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Mellon Bank

MATSUSHITA ELECTRIC CORPORATION OF JAPAN WATERMARKED PAPER AND CONTAINS VISIBLE FIBERS  
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 201-271-5500 (Accounts Payable Inquiry Line)

PAY 2 Nine Hundred Forty and 0/100ths Dollars  
 FEDERAL COMMUNICATIONS

TO THE ORDER OF COMMISSION  
 ATTN RICHARD MULLEN X7765

Date 10/20/98 Vendor Number 99-000-000008844  
 Net Amount \$940.00

No. 267830  
 AUTHORIZED SIGNATURE  
*R. Mullen*

(Citibank Gateway) CITICORP, A subsidiary of Citicorp  
 ONE FINANCIAL CENTER  
 NEW YORK, NY 10280

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**FEDERAL COMMUNICATIONS COMMISSION**

Approved by OMB  
3060-0057

**FCC FORM 731**

For  
FCC  
use  
only

**APPLICATION FOR EQUIPMENT AUTHORIZATION**

**SECTION I - ALL ITEMS IN THIS SECTION MUST BE COMPLETED**

1. Applicant's complete, legal business name  Check here if this is a change in name and/or address not previously reported (See 47 CFR §2.934)  
**Matsushita Electric Industrial Co., Ltd.**

2. Applicant's mailing address (Line 1)  
**1006 Oaza Kadoma**

Applicant's mailing address (Line 2) (if required)  
**Kadoma, Osaka**

City  
**Kadoma, Osaka**

State or Country (if foreign address) ZIP/Postal Code  
**Japan**

3. FCC ID: (a) Grantee Code **A C J** (b) Equipment Product Code (14 characters maximum, show zeros as Ø)  
**5Z6KX-PS81Ø1**

4. Name, Title and Mail Stop, if any, of person at the applicant's address to receive grant, or for contact: (See instructions)  
**S. Fujisaki / Manager**

5. (a) Telephone No. (Area/Country/City code, No. and Ext.) **+81-942-81-2739** (b) FAX No. (Area/Country/City code and No.) **+81-942-81-2726**

(c) Internet e-mail address: **fujisaki@sdsft.kme.mei.co.jp**

**SECTION II - See 47 CFR §1.1103 for Fee Type Codes and Fees. Fee Type Codes are listed in Paragraph C of the attached instructions.**

Enter in Column (A) the correct Fee Type Code for the service for which you are applying. Enter in Column (C) the result obtained from multiplying the Fee amount for the Fee Type Code in Column (A) by the number entered in Column (B). If requesting more than ONE service, enter additional Fee Type Code(s) in Section III below.

(A)	(B)	(C)	FOR FCC USE ONLY
FEE TYPE CODE	FEE MULTIPLE	FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	
(1) E G C	0 0 0 1	\$ 940	

**SECTION III - Use when requesting more than one service. If only one service is requested, complete only Section II and Section III, Item (5).**

(A)	(B)	(C)	FOR FCC USE ONLY
FEE TYPE CODE	FEE MULTIPLE	FEE DUE FOR FEE TYPE CODE IN COLUMN (A)	
(2) [ ] [ ] [ ]	0 0 0 1	\$ [ ]	
(3) [ ] [ ] [ ]	0 0 0 1	\$ [ ]	
(4) [ ] [ ] [ ]	0 0 0 1	\$ [ ]	

(5) Add all amounts shown in column C, lines (1) through (4), and enter the total here. This amount should equal your enclosed remittance.

TOTAL AMOUNT REMITTED WITH THIS APPLICATION OR FILING  
\$ 940

FOR FCC USE ONLY

**SECTION IV - Enter FCC ID from Page 1, Section I**

ACJ5Z6KX-PS8101

1. (a) Instead of Applicant, FCC is authorized to mail original Grant to: (See instructions)

Firm name: Matsushita Electric Corporation of America  
 number, street: One Panasonic Way, Panazip 4B-8  
 City, State/Country: Secaucus, NJ. 07094, USA  
 ZIP/Postal Code:

(b) Name, Title and Mail Stop, if any, of person at above address to receive Grant: (If 1.(a) is completed, this Item must be completed)  
 Richard Mullen, Project Manager, PSCD

2.(a) Technical contact.  
 Firm name: Matsushita Electric Corporation of America  
 contact person: Richard Mullen, Project Manager / PSCD  
 number, street: One Panasonic Way, Panazip 4B-8  
 City, State/Country: Secaucus, NJ. 07094, USA  
 ZIP/Postal Code:

(b) Telephone No. (Area/Country/City code, No. and Ext.)

201-348-7758

(c) FAX No. (Area/Country/City code and No.)

201-392-4564

(d) Internet e-mail address: Mullenr@panasonic.com

(f) Telephone No. (Area/Country/City code, No. and Ext.)

201-348-7758

(g) FAX No. (Area/Country/City code and No.)

201-392-4564

(e) Non-Technical contact.  
 Firm name: Matsushita Electric Corporation of America  
 contact person: Richard Mullen, Project Manager / PSCD  
 number, street: One Panasonic Way, Panazip 4B-8  
 City, State/Country: Secaucus, NJ. 07094, USA  
 ZIP/Postal Code:

(h) Internet e-mail address: Mullenr@panasonic.com

3 Does this application include a request for confidentiality for any portion(s) of the data contained in this application pursuant to 47 CFR §0.459 of the Commission's Rules? If "Yes" see instructions.  Yes  No

4 Does the applicant request that the Commission defer grant of this application pursuant to 47 CFR §0.457(d)(1)(ii)? (See instructions)  Yes  No

5 Type of equipment authorization requested: (check one box only)  Certification  Type Acceptance  Notification

6 (a) Equipment Code and description: (See instructions, page 4)  J  B  P CLASS B COMPUTING DEVICE COLOR LASER PRINTER  
 (b) Equipment will be operated under FCC Rule Part(s): New Part 15, Subpart B

7 Application is for: (Check one box only)  
 1. Original equipment (See instructions)  
 2. Change in identification of presently authorized equipment  
 3. Class II permissive change or modification of presently authorized equipment (See instructions)

ORIGINAL FCC ID \_\_\_\_\_ Grant date \_\_\_\_\_

8. EQUIPMENT SPECIFICATIONS: (See instructions)				
(a) Frequency range in MHz	(b) Rated RF power output in watts	(c) Frequency tolerance % Hz. ppm	(d) Emission designator (See 47 CFR §2.201 and §2.202)	(e) Microprocessor model number
Power Supply: 0.100-0.166 Main Control Board: 40.000, 66.666 Engine Control Board: 25.000, 65.0717 2nd Cassette Feeder Board (Option): 0.547 HDD Board (Option): 40.000, 33.3	N/A	N/A	N/A	N/A

9. Is the equipment in this application:  
 (a) a composite device subject to more than one type of equipment authorization?  Yes  No

(b) part of a system that operates with, or is marketed with, another device that requires an equipment authorization?  Yes  No

If either of the above questions is answered "Yes" complete items 10.(a) and (b). (See instructions)

# Matsushita Electric Corporation of America

Product Safety & Compliance Division

Panasonic      Quasar      Technics

1 Panasonic Way, 4B-8  
Secaucus, NJ 07094  
Fax: (201) 392-4564  
e-mail: MullenR@panasonic.com

Richard Mullen  
Manager  
Tel: (201) 348-7758

October 29, 1998  
KM6-98-F004

Federal Communications Commission  
Equipment Approval Services  
P.O. Box 358315  
Pittsburgh, PA 15251-5315

Subject:      Original Application for Certification for Class B Computing Device Peripheral  
FCC ID: ACJ5Z6KX-PS8101 / Color Laser Printer, Model KX-PS8101

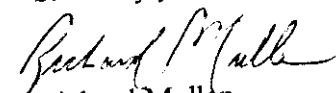
Gentlemen:

Enclosed, please find Matsushita Electric Industrial Co., Ltd.'s application for equipment authorization, dated October 16, 1998. This device is in compliance with Part 15, Subpart B of the FCC Rules.

The subject device is a color laser printer with parallel interface port for connection to host PC and SCSI interface port for connection to its associated color scanner that is being separately submitted for Certification under FCC ID: ACJ5Z6KX-PS8102. This printer uses various operating frequencies such as: (1) switching power supply at 100-166 kHz, (2) main control board at 40 and 66.666 MHz; (3) engine control board at 25 and 65.0717 MHz; (4) optional cassette feeder at 547 kHz; and (5) optional hard disk drive at 40 and 33.3 MHz. This printer will be marketed with 1.2m shielded SCSI interface cable with two bonded ferrite cores for use with its associated scanner. The attached system test data was generated in accordance with ANSI C63.4-1992 to show compliance with FCC Part 15 limits.

Should you have any questions or comments, please contact the undersigned. Thank you for your attention and cooperation in this matter.

Sincerely yours,

  
Richard Mullen  
Project Manager

cc:      T. Itooka / KME-KM6

Fty Control No.: KM6-98-F004  
FCC ID : ACJ5Z6KX-PS8101

# APPLICATION OF COLOR LASER PRINTER FOR FCC CERTIFICATION

MODEL : KX-PS8101  
FCC ID : ACJ5Z6KX-PS8101

## LIST OF ATTACHMENT

1. APPLICATION FORM 731
2. LIST OF EXHIBIT
  - #1: PHOTOGRAPHS (Photo. 1-21)
  - #2: FCC CONCERNED EXPRESSIONS OF PRODUCT
  - #3: TECHNICAL REPORT PURSUANT FCC RULES  
SECTION 15.44, 15.45, 15.46
  - #4: REPORT OF MEASUREMENT ON DIGITAL  
DEVICE ISSUED BY  
KYUSHU MATSUSHITA ELECTRIC CO., LTD.  
CORPORATE QUALITY ASSURANCE DIVISION  
EMC TESTING LABORATORY
  - #5: BLOCK DIAGRAM
  - #6: FCC CONCERNED SENTENCES IN OPERATING  
INSTRUCTIONS
    - Warning Sentences
    - Interface Specifications

## PHOTOGRAPHS

- Photo. 1. Overall front view of Color Laser Printer.
- Photo. 2. Overall rear view of Color Laser Printer
- Photo. 3. Rear Inside view of Color Laser Printer with Rear Cabinet and Engine Board Cover removed.
- Photo. 4. Left Side Inside view of Color Laser Printer with Left Cover and Main Control Cover removed.
- Photo. 5. Top view of Printer Main Control Board, with Option Hard Disk, Frame and Expansion DIMM option added.
- Photo. 6. Top view of Printer Main Control Board with Frame.
- Photo. 7. Bottom view of Printer Main Control Board with Frame.
- Photo. 8. Top view of Option DIMM Board.
- Photo. 9. Bottom view of Option DIMM Board.
- Photo.10. Top view of Option HDD.
- Photo.11. Bottom view of Option HDD.
- Photo.12. Top view of Option HDD Board.
- Photo.13. Top view of Printer Engine Control Board.
- Photo.14. Bottom view of Printer Engine Control Board.
- Photo.15. Top view of Printer Power Supply Unit and High Voltage Power Supply Unit.
- Photo.16 Bottom view of Printer Power Supply Unit and High Voltage Power Supply Unit.
- Photo.17 Top and bottom view of Printer Front Panel Board.
- Photo.18 Top Inside view of LSU and Circuit Board on LSU.
- Photo.19 Bottom Inside view of LSU and Circuit Board on LSU.
- Photo.20 Top view of 2nd Cassette Feeder Board.
- Photo.21 Bottom view of 2nd Cassete Feeder Board.

EXHIBIT #3  
Fty Control No.: KM6-98-F004  
FCC ID : ACJ5Z6KX-PS8101

TECHNICAL REPORT PURSUANT  
TO  
FCC RULES SECTION 15.44,15.45,15.46

Manufacturer's Name and Address :  
Kyushu Matsushita Electric Co., Ltd.  
1471Murata-cho, Tosu-shi, Saga, Japan

Trade Name :  
Panasonic

Model Number :  
KX-PS8101

List of Additional Model Number / Trade Name :  
Not Applicable

Operating Instructions :  
See EXHIBIT #6

Block Diagram :  
See EXHIBIT #5

Photographs :  
See EXHIBIT #1 (Photo.1-21)

10 (a) Additional type of equipment authorization required:  Certification  Type Acceptance  Notification

(b) The related application checked in item 10 (a) (Check one box only)

has been filed at the same time as this application under the FCC ID listed below

has been granted under the FCC ID listed below

is in the process of being filed under the FCC ID listed below

is pending with the FCC under the FCC ID listed below

FCC ID

11 (a) Name of test firm on file with the FCC, if different from applicant or contact person: **Kyushu Matsushita Electric Co., Ltd. KME EMC Testing Laboratory (31040 / SIT / 1300E2)**

(b) Mailing address: **441-13 Nagahatu Tateishi-cho, Tosu-shi, Saga-ken, 841-8585, Japan**

(c) Telephone No. (Area/Country/City code, No. and Ext): **+81-942-84-8472**

(d) FAX No. (Area/Country/City code and No.): **+81-942-84-8470**

(e) Internet e-mail address:

12. Number of exhibits submitted with this application: **6**

**SECTION V - Read each certification carefully before answering and signing this application.**

**WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).**

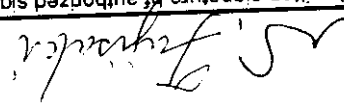
**SECTION 5301 (ANTI-DRUG ABUSE) CERTIFICATION:**

The applicant must certify that neither the applicant nor any party to the application is subject to a denial of Federal benefits, that include FCC benefits, pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862 because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the definition of a "party" for these purposes.

Does the applicant or authorized agent so certify?  Yes  No

**2 (a) APPLICANT/AGENT CERTIFICATION:**

I certify that I am authorized to sign this application. All of the statements herein and the exhibits attached hereto, are true and correct to the best of my knowledge and belief. In accepting a Grant of Equipment Authorization issued by the FCC as a result of the representations made in this application, the applicant is responsible for (1) labeling the equipment with the exact FCC ID specified in this application, (2) compliance statement labeling pursuant to the applicable rules, and (3) compliance of the equipment with the applicable technical rules. If the applicant is not the actual manufacturer of the equipment, appropriate arrangements have been made with the manufacturer to ensure that production units of this equipment will continue to comply with the FCC's technical requirements. Authorizing an agent to sign this application, is done solely at the applicant's discretion; however, the applicant remains responsible for all statements in this application. If an agent has signed this application on behalf of the applicant, a written letter of authorization which includes information to enable the agent to respond to the above Section 5301 (Anti-Drug Abuse) Certification statement has been provided by the applicant. It is understood that the letter of authorization must be submitted to the FCC upon request, and that the FCC reserves the right to contact the applicant directly at any time.

Original written signature of authorized signer: 

Typed/printed name of authorized signer: **S. Fujisaki**

Date (Month, Day, Year): **October 16, 1998**

Title of authorized signer: **Manager**

(b) Agent's business name, number, street, City, State/Country, ZIP/Postal Code: **N/A**

(c) Telephone No. (Area/Country/City code, No. and Ext): **N/A**

(d) FAX No. (Area/Country/City code and No.): **N/A**

(e) Internet e-mail address:

FCC Form 731 - Page 3 of 3

March, 1997