			
	D0-01076001	MCR03EZPFX1502 15KΩ	Added: 5/'02				
	D0-19483001	MCR03EZPFX1502 15KΩ	Changed: 11/'04				
	DAB-103MK15	Chip CAP. GRM39B103K50PT 0.01mF	Attached to R285.	1			
R238,264,265	DBK-151JA1A	MCR50JZHJ151 150Ω		3			
	D0-00643001	MCR50JZHJ151 150Ω	Added: 5/'02				
	D0-20306001	MCR50JZHJ151 150Ω	Changed: 11/'04				
R261	DBK-223FB5A	MCR03EZPFX2202 22KΩ		1			
	D0-01099001	MCR03EZPFX2202 22KΩ	Added: 5/'02				
	D0-19517001	MCR03EZPFX2202 22KΩ	Changed: 11/'04				
R266	DBK-163FB5A	MCR03EZFPX1602 16KΩ		1			
	D0-00948001	MCR03EZFPX1602 16KΩ	Added: 5/'02				
	D0-19489001	MCR03EZFPX1602 16KΩ	Changed: 11/'04				
R282	DBK-391FB5A	MCR03EZPFX3900 390Ω		1			
	D0-01133001	MCR03EZPFX3900 390Ω	Added: 5/'02				
	D0-19578001	MCR03EZPFX3900 390Ω	Changed: 11/'04				
R290	DBK-683FB5A	MCR03EZPFX6802 68KΩ		1			
	D0-01178001	MCR03EZPFX6802 68KΩ	Added: 5/'02				
	D0-19640001	MCR03EZPFX6802 68KΩ	Changed: 11/'04				
R298,340,341	DBK-472JA5A	MCR03EZHJ472 4.7KΩ		3			
	D0-01020001	MCR03EZHJ472 4.7KΩ	Added: 5/'02				
	D0-19410001	MCR03EZHJ472 4.7KΩ	Changed: 11/'04				
R319,322	DBK-123FB5A	MCR03EZPFX1202 12KΩ		2			
	D0-01064001	MCR03EZPFX1202 12KΩ	Added: 5/'02				
	D0-19465001	MCR03EZPFX1202 12KΩ	Changed: 11/'04				
R320	DBK-821FB5A	MCR03EZPFX8200 820Ω		1			
	D0-01184001	MCR03EZPFX8200 820Ω	Added: 5/'02				
	D0-19655001	MCR03EZPFX8200 820Ω	Changed: 11/'04				
R325,326	DBK-221JA1A	MCR50JZHJ221 220Ω		2			
	D0-00653001	MCR50JZHJ221 220Ω	Added: 5/'02				
	D0-20317001	MCR50JZHJ221 220Ω	Changed: 11/'04				
R338	DBK-682JA5A	MCR03EZHJ682 6.8KΩ		1			
	D0-01038001	MCR03EZHJ682 6.8KΩ	Added: 5/'02				
	D0-19434001	MCR03EZHJ682 6.8KΩ	Changed: 11/'04				
R344	DBK-124JA5A	MCR03EZHJ124 120KΩ		1			
	D0-00963001	MCR03EZHJ124 120KΩ	Added: 5/'02				
	D0-19340001	MCR03EZHJ124 120KΩ	Changed: 11/'04				
R354	DBK-304JA5A	MCR03EZHJ304 300KΩ		1			
	D0-01001001	MCR03EZHJ304 300KΩ	Added: 5/'02				
	D0-19387001	MCR03EZHJ304 300KΩ	Changed: 11/'04				

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

**1 CPU PC BOARD ASS'Y 7/10**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
R365-368	DBK-221JA2A	MCR25JZHJ221 220Ω		4			
	D0-00592001	MCR25JZHJ221 220Ω	Added: 5/'02				
	D0-20198001	MCR25JZHJ221 220Ω	Changed: 11/'04				
R376,378	DBK-393FB5A	MCR03EZPFX3902 39KΩ		2			
	D0-01135001	MCR03EZPFX3902 39KΩ	Added: 5/'02				
	D0-19580001	MCR03EZPFX3902 39KΩ	Changed: 11/'04				
R377	DBK-203FB5A	MCR03EZPFX2002 20KΩ		1			
	D0-01587001	MCR03EZPFX8202 82KΩ	Corrected: 5/'02				
	D0-19657001	MCR03EZPFX8202 82KΩ	Changed: 11/'04				
R379-382	DBK-912JA5A	MCR03EZHJ912 9.1KΩ		4			
	D0-01050001	MCR03EZHJ912 9.1KΩ	Added: 5/'02				
	D0-19448001	MCR03EZHJ912 9.1KΩ	Changed: 11/'04				
R502	DBK-562FB5A	MCR03EZPFX5601 5.6KΩ		1			
	D0-01162001	MCR03EZPFX5601 5.6KΩ	Added: 5/'02				
	D0-19619001	MCR03EZPFX5601 5.6KΩ	Changed: 11/'04				
R510,512-514, 519	DBK-104FB5A	MCR03EZPFX1003 100KΩ		5			
	D0-01054001	MCR03EZPFX1003 100KΩ	Added: 5/'02				
	D0-19454001	MCR03EZPFX1003 100KΩ	Changed: 11/'04				
R511,515	DBK-224JA5A	MCR03EZHJ224 220KΩ		2			
	D0-00985001	MCR03EZHJ224 220KΩ	Added: 5/'02				
	D0-19370001	MCR03EZHJ224 220KΩ	Changed: 11/'04				
R516	DBK-222JA5A	MCR03EZHJ222 2.2KΩ		1			
	D0-00983001	MCR03EZHJ222 2.2KΩ	Added: 5/'02				
	D0-19368001	MCR03EZHJ222 2.2KΩ	Changed: 11/'04				
R517	DBK-123JA5A	MCR03EZHJ123 12KΩ		1			
	D0-00962001	MCR03EZHJ123 12KΩ	Added: 5/'02				
	D0-19339001	MCR03EZHJ123 12KΩ	Changed: 11/'04				
R518	DBK-334JA5A	MCR03EZHJ334 330KΩ		1			
	D0-01006001	MCR03EZHJ334 330KΩ	Added: 5/'02				
	D0-19392001	MCR03EZHJ334 330KΩ	Changed: 11/'04				
R520	DBK-152JA2A	MCR25JZHJ152 1.5KΩ		1			
	D0-00582001	MCR25JZHJ152 1.5KΩ	Added: 5/'02				
	D0-20186001	MCR25JZHJ152 1.5KΩ	Changed: 11/'04				
R521	DBK-222JA2A	MCR25JZHJ222 2.2KΩ		1			
	D0-00593001	MCR25JZHJ222 2.2KΩ	Added: 5/'02				
	D0-20199001	MCR25JZHJ222 2.2KΩ	Changed: 11/'04				
R523,536	DBK-151FB0A	MCR100JZHF1500 150Ω		2			
	D0-01591001	MCR100JZHF1500 150Ω	Added: 5/'02				
	D0-19670001	MCR100JZHF1500 150Ω	Changed: 11/'04				
R534,535	DBK-680JA1A	MCR50JZHJ680 68Ω		2			
	D0-00678001	MCR50JZHJ680 68Ω	Added: 5/'02				
	D0-20349001	MCR50JZHJ680 68Ω	Changed: 11/'04				
R831	GCB-0032001	Thermistor		1			
		PTH9M04BC222TS2F333 33KΩ					
	D0-05509000	PTFM04BC222Q2N34B0	Added: 5/'02				
	D0-22853000	PTFM04BC222Q2N34B0	Changed: 11/'04				
SMW-3x6	X0110306137	Double Sems Screw M-3x6		1			
	X0-00056000	Double Sems Screw M-3x6	Added: 5/'02				

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

**1 CPU PC BOARD ASS'Y 8/10**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
RA1,2,401,402	DBP-0015004	<b>&lt;RSTR. Array&gt;</b> MNR14E0ABJ101 100Ω		4			
	D0-05418001	MNR14E0ABJ101 100Ω	Added: 5/'02				
RA3,5,7,10, 12,13,16,19, 22,25,26	D0-20263001	MNR14E0ABJ101 100Ω	Changed: 11/'04				
	DBP-0294004	RNA4A8E103JT 10KΩ		14			
	D0-00171004	RNA4A8E103JT 10KΩ	Added: 5/'02	10			
RA4,6	D0-23073001	RNA4A8E103JT 10KΩ	RA25: Deleted:9/'02				
	DBP-0294006	RNA4A8E102JT 1KΩ	Changed: 11/'04				
	D0-00172004	RNA4A8E102JT 1KΩ	Added: 5/'02	2			
RA8,9,11	D0-23072001	RNA4A8E102JT 1KΩ	Changed: 11/'04				
	DBP-0294003	RNA4A8E473JT 47KΩ		3			
	D0-00176004	RNA4A8E473JT 47KΩ	Added: 5/'02				
RA14,15,17,18, 20,21,23,24, 100-107	D0-23077001	RNA4A8E473JT 47KΩ	Changed: 11/'04				
	DBP-0015053	MNR14E0ABJ680 68Ω		16			
	D0-01222004	MNR14E0ABJ680 68Ω	Added: 5/'02				
RA25	D0-20268001	MNR14E0ABJ680 68Ω	Changed: 11/'04				
	D0-00173004	RNA4A8E104JT 100KΩ	Changed: 9/'02	1			
C1,2,7,8	D0-23074001	RNA4A8E104JT 100KΩ	Changed: 11/'04				
	<b>&lt;Chip CAP.&gt;</b> DAA-100HM44	UWX1E100MCR1GB 10μF		4			
	D0-01414004	UWX1E100MCR1GB 10μF	Added: 5/'02				
C4-6,9-11,13, 15-20,23,24, 27-29,31,32, 117-119,122, 127-129,131, 132,134,139- 142,145-149, 152-155,157- 160,162-168, 170,172-176, 178,182,183, 186-189,338, 509-518,523, 525,527	D0-18395001	UWX1E100MCR1GB 10μF	Changed: 11/'04				
	DAB-103MK15	GRM39B103K50PT 0.01μF		81			
	D0-04100001	GRM188B11H103KA01D 0.01μF	Added: 5/'02				
C14	DAA-221GM57	UWX1A221MCR1GB 200μF		1			
	D0-01406004	UWX1A221MCR1GB 220μF	Added: 5/'02				
	D0-18388001	UWX1A221MCL1GB 220μF	Changed: 11/'04				
C25	DAA-100FM04	UWX1C100MCR1GB 10μF		1			
	D0-01409004	UWX1C100MCR1GB 10μF	Added: 5/'02				
	D0-18391001	UWX1C100MCL1GB 10μF	Changed: 11/'04				
C30,33,34,120, 121,123-126, 143,169,171, 179,180,185, 503,505	DAB-104HZ15	GRM39F104Z25PT 0.1μF		17			
	D0-04098001	GRM188F11E104ZA01D 0.1μF	Added: 5/'02				

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

**1 CPU PC BOARD ASS'Y 9/10**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
C100-116,156	DAB-101MJ21 D0-04102001	GRM39CH101J50PT 100pF GRM1882C1H101JA01D 100pF	Added: 5/'02	18			
C130,133,138, 502	DAB-220MJ16 D0-04093001	GRM39CH220J50PT 22pF GRM1882C1H220JZ01D	Added: 5/'02	4			
C135-137,144	DAB-471MK23 D0-07518001	GRM39B471K50PT 470pF GRM188B11H471KA01D 470pF	Added: 5/'02	4			
C181	DAB-561MK09 D0-07520001	GRM39B561K50PT 560pF GRM188B11H561KA01D 560pF	Added: 5/'02	1			
C190	DAB-470MJ15 D0-07496001	GRM39CH470J50PT 47pF GRM1882C1H470JZ01D 47pF	Added: 5/'02	1			
C508	DAC-334MK01	DTDA1H334K 0.33μF		1			
		<b>&lt;Electrolytic CAP.&gt;</b>					
C12, 22	DAA-471CM20 D0-03847001 D0-16758001	KMF10VB-470M 470μF TC04RKMF10VB470MF50 470μF TC04RKMF10VB470MF50E0 470μF	Added: 5/'02 Changed: 11/'04	2			
C35	DAA-101KM31 D0-03863001 D0-16762001	KMF35VB-100M 100μF TC04RKMF35VB100MF50 100μF TC04RKMF35VB100MF50E0 100μF	Added: 5/'02 Changed: 11/'04	1			
C507	DAA-471KM27 D0-00812001 D0-18288001	UPW1V471MPH 470μF UPW1V471MPH1TD 470μF UPW1V471MPH1TD 470μF	Added: 5/'02 Changed: 11/'04	1			
C526	DAA-471KM24 D0-03823000 D0-16750000	KMF35VB470M 470μF KMF35VB470M 470μF KMF35VB470ME1 470μF	Added: 5/'02 Changed: 11/'04	1			
		<b>&lt;Film CAP.&gt;</b>					
C36	DAC-224MJ08 D0-03123000 D0-21554000	ECQV1H224JL 22μF ECQV1H224JL 22μF ECQV1H224JL 22μF	Added: 5/'02 Changed: 11/'04	1			
		<b>&lt;CONN.&gt;</b>					
CN1	EAA-2181001 E0-05621000	57RE-40360-730B(D29A) 57RE-40360-730B (D29A)	Added: 5/'02	1			
CN2	EAA-2589001 E0-04631000	17LE-13090-27(D4CK) 17LE-13090-27 (D4CK)	Added: 5/'02	1			
CN3	EAA-0457001 E0-01300000	TCS7588-01-201 TCS7588-01-201	Added: 5/'02	1			
CN4	EAA-0214036 E0-01446000	DF11-24DP-2DSA(00) DF11-24DP-2DSA	Added: 5/'02	1			
CN5	EAA-0214032 E0-01442000	DF11-16DP-2DSA(00) DF11-16DP-2DSA	Added: 5/'02	1			
CN7	EAA-2857001 E0-01650000	FX8C-120P-SV6 FX8C-120P-SV6 (21)	Added: 5/'02	1			
CN9	EAA-0294019 E0-00645000	5267-02A-X 5267-02A-X	Added: 5/'02	1			
CN10	EAA-0214033 E0-01443000	DF11-18DP-2DSA(00) DF11-18DP-2DSA	Added: 5/'02	1			

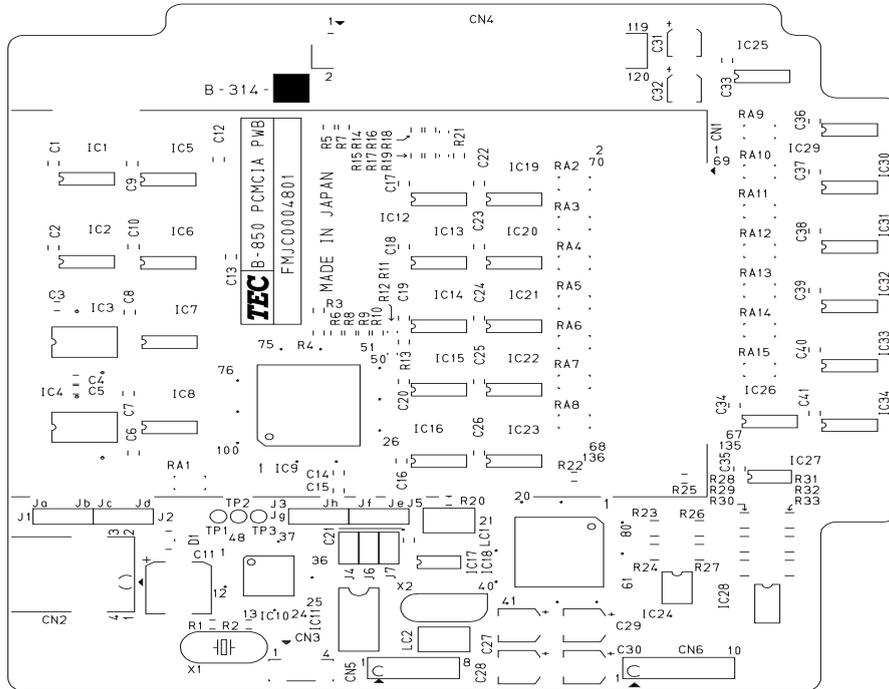
\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

**1 CPU PC BOARD ASS'Y 10/10**

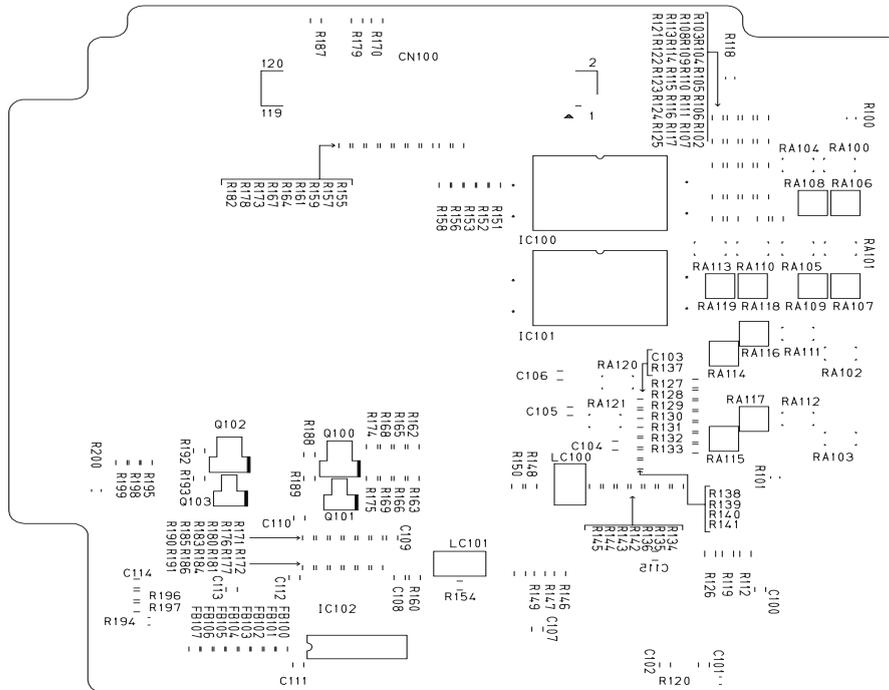
Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
CN11	EAA-0290001	53014-1110		1			
	E0-00623000	53014-1110	Added: 5/'02				
CN12	EAA-0290003	53014-0210		1			
	E0-00614000	53014-0210	Added: 5/'02				
CN13	EAA-0046003	53014-0810		1			
	E0-00620000	53014-0810	Added: 5/'02				
CN14	EAA-0854001	53047-0910		1			
	E0-00739000	53047-0910	Added: 5/'02				
CN15	EAA-0855001	53047-1110		1			
	E0-00741000	53047-1110	Added: 5/'02				
CN16	EAA-0851002	53047-1210		1			
	E0-00742000	53047-1210	Added: 5/'02				
CN501	EAA-0522001	5566-10A		1			
	E0-00856000	5566-10A	Added: 5/'02				
F3,4,501	EHA-0213006	Fuse 451002		3	D		
	E0-03832001	Fuse 0451 002MR	Added: 5/'02				
F7	EHA-0213003	Fuse R451003		1	D		
	E0-03833001	Fuse 0451 003MR	Added: 5/'02				
F502	EHA-0130003	Fuse SMD100		1	D		
	E0-03722001	Fuse SMD100-02	Added: 5/'02				
	E0-07272001	Fuse SMD100F-2	Changed: 11/'04				
FB1,2,101-110, 501	DDG-0115003	Noise Filter BLM11A121S		13			
	D0-04444001	Noise Filter BLM18AG121SN1D	Added: 5/'02				
	DDH-0094001	Noise Filter BLM41A800S		1			
FB3	D0-04471001	Noise Filter BLM41AF800SN1L	Added: 5/'02				
J1	EAA-2516001	Short Pin 5548-03A		1			
	E0-00991000	Short Pin 5548-03A	Added: 5/'02				
	EAA-2517001	Jumper 90059-0013		1			
	E0-00877000	Jumper 90059-0013	Added: 5/'02				
L501	DDD-0145002	Coil SK-17P-050-230		1			
	D0-06156000	Coil SK-17P-050-230	Added: 5/'02				
LD100	CBE-0049002	Chip Diode 1SS226		1			
	C0-00475001	Chip Diode 1SS226 (TE85L)	Added: 5/'02				
	C0-08128002	Chip Diode 1SS226(TE85L F)	Changed: 11/'04				
NF1-5	DDA-0282001	Noise Filter STC104B		5			
	D0-07444001	Noise Filter STC104B	Added: 5/'02				
X1	DCD-0008008	Crystal AT-49 7.3728MHZ		1	D		
	D0-04631000	Crystal AT-49 7.3728MHZ	Added: 5/'02				
X3	DCD-0386014	Crystal SG-8002JC-20M-PHC		1	D		
	D0-13350001	Crystal SG-8002JC-20M-PHCL	Added: 2/'03				
	FMEC0073601	HEAT SINK		1			
SMW-3x8	FMEC0073602		Changed:8/2001				
	X0110308157	Double Sems Screw M-3x8		2			
	X0-00078000	Double Sems Screw M-3x8	Added: 5/'02				

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

**2 PIMCIA PC BOARD ASS'Y**



**Parts Side**



**Solder Side**

**2 PCMCIA PC BOARD ASS'Y 1/2**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
	-----	PCMCIA PC Board Ass' y (SERV No. B-314-01)	(B-7708-PC-QM)	1	E		
IC1, 2, 5, 6	CAM-024426A	IC TD74ABT244AFS		4	E		
IC3, 4	CAM-424528A	IC TC74LVX4245FS		2	E		
IC7, 8	CAM-037330A	IC TC74LCX373FT		2	E		
IC9	CAB-0416001	IC EPF8282ATC100-4		1	E		
IC12, 22, 31	CAM-024431A	IC TC74VHCT244AFT		3	E		
IC13, 33	CAM-054129A	IC TC74VHC541FT		2	E		
IC14, 15, 21, 29, 30, 32	CAM-024429A	IC TC74VHC244FT		6	E		
IC16, 26	CAM-027329A	IC TC74VHC273FT		2	E		
IC19, 20, 25, 34	CAM-024529A	IC TC74VHC245FT		4	E		
IC23	CAM-024430A	IC TC74LCX244FT		1	E		
IC27	CAM-003229A	IC TC74VHC32FT		1	E		
		<b>&lt;XISTOR.&gt;</b>					
Q100, 102	CBA-0087001	2SB1115		2			
Q101, 103	CBC-0017001	FA1A4M-T1B		2			
		<b>&lt;Chip RSTR.&gt;</b>					
R1, 22, 25	DBK-102JA5A	MCR03EZHZ102 1KΩ		3			
R100, 101, 118, 120, 194, 200	DBK-R00JA4A	MCR10EZHZ000 0Ω		6			
R102, 103, 108, 113, 121, 125, 162, 165, 166, 168, 169, 174, 175	DBK-680JA5A	MCR03EZHZ680 68Ω		13			
R104, 107, 109, 114, 117, 122, 127-145, 148, 151-153, 156, 158, 185, 188, 192, 195, 198 199	DBK-103JA5A	MCR03EZHZ103 10KΩ		37			
R105, 106, 110, 111, 115, 116, 123, 124, 146, 147, 115, 157, 159, 161, 164, 167, 170, 173, 178, 179, 182 187	DBK-104JA5A	MCR03EZHZ104 100KΩ		22			
R149, 150	DBK-222JA5A	MCR03EZHZ222 2.2KΩ		2			
R160	DBK-101JA5A	MCR03EZHZ101 100Ω		1			
R189, 193	DBK-332JA5A	MCR03EZHZ332 3.3KΩ		2			

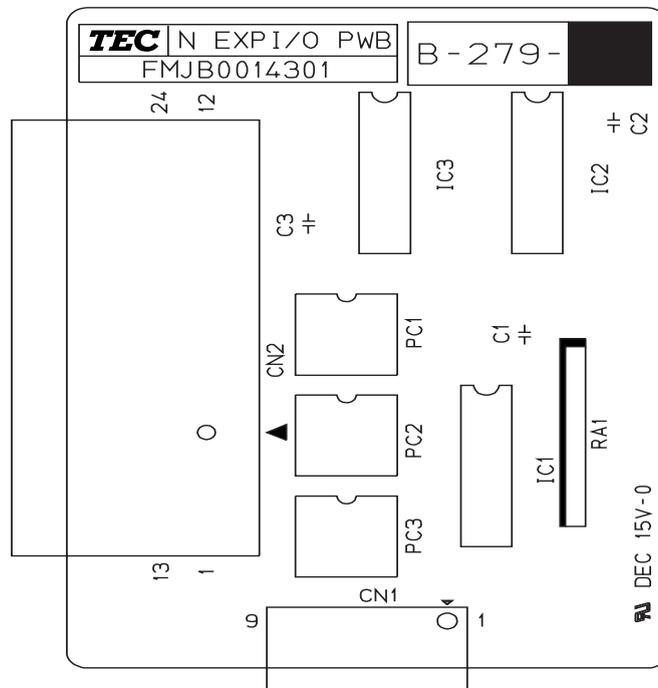
\*1: Q'ty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

**2** PCMCIA PC BOARD ASS'Y 2/2

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
RA1-15, 100-105, 110-113, 120, 121	DBP-0294001	<RSTR. Array> RNA4A8E103JT 10KΩ		27			
RA106-109, 114- 119	DBP-0015053	MNR14E0ABJ680 68Ω		10			
C1-10, 12-26, 33- 41, 103-107, 111, 113-115	DAB-103MK15	<Chip CAP.> GRM39B103K50PT 0.01μF		43			
C31, 32	DAA-100FM04	UWX1C100MCR1GB 10μF		2			
CN1	EAA-2865001 EAA-2864002	CONN. IC8C-136RD-0.635SFA PC Card Slot		1 1			
SMW-2x16	X0110216136	IC8SC-136PF-SF-EJR Double Sems Screw M-2x16		4			
CN100	EAA-2857002	CONN. FX8C-120S-SV5		1			
LC100	DDA-0208001	Noise Filter NFM4516P13C204FB1		1			

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

**3** EXPANSION I/O PC BOARD ASS'Y

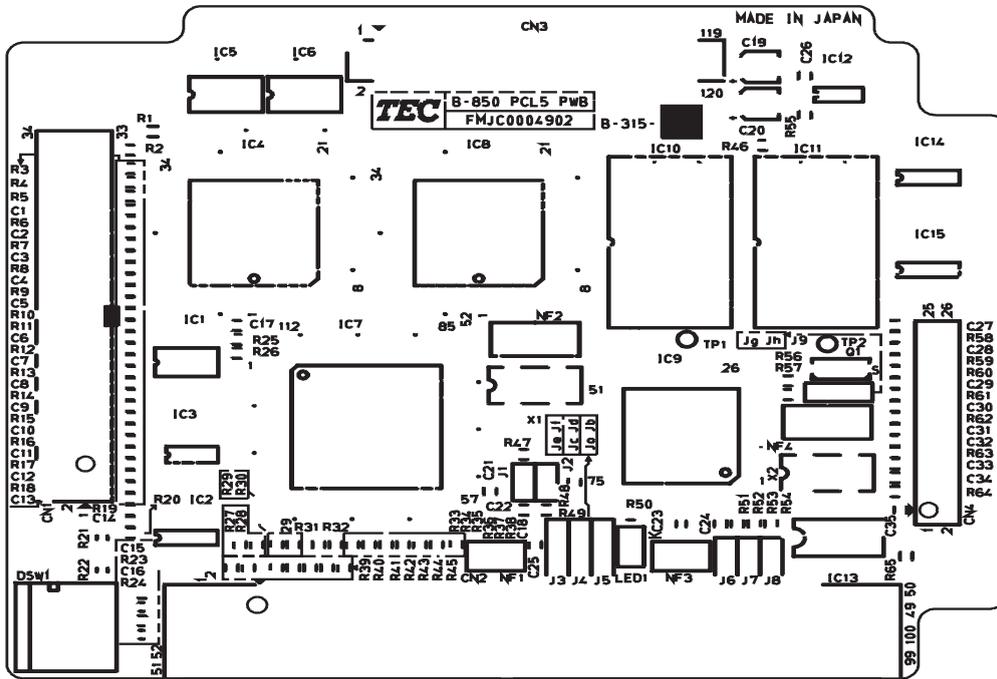


**3 EXPANSION I/O PC BOARD ASS'Y**

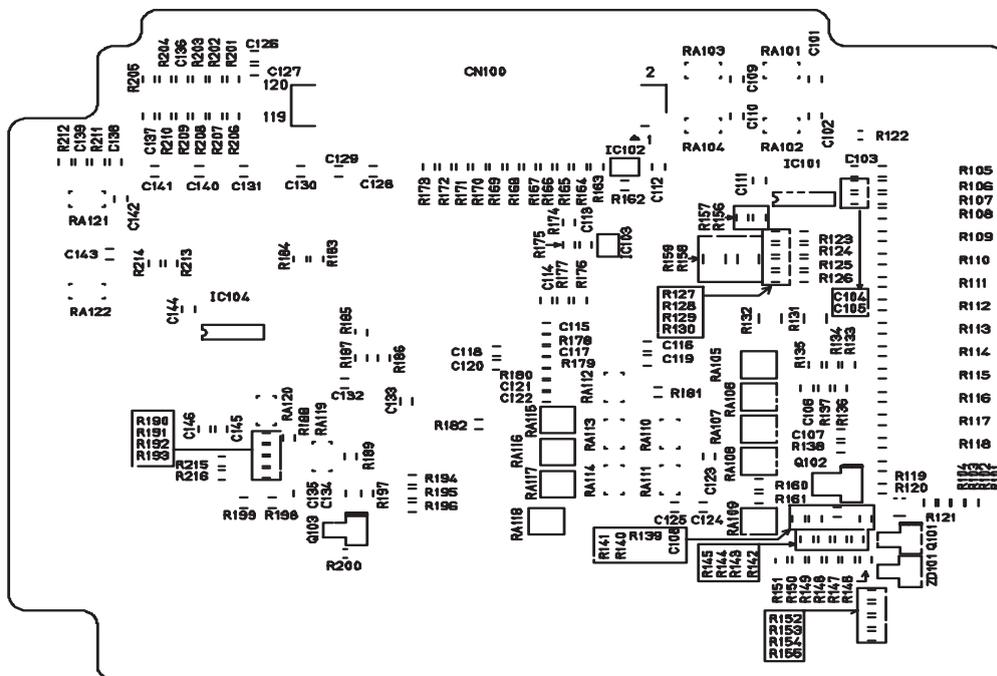
Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
	-----	EXP I/O PC Board Ass'y (SERV No. B-279-01)	(B-8700-10-QM)	1	E		
IC1	CAM-016501A	CMOS IC TC74HC165AP		1	E		
IC2	CAM-059501A	CMOS IC TC74HC595AP		1	E		
IC3	CBB-0002003	XI STOR. Array TD62004P		1	E		
RA1	DBP-0013001	RSTR. Array EXBF9E471J 470Ω		1			
C1-3	DAB-103MZ22	Ceramic CAP. DD106-999F103Z50 0.01μF		3			
CN1	EAA-1621003	CONN. 53254-0910		1			
CN2	EAA-2304001	CONN. 24P 57RE-40240-730B (D29A)		1			
PC1-3	DEC-0006002	Photo Coupler TLP521-2		3			
	FMEB0121301	EXP. I/O Shield Plate		1			

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

**4** PCL5 PC BOARD ASS'Y



Parts Side



Solder Side

**4 PCL5 PC BOARD ASS'Y 1/3**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3
	-----	PCL5 PC Board (Service No. B-315-01)	(B-7708-PCL-QM)	1	E	
IC1	CAM-128413H	CMOS IC 74ACT1284MSA		1	E	
IC2, 101	CAM-024513F	CMOS IC SN74ACT245PW		2	E	
IC3	CAM-015729A	CMOS IC TC74VHC157FT		1	E	
IC4	CAC-0350011	PLC52P IC IDT7130SA55J		1	E	
IC5, 6	CAM-424528A	SSOP24P IC TC74LVX4245FS		2	E	
IC7	CAA-0398001	QFP112P IC HD6417014F28		1	E	
IC8	CAC-0350010	PLC52P IC IDT7140SA55J		1	E	
IC9	CAB-0416001	QFP100P IC EPF8282ATC100-4		1	E	
IC10	FMBC0093001	B-850 PCL5 SOFT BK		1		
IC12	CAM-0003008	CMOS IC SN74LV125APW		1	E	
IC14, 15, 104	CAM-024431A	CMOS IC TC74VHCT244AFT		3	E	
IC103	CAQ-0024003	CMOS IC TC7S04FU		1	E	
		<b>&lt;Chip XISTOR.&gt;</b>				
Q1	CBQ-0124001	2SJ418		1		
Q101	CBA-0088001	2SC1621		1		
Q102	CBA-0087001	2SB1115		1		
Q103	CBC-0017001	FA1A4M-T1B		1		
ZD101	CBG-0109001	Z. Diode 02CZ2.7Y TE85R		1		
		<b>&lt;Chip RSTR.&gt;</b>				
R1, 65	DBK-R00JA3A	MCR18EZHZ000 0Ω		2		
R2, 151, 157, 174, 199, 201, 205, 206, 209	DBK-R00JA5A	MCR03EZHZ000 0Ω		9		
R3-5, 19	DBK-100JA5A	MCR03EZHZ100 10Ω		4		
R6-10	DBK-390JA5A	MCR03EZHZ390 39Ω		5		
R11-18, 25, 37, 38, 63, 177, 182, 195, 196	DBK-101JA5A	MCR03EZHZ101 100Ω		16		
R20, 51, 53, 54, 56, 57, 105-108, 127-130, 133- 137	DBK-102JA5A	MCR03EZHZ102 1KΩ		19		
R21, 22	DBK-101JA4A	MCR10EZHZ101 100Ω		2		
R23, 24	DBK-681FA4A	MCR10EZHF6800 680Ω		2		

\*1: Qty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Part

**4 PCL5 PC BOARD ASS'Y 2/3**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3
R27, 28, 35, 39-42, 47, 49, 50, 113-120, 138, 141-150, 180, 181, 185, 188, 190-193, 216	DBK-103JA5A	MCR03EZHZ103 10KΩ		38		
R29-34, 36, 43-45, 48, 52, 160, 161, 189, 197	DBK-470JA5A	MCR03EZHZ470 47Ω		16		
R58-62, 64, 123-126, 203, 210-212	DBK-330JA5A	MCR03EZHZ330 33Ω		14		
R109-112	DBK-473JA5A	MCR03EZHZ473 47KΩ		4		
R101, 103	DBK-392FB5A	MCR03EZPF3901 3.9KΩ		2		
R102, 104	DBK-222FB5A	MCR03EZPF2201 2.2KΩ		2		
R121	DBK-221JA2A	MCR25JZHJ221 220Ω		1		
R122	DBK-R00JA4A	MCR10EZHZ000 0Ω		1		
R131, 132, 158, 159	DBK-271JA2A	MCR25JZHJ271 270Ω		4		
R139, 186	DBK-472JA5A	MCR03EZHZ472 4.7KΩ		2		
R163, R187	DBK-680JA5A	MCR03EZHZ680 68Ω		2		
R164-173	DBK-104JA5A	MCR03EZHZ104 100KΩ		10		
R178	DBK-302JA5A	MCR03EZHZ302 3KΩ		1		
R179	DBK-201JA5A	MCR03EZHZ201 200Ω		1		
R200	DBK-361JA4A	MCR10EZHZ361 360Ω		1		
R215	DDG-0115017	BLM11B331SD		1		
		<b>&lt;RSTR. Array&gt;</b>				
RA101, 103, 110-112, 119-122	DBP-0294001	RNA4A8E103JT 10KΩ		9		
RA102, 104, 113, 114	DBP-0308001	CND2A10YTE1.2KΩJ		4		
RA105-109, 115-118	DBP-0015038	MNR14EOABJ470 47Ω		9		
		<b>&lt;Chip CAP.&gt;</b>				
C1, 32, 33, 118, 146	DAB-102MK23	GRM39B102K50PT 1000pF		5		
C2-14, 103-105	DAB-221MJ15	GRM39CH221J50PT 220pF		16		

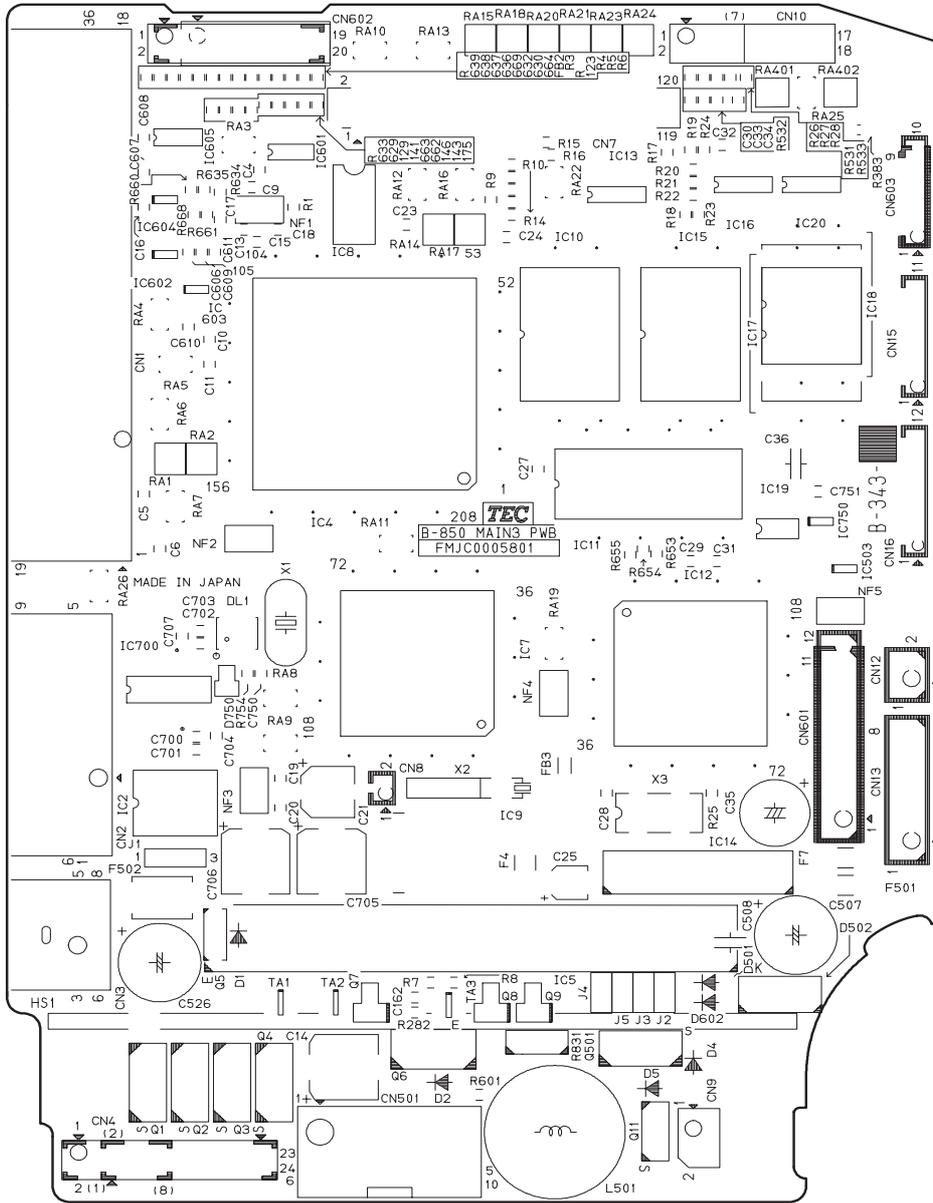
\*1: Qty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Part

**4 PCL5 PC BOARD ASS'Y 3/3**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3
C15-17, 21, 22, 26, 101, 102, 106-114, 116, 117, 119-129, 131, 140, 142- 145	DAB-104HZ15	GRM39F104Z25PT 0.1μF		36		
C18, 23-25, 132-135	DAB-103MK15	GRM39B103K50PT 0.01μF		8		
C19, 20	DAA-100FM04	UWX1C100MCR1GB 10μF		2		
C27-31, 34	DAB-101MJ21	GRM39CH101J50PT 100pF		6		
C35, 130, 136- 139, 141	DAB-220MJ16	GRM39CH220J50PT 22pF		7		
C115	DAB-471MK23	GRM39B471K50PT 470pF		1		
		<b>&lt;CONN.&gt;</b>				
CN1	EAA-0236001	HU5-340PNA-S53T		1		
CN2	EAA-3139002	DHD-PA100-R131 NO		1		
CN4	EAA-2635008	B26B-PHDSS		1		
CN100	EAA-2857002	FX8C-120S-SV5		1		
DSW1	EBC-0007002	DIP Swi tch KSP04		1		
J1, 2, 6-8	EAA-0015002	CONN. I MSA-9202B-1-02-T		5		
J3-5, 9	EAA-0015003	CONN. I MSA-9202B-1-03-T		4		
LED1	CBH-0051001	LED SLP-355B-51-TEC		1		
NF1, 3	DDA-0208001	Noi se Fi lter NFM4516P13C204FB1		2	D	
NF2, 4	DDG-0067001	Noi se Fi lter NFM61R30T472T1		2	D	
X1	DCD-0386018	Crystal SG-8002JC-6.7584M-PHC		1	D	
X2	DCD-0386014	Crystal SG-8002JC-20M-PHC		1	D	
	RPM45-10701	Sti cker C		1		

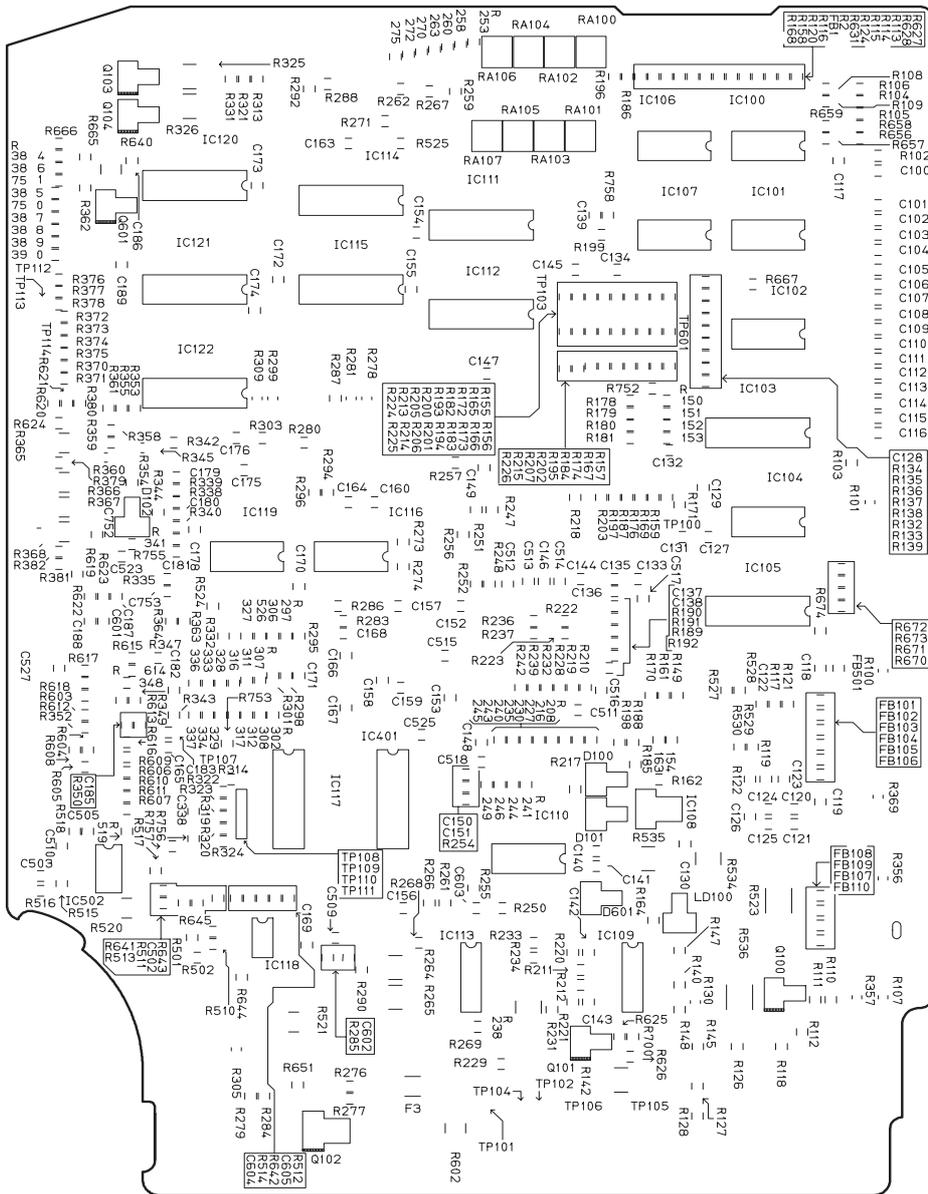
\*1: Qty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Part

**5 CPU PC BOARD ASS'Y (MAIN 3) 1/2**



**Parts Side**

**5 CPU PC BOARD ASS'Y (MAIN 3) 2/2**



**Solder Side**

**5 CPU PC BOARD ASS'Y (MAIN 3) 1/7**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
	FMBD0046404	CPU PC Board Ass'y (MAIN 3) (Service No. B-343-04)	QQ, QP	1	E		
	FMBD0046410	CPU PC Board Ass'y (MAIN 3) (Service No. B-343-04)	CN Added:4/'04	1	E		
IC2	C0-04830001	HIN202CBN-T		1	E		
IC4	CAJ-0442001	QFP208P SLA411T EC-M227		1	E		
IC5	C0-02252000	STK6713AMK4		1	E		
IC7	C0-02342000	HD6417708SF60		1	E		
IC8	C0-04552000	ROM M93C46-BN6		1	E		
(IC8)	E0-00151000	IC Socket 390261-2		1			
IC9	<del>C0-02083001</del> C0-07729001	<del>LM1085ISX-3.3</del> LM1085ISX-3.3/NOPB	Changed:4/'04	1	E		
IC10	FMBC0090601	B-850 SOFT2 BK		1			
IC11	C0-06595000 C0-06110000 C0-06753000	MT48LC2M32B2TG-6 Y94W HY57V643220CT-55 HY57V643220CT-7	Interchangeable Interchangeable Added: 5/'03	1	E		
IC12	CAJ-0445001	QFP144P SLA407T EC-M228		1	E		
IC13,16,20	C0-01285001	TC74LCX244FT (EL)		3	E		
IC14	C0-00922000	TA8429H		1	E		
IC15	FMBC0090501	B-850 SOFT1 BK		1			
IC19	<del>C0-03278001</del> C0-07398001	<del>UPC393G2-T1</del> UPC393G2-T1-A	Changed:4/'04	1	E		
IC100,106,116	C0-01296001	TC74VHC00F (TP1)		3	E		
IC101	C0-01307001	CMOS IC TC74VHC10F (TP1)		1	E		
IC102	C0-02508001	SN7406NSR		1	E		
IC103	C0-02011001	SN74LS245NSR		1	E		
IC104	C0-02705001	SN74LS14NSR		1	E		
IC105	C0-02733001	SN74LS244NSR		1	E		
IC107	C0-01546001	TC74VHC74F (TP1)		1	E		
IC109	<del>C0-03341001</del> C0-07406001	<del>UPC844G2-T1</del> UPC844G2-T1-A	Changed:4/'04	1	E		
IC110	C0-05264001	M62354FP 70ND		1	E		
IC111,112,114, 115	C0-01286001	TC74LCX245F (EL)		4	E		
IC113	C0-00175001	BA10324AF-E2		1	E		
IC117	C0-00928000	TC35095AF		1	E		
IC118	<del>C0-03275001</del> C0-07396001	<del>UPC358G2-T1</del> UPC358G2-T1-A	Changed:4/'04	1	E		
IC119	C0-01337001	TC74VHC32F (EL)		1	E		
IC120-122	C0-01284001	TC74LCX244F (EL)		3	E		
IC401	C0-01425000	TC74VHCT244AF		1	E		
IC502	C0-02951001	SOP8P TL5001CPSR		1	E		

\*1: Qty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

**5 CPU PC BOARD ASS'Y (MAIN 3) 2/7**

Ref. No.	Part No.	Description	*1	*2	*3	*4
IC503	C0-01418001	TC7WH32FU (TE12L)	1	E		
IC601	C0-01302001	TC74VHC04FT (EL)	1	E		
IC602,604	C0-01409001	CMOS IC TC7W32FU (TE12L)	2	E		
IC605	C0-01324001	TC74VHC165FT (EL)	1	E		
IC700	C0-05077001	ADM211EARS-REEL	1	E		
IC750	C0-06346001	CMOS IC TC7WH14FU (TE12L)	1	E		
<b>&lt;XISTOR&gt;</b>						
Q1-4	<del>E0-03023000</del> C0-07337000	2SJ495 2SJ495-AZ	4			
Q5	C0-02183000	2SD1802	1			
Q6	C0-02185000	2SD1838	1			
Q7-9	<del>E0-02991001</del> C0-07352001	2SC1621-T1B 2SC1621-T1B-A	3			
Q11	C0-03024000	2SK1059	1			
Q100,101,103, 104	<del>E0-03041001</del> C0-07391001	FA1A4M-T1B FA1A4M-T1B-A	4			
Q102	C0-00609001	2SK2615 (TE12L)	1			
Q501	C0-02189000	2SJ263	1			
D1,2,4,5,501	C0-00011001	Diode AM01ZV1	5			
D102	C0-00471001	Chip Diode 1SS187 (TE85R)	1			
D502	C0-03953000	Diode D4L20U-4000	1			
D601	C0-06250001	Chip Diode 1SS377 (TE85L)	1			
D750	C0-05795001	Diode 1SS372 (TE85L)	1			
<b>&lt;Chip RSTR.&gt;</b>						
R4-6,10-15, 17,22,113- 115,149,254- 1156,159,163, 165-167,169, 171-174,176, 182-184,187, 191,193,194, 197,200,201, 203,205-208, 210,213-216, 218,219,224- 228,230,232, 235,239,240, 242,243,253, 258,260,263, 270,272,280, 288,292,335, 370,371,524, 754	D0-01036001	MCR03EZHJ680 68 ohm	77			

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

**5 CPU PC BOARD ASS'Y (MAIN 3) 3/7**

Ref. No.	Part No.	Description	*1	*2	*3	*4
R7,140,147, 148,164,211, 220,211,501	D0-01053001	MCR03EZPF1002 10k ohm	9			
R8	D0-01113001	MCR03EZPF2701 2.7k ohm	1			
R9,20,21,26- 28,106,110, 132-134,137, 157,158,162, 168,195,199, 202,212,236, 237,247,257, 273,275,279, 283,286,297, 302,306,308, 312,317,327, 329,334,339, 347-349,352, 362,363,525, 526,619,627, 628,636-639, 665,669-674	D0-00953001	MCR03EZHZ103 10k ohm	61			
R16,18,19,23, 24,103,104, 138,139,143, 150-153,175, 178-181,190, 231,259,262, 267-269,271, 295,301,307, 311,316,328, 332,333,336, 364,384,387- 390,531-533, 750,751	D0-00951001	MCR03EZHZ101 100 ohm	47			
R25	D0-01002001	MCR03EZHZ330 33 ohm	1			
R101,107,305, 356,357,369, 383	D0-01189001	MCR10EZHZ000 0 ohm	7			
R102,313,321, 331,350	D0-00952001	MCR03EZHZ102 1k ohm	5			
R111	D0-01046001	MCR03EZHZ822 8.2k ohm	1			
R112,118,126, 145,284	D0-00950001	MCR03EZHZ100 10 ohm	5			
R117,119,121, 122,527-530	D0-00954001	MCR03EZHZ104 100k ohm	8			

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

**5 CPU PC BOARD ASS'Y (MAIN 3) 4/7**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
R123,141,185, 256,296,343, 372,374,601, 608-611,613- 615,621,623, 625,629,630, 654,658,659, 663,667,668, 752,757	D0-00949001	MCR03EZHJ000 0 ohm		29			
R127	D0-01126001	MCR03EZPFX3302 33k ohm		1			
R128	D0-01149001	MCR03EZPFX4701 4.7k ohm		1			
R130	D0-01740001	MCR10EZHJ101 100 ohm		1			
R142	D0-00664001	MCR50JZHJ332 3.3k ohm		1			
R161,189,198, 241,246,248, 249,251,252, 254	D0-01021001	MCR03EZHJ473 47k ohm		10			
R229	D0-00982001	MCR03EZHJ221 220 ohm		1			
R233,250	D0-01059001	MCR03EZPFX1102 11k ohm		2			
R234,255,285	D0-01076001	MCR03EZPFX1502 15k ohm		3			
R238,264,265	D0-00643001	MCR50JZHJ151 150 ohm		3			
R261	D0-01099001	MCR03EZPFX2202 22k ohm		1			
R266	D0-00948001	MCR03EZPFX1602 16k ohm		1			
R282	D0-01133001	MCR03EZPFX3900 390 ohm		1			
R290	D0-01178001	MCR03EZPFX6802 68k ohm		1			
R298,340,341	D0-01020001	MCR03EZHJ472 4.7k ohm		3			
R319,322	D0-01064001	MCR03EZPFX1202 12k ohm		2			
R320	D0-01184001	MCR03EZPFX8200 820 ohm		1			
R325,326	D0-00653001	MCR50JZHJ221 220 ohm		2			
R338	D0-01038001	MCR03EZHJ682 6.8k ohm		1			
R344	D0-00963001	MCR03EZHJ124 120k ohm		1			
R354	D0-01001001	MCR03EZHJ304 300k ohm		1			
R365-368	D0-00592001	MCR25JZHJ221 220 ohm		4			
R376,378	D0-01135001	MCR03EZPFX3902 39k ohm		2			
R377	D0-01587001	MCR03EZPFX8202 82k ohm		1			
R379-382	D0-01050001	MCR03EZHJ912 9.1k ohm		4			
R502	D0-01162001	MCR03EZPFX5601 5.6k ohm		1			
R510,512-514, 519	D0-01054001	MCR03EZPFX1003 100k ohm		5			
R511,515	D0-00985001	MCR03EZHJ224 220k ohm	R515: Deleted in 10/03	2			
R516	D0-00983001	MCR03EZHJ222 2.2k ohm		1			
R517	D0-00962001	MCR03EZHJ123 12k ohm		1			

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

**5 CPU PC BOARD ASS'Y (MAIN 3) 5/7**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
R518	D0-01006001	MCR03EZHZ334 330k ohm		1			
R520	D0-00582001	MCR25JZHJ152 1.5k ohm		1			
R521	D0-00593001	MCR25JZHJ222 2.2k ohm		1			
R523,536	D0-01591001	MCR100JZHF1500 150 ohm		2			
R534,535	D0-00678001	MCR50JZHJ680 68 ohm		2			
R831	D0-05509000	PTFM04BC222Q2N34B0		1			
<b>&lt;RSTR. Array&gt;</b>							
RA1,2,401,402	D0-05418001	MNR14E0ABJ101 100 ohm x 4/D		4			
RA3,5,7,10, 12,13,16,19, 22,26	D0-00171001	RNA4A8E103JT 10k ohm x 8		10			
RA4,6	D0-00172001	RNA4A8E102JT 1k ohm x 8		2			
RA8,9,11	D0-00176001	RNA4A8E473JT 47k ohm x 8		3			
RA14,15,17, 18,20,21,23, 24,100-107	D0-01222001	MNR14E0ABJ680 68 ohm x 4/D		16			
RA25	D0-00173001	RNA4A8E104JT 100k ohm x 8		1			
<b>&lt;Chip CAP.&gt;</b>							
C4-6,9-11,13, 15-20,23,24, 27-29,31,32, 117-119,122, 127-129,131, 132,134,139- 142,145-149, 152-155,157- 160,162-168, 170,172-176, 178,182,183, 186-189,338, 509,510,511- 518,523,525, 527,602,606- 608,751,503	D0-04100001	GRM188B11H103KA01D 0.01μF	C503: Added in 10/03	86 87			
C14	D0-01406001	UWX1A221MCR1GB 220μF		1			
	D0-18388001	UWX1A221MCL1GB 220μF	Changed:4/04				
C25	D0-01409001	UWX1C100MCR1GB 10μF		1			
	D0-18391001	UWX1C100MCL1GB 10μF	Changed:4/04				
C30,33,34, 120,121,123- 126,143,169, 171,179,180, 185,503,505, 700-704,707	D0-04098001	GRM188F11E104ZA01D 0.1μF	C503: Deleted in 10/03	23 22			
C100-116,156, 603	D0-04102001	GRM1882C1H101JA01D 100pF		19			

\*1: Qty/Unit \*2: Recommended Parts \*3: Revised Record \*4: New Parts

**5 CPU PC BOARD ASS'Y (MAIN 3) 6/7**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
C130,133,138, 502	D0-04093001	GRM1882C1H220JZ01D 22pF		4			
C135-137,144	D0-07518001	GRM188B11H471KA01D 470pF		4			
C181	D0-07520001	GRM188B11H561KA01D 560pF		1			
C705,706	D0-08750001	MVY10VC470MH10 470μF		2			
<b>&lt;Electrolytic CAP.&gt;</b>							
C35	D0-03863001	TC04RKMF35VB100MF50 100μF		1			
C507	<del>D0-00812001</del>	<del>UPW1V471MPH1TD 470μF</del>	Changed:4/04	1			
	D0-18288001	UPW1V471MPD1TD 470μF					
C526	D0-03823000	KMF35VB470M 470μF		1			
C36	D0-03123000	Film CAP. ECQV1H224JL 0.22μF		1			
C508	DAC-334MK01	Film CAP. DTDA1H334K 0.33μF		1			
<b>&lt;CONN.&gt;</b>							
CN1	E0-05621000	57RE-40360-730B (D29A)		1			
CN2	E0-04631000	17LE-13090-27 (D4CK)		1			
CN3	E0-01300000	TCS7588-01-201		1			
CN4	E0-01446000	DF11-24DP-2DSA		1			
CN7	E0-01650000	FX8C-120P-SV6 (21)		1			
CN9	E0-00645000	5267-02A-X		1			
CN10	E0-01443000	DF11-18DP-2DSA		1			
CN12	E0-00614000	53014-0210		1			
CN13	E0-00620000	53014-0810		1			
CN15	E0-00741000	53047-1110		1			
CN16	E0-00742000	53047-1210		1			
CN501	E0-00856000	5566-10A		1			
CN601	E0-00623000	53014-1110		1			
CN602	E0-01442000	DF11-16DP-2DSA		1			
CN603	E0-00739000	53047-0910		1			
DL1	D0-14439001	Delay Line LDH547N00KAB-700		1			
F3,4,501	E0-03832001	Fuse 0451 002MR		3	D		
F7	E0-03833001	Fuse 0451 003MR		1	D		
F502	E0-03722001	Fuse SMD100-02		1	D		
FB1,2,101- 110,501	D0-04444001	Noise Filter BLM18AG121SN1D		13	D		
FB3	D0-04471001	Noise Filter BLM41AF800SN1L		1	D		

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

**5 CPU PC BOARD ASS'Y (MAIN 3) 7/7**

Ref. No.	Part No.	Description	Remarks	*1	*2	*3	*4
J1	E0-00991000	Short Pin 5548-03A		1			
(J1)	E0-00877000	Jumper Socket 90059-0013		1			
L501	D0-06156000	Coil SK-17P-050-230		1			
LD100	C0-00475001	Chip Diode 1SS226 (TE85L)		1			
NF1-5	D0-07444001	Noise Filter STC104B		5	D		
TA1-3	C0-00683001	XISTOR Array RN4602 (TE85R)		3			
X1	D0-04631000	Crystal AT-49 7.3728MHZ		1	D		
X3	D0-13350001	Crystal SG-8002JC-20M-PHCL		1	D		
	FMEC0073602	PCB Heat Sink		1			
SMW-3x8	X0-00078000	Double Sems Screw M-3x8	Secure Heat Sink.	2			
SMW-3x8*	X0-00072000	Double Sems Screw M-3x8 (Small washer)	Secures R831.	1			
SMW-3x6	X0-00056000	Double Sems Screw M-3x6	Secures Q6 and Q501	2			

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