

# **SAP Printing**

## **Customer documentation**

### **Volume 1**

# **ReadMe: Support by Gestetner**

Version: 1.60

**Abstract:**

This document contains first-step information about support by Gestetner for printing from SAP systems (R/3, mySAP ERP). It explains the supported device models, the available SAP device types, and the available documentation.

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### **Important notice**

Parts of this manual are subject to change without prior notice.

# 1. The Concept

This chapter introduces our approach to support printing to our **printer devices** from **SAP systems** (R/3, mySAP ERP).

The printer controllers of our devices support the PCL, PJJ and/or PostScript **printer language**.

A priori, the customer can print on our devices with any suitable **SAP standard device type**, such as HPLJ4, as indicated in [SAP note # 8928](#). However, this way it is hard to activate our devices' specific features, like additional input and output trays, and finishing options, like stapling and punching.

Alternatively, some settings could be configured on the device's front panel. This is acceptable to do for permanent changes, but not for a per-job basis. Using the Windows driver based SWIN/SAPWIN device types has also some drawbacks.

For the above reasons, we provide a **family of proprietary device types (DT)**.

The device types differ in the class of device models they support, the printer language they are based on, the device features supported, and some other "DT distinctive features".

For a list of the **supported device models** see below.

For the definition of the **DT distinctive features** see below.

For a list of the **supported features** see the corresponding issue of [Volume 2](#) of the documentation.

For some device models and features the degree of support may be partially limited. Those **limitations** can be found in [Volume 3](#).

Each device type, as shipped, is "**generic**": In particular, it is independent of any specific device model.

For each device setting, the "generic" code contains initially a default command sequence, and/or is commented out.

The customer can and needs to configure the settings by himself, thus adapting the device type to the targeted device model and the intended behavior.

The shipped device type has to be used as a template for creating the actual device types to use.

If the SAP system and the shipped Device type support **POSS** ("Print Options for SAPscript and SmartForms"), then the configuration of most features can be done in each Output device, using the shipped Device type as-is.

The **accompanying documentation** provides the necessary detailed information to the customer, i.e. typically, the SAP administrator. See below for the contents.

For general information about our proprietary device types, their **installation** and **configuration**, see [Volume 2](#).

For information about a particular device type (supported features, limitations), read the corresponding issue of [Volume 2](#).

For information about a particular device model (features, commands, limitations), read the corresponding issue of [Volume 3](#).

For a general printing **troubleshooting** procedure and how to contact **support**, see [Volume 2](#).

## 1.1 The SAP systems supported

The support is essentially platform-independent.

Explicitly supported are these [Enterprise Resource Planning \(ERP\) systems by SAP](#):

- **SAP S/4 HANA**
- **SAP R/3** (release versions 3.0 and higher)
- **SAP R/3 Enterprise**
- **mySAP ERP** (2004 and higher)

In our documentation these are collectively referred to as "**SAP systems**", unless a distinction is necessary.

## 1.2 The Device models supported

For a list of the printer device models for which SAP printing is supported, please refer to [Appendix D](#).

A "**device class**" [DCxx] groups device models which have similar behaviour with respect to SAP printing.

For information about a particular device model (features, commands, limitations):

1. Determine which device class your device model belongs to, say [DCxx].
2. Refer to the corresponding section of [Volume 3 \[DCxx\]](#).

## 1.3 The family of provided Device types

### The naming of the Device types

The name of an individual member of our proprietary family of Device types reflects:

- the model controller type supported (m)
- the DT distinctive features supported (xx)

- the codepage it supports (c)
- the version (vvv)

**Z m xx c vvv**

### The Model controller type (m)

The following model controller types are supported:

- A
- B

They differ by the supported command set and their behaviour.

### The DT distinctive features (xx)

The individual members of our family of proprietary Device types differ by certain features, hereafter referred to as "DT distinctive features".

| <b>Tag</b><br>- value                                   | <b>&lt; DT distinctive feature &gt;</b><br>= meaning   |
|---|--|
|   |  |
| <b>[Fabapd]</b><br>- NONE<br>- HPL2                     | <b>&lt; ABAP list driver default &gt;</b> (default/initial setting)<br>= "Do not use printer driver ..." (standard)<br>= "Printer driver for PCL-5 (...)"          |
| <b>[Fbarcs]</b><br>- B0= none<br>- B2= BOP<br>- B3= IBS | <b>&lt; barcoding solution compatibility/support &gt;</b><br>= none<br>= "Barcode & OCR Package" (BOP)<br>= "Barcode & OCR Package - Intelligent version" (BOCR)   |
| <b>[Ffscal]</b><br>- S0<br>- S1<br>- S2                 | <b>&lt; font scaling mechanism &gt;</b><br>= discrete (like HPLJ4 )<br>= arbitrary (scalable flag) (like HPLJ4000 )<br>= dto. & (proportional flag) (like HPUTF8 ) |
| <b>[Fposs]</b><br>- P0<br>- P1                          | <b>&lt; "Print Options for SAPscript and SmartForms" (POSS) support &gt;</b><br>= not supported<br>= supported   |

### The code pages supported (c)

The individual members of our family of proprietary Device types differ by the set of characters supported.

| <b>c =</b> | <b>Code page</b> | <b>SAP character set</b> | <b>PCL symbol set</b> | <b>Definition</b>        |
|------------|------------------|--------------------------|-----------------------|--------------------------|
| - 1        | Latin-1          | 1116                     | 0N                    | ISO8859-1                |
| - 2        | Latin-2          | 1416                     | 2N                    | ISO8859-2                |
| - U        | Unicode          | 4210                     | 18N                   | Unicode (Andale fonts)   |
| - V        | Unicode          | 4210                     | 18N                   | Unicode (resident fonts) |

### The members of the ZA0x & ZB0x DT families

| <b>xx</b> | <b>c</b> | <b>vvv</b> | <b>[Fbarcs]</b> | <b>[Fabapd]</b> | <b>[Ffscal]</b>                 |  | <b>[Fposs]</b> |
|-----------|----------|------------|-----------------|-----------------|---------------------------------|--|----------------|
| - 00      | 1,2      | 001..013   | none/<br>BOP    | NONE            | S0 discrete<br>(like HPLJ4)     |  | P0             |
|           |          | 014..inf   | none/<br>BOP    | NONE            | S2 scalable<br>(like<br>HPUTF8) |  | P0             |
|           |          | 016..018   | none/<br>BOP    | NONE            | S2 scalable<br>(like<br>HPUTF8) |  | P1             |
|           |          | 020..inf   | none/<br>BOP    | HPL2            | S2 scalable<br>(like<br>HPUTF8) |  | P1             |
| - 00      | U,V      | 011        | none/<br>BOP    | NONE            | S2 scalable<br>(like<br>HPUTF8) |  | P0             |
|           |          | 012..013   | none/<br>BOP    | NONE            | S2 scalable<br>(like            |  | P0             |

|             |     |            |              |                  |  |  |    |
|-------------|-----|------------|--------------|------------------|--|--|----|
|             |     | 014 .. inf | none/<br>BOP | NONE             | HPUTF8)<br>S2 scalable<br>(like<br>HPUTF8) |  | P0 |
|             |     | 016 .. 018 | none/<br>BOP | NONE             | S2 scalable<br>(like<br>HPUTF8)            |  | P1 |
|             |     | 020 .. inf | none/<br>BOP | HPL2             | S2 scalable<br>(like<br>HPUTF8)            |  | P1 |
|             |     |            |              |                  |  |  |    |
| - <u>01</u> | 1,2 | 006..inf   | IBS          | same as<br>xx=00 | same as<br>xx=00                           |  | P0 |
|             |     | 016..inf   | IBS          | same as<br>xx=00 | same as<br>xx=00                           |  | P1 |
|             |     |            |              |                  |  |  |    |
| - 01        | U,V | 011..inf   | IBS          | same as<br>xx=00 | same as<br>xx=00                           |  | P0 |
|             |     | 016..inf   | IBS          | same as<br>xx=00 | same as<br>xx=00                           |  | P1 |
|             |     |            |              |                  |  |  |    |
| - <u>04</u> | 1,2 | 014..inf   | none/<br>BOP | NONE             | S0 discrete<br>(like HPLJ4)                |  | P0 |
|             |     |            |              |                  |  |  |    |
| - <u>05</u> | 1,2 | 014..inf   | IBS          | same as<br>xx=04 | same as<br>xx=04                           |  | P0 |
|             |     |            |              |                  |  |  |    |

## 2. The Device Types

This chapter lists all our proprietary SAP device types available.

There are two ZA DT families: { **ZA00** , **ZA01** }, their legacy version counterparts { **ZA04** , **ZA05** }, and one ZB DT family { **ZB00** }.

**Note:** (ZB00: Difference between ZA and ZB)

The ZB0x DT family has been newly introduced in v025 to support the new model controller type of Device class [DC68].

The ZA0x DT family supports the model controller type of all other Device classes.

**Note:** (Difference between Zm00 and Zm01)

The difference between them lies only in the support for barcoding; please refer to [Volume 2 \[ZA0x\]](#).

For the barcode solution "Barcode & OCR Package" (BOP), the Device type Zm001vvv has to be used.

For the barcode solution "Barcode & OCR Package - Intelligent version" (BOCR), the Device types ZA01cvvv (c=1,2,U,V) have to be used.

For non-barcode printing, the Device types Zm00cvvv (c=1,2,U,V) should be used.

**Note:** (Specification of ZA04 and ZA05)

ZA04 is a legacy version of ZA00.

ZA05 is a legacy version of ZA01.

They only support discrete font sizes. Otherwise they are identical to their counterparts.

This is required for older SAP systems, namely SAP R/3 rel 3.x.

To obtain them, please contact Technical support.

For each device type family the following information is provided here:

- Latest release version
- Base page description language (PDL): PCL
- Name of device type file (ZAxxcvvv.PRI) for each character set supported
- Usage
- List of device models supported

For more information about a particular device type, such as supported features and limitations, please refer to the corresponding issue of documentation [Volume 2](#).

### 2.1 ZA00 (and ZA04)

**Release version:** 024

**Printer language:** PCL5

**Device type file:** **Character set:**

|                       |                                       |  |
|-----------------------|---------------------------------------|--|
| • <b>ZA001024.PRI</b> | 1116 (Latin-1 / 0N)                   |  |
| • <b>ZA002024.PRI</b> | 1416 (Latin-2 / 2N)                   |  |
| • <b>ZA00U024.PRI</b> | 4210 (Unicode / 18N) (Andale fonts)   |  |
| • <b>ZA00V024.PRI</b> | 4210 (Unicode / 18N) (resident fonts) |  |
|                       |                                       |  |
| • <b>ZA041024.PRI</b> | 1116 (Latin-1 / 0N)                   | -- legacy version for SAP R/3 rel 3.x with discrete font sizes |
| • <b>ZA042024.PRI</b> | 1416 (Latin-2 / 2N)                   | -- dto.  |

**Usage:** Prepared for use with the barcode solution "Barcode & OCR Package" (BOP).  
Should also be used for non-barcode printing.

**Device models supported:**

Refer to [Appendix D](#); the models supported by this Device type are tagged "(ZA)".

For which of these printer device models are supported by the barcode solution "Barcode & OCR Package", please refer to its User's Manual.

### 2.2 ZA01 (and ZA05)

**Release version:** 024

**Printer language:** PCL5

**Device type file:** **Character set:**

|                       |                                       |  |
|-----------------------|---------------------------------------|--|
| • <b>ZA011024.PRI</b> | 1116 (Latin-1 / 0N)                   |  |
| • <b>ZA012024.PRI</b> | 1416 (Latin-2 / 2N)                   |  |
| • <b>ZA01U024.PRI</b> | 4210 (Unicode / 18N) (Andale fonts)   |  |
| • <b>ZA01V024.PRI</b> | 4210 (Unicode / 18N) (resident fonts) |  |

|                       |                     |  |
|-----------------------|---------------------|--|
|                       |                     |  |
| • <b>ZA051024.PRI</b> | 1116 (Latin-1 / 0N) | -- legacy version for SAP R/3 rel 3.x with discrete font sizes |
| • <b>ZA052024.PRI</b> | 1416 (Latin-2 / 2N) | -- dto.  |
|                       |                     |  |

**Usage:** Prepared for the sole use with the barcode solution "Barcode & OCR Package - Intelligent version" (BOCR).  
**Note:** This product is not available in all regions.

**Device models supported:**

The same models as for ZA00 are supported. Refer to [Appendix D](#); the models supported by this Device type are tagged "(ZA)".

For which of these printer device models are supported by the barcode solution "Barcode & OCR Package - Intelligent version" (BOCR), please refer to its User's Manual.

## 2.3 ZB00

**Release version:** 025

**Printer language:** PCL5

**Device type file:** Character set:

|                       |                                     |
|-----------------------|-------------------------------------|
| • <b>ZB001025.PRI</b> | 1116 (Latin-1 / 0N)                 |
| • <b>ZB002025.PRI</b> | 1416 (Latin-2 / 2N)                 |
| • <b>ZB00U025.PRI</b> | 4210 (Unicode / 18N) (Andale fonts) |
|                       |                                     |
|                       |                                     |

**Usage:** Prepared for use with the barcode solution "Barcode & OCR Package" (BOP).  
Should also be used for non-barcode printing.

**Device models supported:**

Refer to [Appendix D](#); the models supported by this Device type are tagged "(ZB)".

For which of these printer device models are supported by the barcode solution "Barcode & OCR Package", please refer to its User's Manual.

## 3. The Documentation

The following pieces of documentation are available in Acrobat/PDF format. Please use always the latest available version.

**For more information**, please refer to:

- your SAP documentation
- standard SAP literature
- <http://help.sap.com>
- <http://service.sap.com>

### 3.1 Volume 1 = ReadMe

This ReadMe file. Contains first-step information for the customer.

### 3.2 Volume 2 : *[Device type] = Device type specific information*

Contains general information about device types, such as:

- Installation and Configuration
- Troubleshooting and Support

Contains specification information specific for the indicated proprietary device type (family), such as:

- Features supported
- Formats, Print controls, Fonts, Cover pages
- Limitations

**Note:** (ZB0x specific information)

Please note that the manual "Volume 2 [ZA0x]" is primarily focused on the ZA0x Device types. Deviations and information specific to the ZB0x Device types are currently not documented there. In the case of questions or problems, please contact Technical support.

**Note:** (Print control naming Zxxxx vs Xxxxx)

The naming of non-standard Print controls in our Device types has been changed to "Xxxxx".  
Note that in some of these documents they may still show as "Zxxxx".

### 3.3 Volume 2B = Barcode and OCR text printing

Contains information about Barcode and OCR text printing from SAP systems.

### 3.4 Volume 3 : *[Device class] = Device-specific information*

Contains general information about our devices, such as:

- Printer languages
- Configurable features

Contains information specific for the indicated device, such as:

- Hardware accessories
- Features and Settings
- Commands
- Limitations

**Note:** (Print control naming Zxxxx vs Xxxxx)

The naming of non-standard Print controls in our Device types has been changed to "Xxxxx".  
Note that in some of these documents they may still show as "Zxxxx".



## 4. Appendices

### 4.1 Appendix D: Device models supported

The table below lists the supported device models, sorted by the device class they belong to.

| Device class     |                       | Gestetner Brand Name   | Remarks (*1)              |
|------------------|-----------------------|--|---------------------------|
| • [DC01]<br>(*2) | a<br>b<br>c           | 3235S<br>3235<br>3245  | (C--) (Us) (P--)(Bs) (ZA) |
| • [DC02]<br>(*2) | a<br>b                | 3222<br>3227   | (C--) (Us) (P--)(Bs) (ZA) |
| • [DC03]<br>(*2) | a                     | P7045  | (C--) (Us) (P--)(Bs) (ZA) |
| • [DC04]<br>(*2) | a<br>b<br>c           | 3355<br>3370<br>5502   | (C--) (Us) (P--)(B+) (ZA) |
| • [DC05]<br>(*2) | a<br>b                | P7026<br>P7026n  | (C--) (Us) (P--)(B+) (ZA) |
| • [DC06]<br>(*2) | a<br>b                | 3502<br>4502   | (C--) (Us) (P--)(B+) (ZA) |
| • [DC07]         |                       | P7032  | (C--) (Us) (P--)(B+) (ZA) |
| • [DC08]<br>(*2) | a<br>b<br>c<br>d      | 3285<br>32105<br>8502<br>10502                                       | (C--) (Us) (P--)(B+) (ZA) |
| • [DC09]         |                       | C7010  | (C+) (Us) (P--)(B+) (ZA)  |
| • [DC10]<br>(*2) |                       | DSc38  | (C+) (Us) (P--)(B+) (ZA)  |
| • [DC11]         |                       | P7145  | (C--) (Us) (P--)(B+) (ZA) |
| • [DC12]<br>(*2) | a<br>b<br>c           | 2212<br>2712<br>--   | (C--) (Us) (P--)(B+) (ZA) |
| • [DC13]         | a<br>b                | DSc224 / DSc524<br>DSc232 / DSc532                                   | (C+) (Us) (P--)(B+) (ZA)  |
| • [DC14]<br>(*2) | a<br>b                | P7126<br>P7126n  | (C--) (Us) (P--)(B+) (ZA) |
| • [DC15]         | a<br>b<br>c<br>d<br>e | C7116<br>--<br>C7416<br>C7417<br>--                                  | (C+) (Us) (P--)(B+) (ZA)  |
| • [DC16]         | a<br>b                | 6002<br>7502   | (C--) (Us) (P--)(B+) (ZA) |
| • [DC17]         | a<br>b<br>c<br>d      | 3532 / 4235g<br>4532 / 4245g<br>DSm635 / DSm635G<br>DSm645 / DSm645G | (C--) (Us) (P--)(B+) (ZA) |
| • [DC18]<br>(*2) |                       | DSc38u   | (C+) (Us) (P--)(B+) (ZA)  |
| • [DC19]         | a<br>b                | 9002<br>10512  | (C--) (Us) (P--)(B+) (ZA) |
| • [DC20]         | a<br>b<br>c           | DSm622<br>DSm627<br>--   | (C--) (Us) (P--)(B+) (ZA) |
| • [DC21]         | a                     | P7325  | (C--) (Us) (P--)(B+) (ZA) |

|          |                            |   |                            |
|----------|----------------------------|---|----------------------------|
|          | b<br>c                     | P7325N<br>P7527   |                            |
| • [DC22] |                            | P7132n  | (C--) (U--) (P--)(B+) (ZA) |
| • [DC23] | K<br>y<br>z                | DSc328<br>DSc332<br>DSc338  | (C+) (Us) (P--)(B+) (ZA)   |
| • [DC24] |                            | C7435n  | (C+) (Us) (P--)(B+) (ZA)   |
| • [DC25] | a                          | P7431cn   | (C+) (Us) (P--)(B+) (ZA)   |
| • [DC26] | a<br>b                     | C7425dn<br>--   | (C+) (Us) (P--)(B+) (ZA)   |
| • [DC27] | a<br>b<br>c                | DSm651<br>DSm660<br>DSm675  | (C--) (Us) (P--)(B+) (ZA)  |
| • [DC28] |                            | P7535n  | (C--) (Us) (P--)(B+) (ZA)  |
| • [DC29] |                            | P7527n  | (C--) (Us) (P--)(B+) (ZA)  |
| • [DC30] | b<br>c                     | DSc424<br>DSc432  | (C+) (Us) (P--)(B+) (ZA)   |
| • [DC31] | K<br>a<br>b                | DSc428<br>DSc435<br>DSc445  | (C+) (Us) (P--)(B+) (ZA)   |
| • [DC32] | a<br>b                     | DSc460<br>CS555   | (C+) (Us) (P--)(B+) (ZA)   |
| • [DC33] |                            | P7575   | (C--) (Us) (P--)(B+) (ZA)  |
| • [DC34] | a<br>c                     | C7528n<br>C7535n  | (C+) (Us) (P--)(B+) (ZA)   |
| • [DC35] | b<br>c<br>d<br>e<br>f<br>g | DSm615<br>DSm618<br>DSm618d<br>DSm616<br>DSm620<br>DSm620d            | (C--) (Us) (P+)(B+) (ZA)   |
| • [DC36] | b<br>c                     | DSm735/735G<br>DSm745/745G  | (C--) (Us) (P--)(B+) (ZA)  |
|          | e<br>f                     | DSm735e<br>DSm745e  | (C--) (U+) (P--)(B+) (ZA)  |
| • [DC37] | b<br>c                     | DSm725<br>DSm730  | (C--) (Us) (P--)(B+) (ZA)  |
|          | e<br>f                     | DSm725e<br>DSm730e  | (C--) (U+) (P+)(B+) (ZA)   |
| • [DC38] | a<br>b<br>c<br>d<br>e<br>f | DSm790<br>DSm7110<br>DSm7135<br>Pro 906EX<br>Pro 1106EX<br>Pro 1356EX | (C--) (U+) (P--)(B+) (ZA)  |
| • [DC39] | a<br>b<br>c<br>d<br>e<br>f | DSm755<br>DSm765<br>DSm775<br>DSm760<br>DSm770<br>DSm780              | (C--) (U+) (P+)(B+) (ZA)   |
| • [DC40] | a<br>b<br>L                | C7526dn<br>C7531dn<br>--  | (C+) (U+) (P+)(B+) (ZA)    |
| • [DC41] | a<br>b                     | C7521n<br>--  | (C+) (Us) (P--)(B+) (ZA)   |
| • [DC42] | a                          | DSc525  | (C+) (U+) (P+)(B+) (ZA)    |

|          |                              |  |                                |
|----------|------------------------------|--|--------------------------------|
|          | b<br>k                       | DSc530<br>DSc520   |                                |
| • [DC43] | c<br>d                       | DSc535<br>DSc545   | (C+) (U+) (P+)(B+) (ZA)        |
| • [DC44] |                              | P7675  | (C--) (U+) (P+)(B+) (ZA)       |
| • [DC45] |                              | P7245  | (C--) (U+) (P--)(B+) (ZA)      |
| • [DC46] | b<br>c                       | DSm716<br>DSm721d  | (C--) (U+) (P--)(B+) (ZA)      |
| • [DC47] |                              | C7640nD  | (C+) (U+) (P--)(B+) (ZA)       |
| • [DC50] | b<br>c<br>L                  | P7031n<br>P7035n<br>P7031nL                                      | (C--) (U+) (P+)(B+) (ZA)       |
| • [DC51] |                              | SP C420DN  | (C+) (U+) (P+)(B+) (ZA)        |
| • [DC52] | a<br>b                       | MP C6000<br>MP C7500   | (C+) (U+) (P+)(B+) (ZA)        |
| • [DC53] | b<br>c<br>e<br>f             | MP 4000/4000B<br>MP 5000/5000B<br>MP 4001/4001G<br>MP 5001/5001G | (Cg) (U+) (P+)(B+) (ZA)        |
| • [DC54] | b<br>c<br>e<br>f             | MP 2550/2550B<br>MP 3350/3350B<br>MP 2851<br>MP 3351             | (Cg) (U+) (P+)(B+) (ZA)        |
| • [DC55] |                              | DSm625   | (C--) (U+) (P--)(B+) (ZA)      |
| • [DC56] |                              | DSm416   | (C--) (U+) (P--)(B+) (ZA) (*3) |
| • [DC57] |                              | SP 8200DN  | (Cg) (U+) (P+)(B+) (ZA)        |
| • [DC59] |                              | SP 4210N   | (Cg) (U+) (P+)(B+) (ZA)        |
| • [DC60] | a<br>b<br>c                  | Pro 907EX<br>Pro 1107EX<br>Pro 1357EX                            | (Cg) (U+) (P+)(B+) (ZA)        |
| • [DC61] | a<br>b<br>c<br>d             | MP C2800<br>MP C3300<br>--<br>--                                 | (C+) (U+) (P+)(B+) (ZA)        |
| • [DC62] | c<br>d<br>g<br>h             | MP C4000<br>MP C5000<br>--<br>--                                 | (C+) (U+) (P+)(B+) (ZA)        |
| • [DC63] | a<br>c<br>d<br>f<br>La<br>Lc | MP C2050<br>MP C2550<br>MP C2051<br>MP C2551<br>MP C2030<br>--   | (C+) (U+) (P+)(B+) (ZA)        |
| • [DC64] | c<br>d                       | C8140ND<br>C8150ND   | (C+) (U+) (P+)(B+) (ZA)        |
| • [DC68] | a<br>b<br>c                  | Pro 907<br>Pro 1107<br>Pro 1357                                  | (C--) (U+) (P+)(B+) (ZB)       |
| • [DC69] | a<br>b<br>d<br>e             | DSm761<br>DSm771<br>DSm781<br>DSm791                             | (Cg) (U+) (P+)(B+) (ZA)        |
| • [DC70] | --<br>b                      | MP 171SPF<br>MP 201SPF   | (Cg) (U+) (P+)(B+) (ZA)        |
| • [DC72] |                              | SP 6330N   | (Cg) (U+) (P+)(B+) (ZA)        |

|          |                                 |  |                         |
|----------|---------------------------------|--|-------------------------|
| • [DC73] | a<br>b                          | MP C6501SP<br>MP C7501SP   | (C+) (U+) (P+)(B+) (ZA) |
| • [DC74] |                                 | GX e5550N  | (C+) (Us) (P+)(Bs) (ZA) |
| • [DC75] | b                               | GX e3350N  | (C+) (Us) (P+)(Bs) (ZA) |
| • [DC76] | a<br>b                          | SP C430DN<br>SP C431DN   | (C+) (U+) (P+)(B+) (ZA) |
| • [DC77] | a<br>b                          | MP C300<br>MP C400   | (C+) (U+) (P+)(B+) (ZA) |
| • [DC78] |                                 | --   | (C+) (U+) (P+)(B+) (ZA) |
| • [DC79] | f<br>m                          | --<br>--<br>--   | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC80] | a<br>b                          | --<br>--   | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC81] | a<br>b<br>c                     | --<br>--<br>--   | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC82] |                                 | SP 4310N   | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC83] | b<br>c                          | MP 4002 ~ DSm940<br>MP 5002 ~ DSm950   | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC84] | c<br>d                          | MP C4502<br>MP C5502   | (C+) (U+) (P+)(B+) (ZA) |
| • [DC85] | a<br>b                          | MP C3002 ~ DSc930<br>MP C3502 ~ DSc935   | (C+) (U+) (P+)(B+) (ZA) |
| • [DC86] | b<br>c                          | --<br>--   | (C+) (Us) (P+)(Bs) (ZA) |
| • [DC87] |                                 | MP C305SP ~ DSc530SP   | (C+) (U+) (P+)(B+) (ZA) |
| • [DC88] | a<br>c<br>e                     | MP 6002<br>MP 7502<br>MP 9002  | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC89] |                                 | MP 301   | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC90] |                                 | --   | (C+) (Us) (P+)(Bs) (ZA) |
| • [DC91] |                                 | --   | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC92] | c<br>d                          | --<br>--   | (C+) (U+) (P+)(B+) (ZA) |
| • [DC93] |                                 | --   | (C+) (U+) (P+)(B+) (ZA) |
| • [DC94] | b<br>c                          | MP 2001 ~ DSm1020<br>MP 2501 ~ DSm1025   | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC95] | a<br>b                          | MP C6502SP<br>MP C8002SP   | (C+) (U+) (P+)(B+) (ZA) |
| • [DC96] | a<br>b                          | --<br>--   | (C+) (U+) (P+)(B+) (ZA) |
| • [DC97] |                                 | --   | (Cg) (Us) (P+)(Bs) (ZA) |
| • [DC98] | a<br>b<br>c<br>d<br>e<br>y<br>z | MP C3003 ~ DSc1030<br>MP C3503<br>MP C4503 ~ DSc1045<br>MP C5503<br>MP C6003 ~ DSc1060<br>MP C2003 ~ DSc1020<br>MP C2503 ~ DSc1025 | (C+) (U+) (P+)(B+) (ZA) |
| • [DC99] | a<br>b<br>c                     | --<br>--<br>--   | (Cg) (U+) (P+)(B+) (ZA) |

|           |                                 |   |                         |
|-----------|---------------------------------|---|-------------------------|
| • [DC100] | a<br>b<br>c                     | MP 2553 ~ DSm1525<br>MP 3053 ~ DSm1530<br>MP 3353 ~ DSm1533   | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC101] | d<br>dM                         | --<br>MP 401SPF   | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC102] | c<br>dM<br>cRS                  | --<br>--<br>--  | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC103] | b<br>bF                         | MP C401<br>MP C401SR  | (C+) (U+) (P+)(B+) (ZA) |
| • [DC105] | a<br>b                          | --<br>--  | (Cg) (Us) (P+)(Bs) (ZA) |
| • [DC106] | aRS                             | --<br>--  | (Cg) (Us) (P+)(Bs) (ZA) |
| • [DC107] |                                 | --  | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC108] | c<br>d<br>e<br>f<br>g<br>h      | MP 2554 ~ DSm2525<br>MP 3054 ~ DSm2530<br>MP 3554 ~ DSm2535<br>MP 4054 ~ DSm2540<br>MP 5054 ~ DSm2550<br>MP 6054 ~ DSm2560                                    | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC109] |                                 | MP C2011 ~ DSc1120  | (C+) (U+) (P+)(B+) (ZA) |
| • [DC110] | d                               | --  | (C+) (U+) (P+)(B+) (ZA) |
| • [DC112] |                                 | --<br>--  | (C+) (U+) (P+)(B+) (ZA) |
| • [DC113] | a<br>b                          | MP C306<br>MP C406  | (C+) (U+) (P+)(B+) (ZA) |
| • [DC114] | a<br>b<br>c<br>d<br>e<br>y<br>z | MP C3004/ex ~ DSc1230/ex<br>MP C3504/ex<br>MP C4504/ex ~ DSc1245/ex<br>--<br>MP C6004/ex ~ DSc1260/ex<br>MP C2004/ex ~ DSc1220/ex<br>MP C2504/ex ~ DSc1225/ex | (C+) (U+) (P+)(B+) (ZA) |
| • [DC115] | b<br>c                          | --<br>--  | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC116] |                                 | MP 305+   | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC117] | a<br>c<br>e                     | MP 6503<br>MP 7503<br>MP 9003   | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC118] | a<br>b                          | MP C6503<br>MP C8003  | (C+) (U+) (P+)(B+) (ZA) |
| • [DC119] | a<br>b                          | Pro C5200S<br>Pro C5210S  | (C+) (U+) (P+)(B+) (ZA) |
| • [DC120] | a<br>b                          | --<br>--  | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC121] | a<br>b                          | --<br>--  | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC122] | a<br>d                          | --<br>--  | (C+) (U+) (P+)(B+) (ZA) |
| • [DC123] | c<br>e                          | --<br>--  | (C+) (U+) (P+)(B+) (ZA) |
| • [DC124] | dM                              | MP 402  | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC125] | a<br>b                          | MP C307<br>MP C407  | (C+) (U+) (P+)(B+) (ZA) |
| • [DC126] | c<br>d<br>e<br>f<br>g<br>h      | MP 2555 ~ DSm 2625<br>MP 3055 ~ DSm 2630<br>MP 3555 ~ DSm 2635<br>MP 4055 ~ DSm 2640<br>MP 5055 ~ DSm 2650<br>MP 6055 ~ DSm 2660                              | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC127] | a<br>b<br>c                     | --<br>--<br>--  | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC128] | b<br>c                          | --<br>--  | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC129] |                                 | --  | (C+) (U+) (P+)(B+) (ZA) |
| • [DC130] |                                 | --  | (Cg) (U+) (P+)(B+) (ZA) |
| • [DC131] | a                               | --  | (C+) (Us) (P+)(Bs) (ZA) |
| • [DC132] | a4<br>a3                        | --<br>--  | (C+) (Us) (P+)(Bs) (ZA) |

|           |  |  |                          |
|-----------|--|--|--------------------------|
|           | <b>b</b>   | --   |                          |
| • [DC133] | <b>cM</b><br><b>d/dM</b>   | IM 350<br>IM 430   | (Cg) (U+) (P+)(B+) (ZA)  |
| • [DC134] | <b>d</b><br><b>dM</b>  | --<br>--   | (Cg) (U+) (P+)(B+) (ZA)  |
| • [DC135] | <b>a</b><br><b>b</b><br><b>c</b><br><b>d</b><br><b>e</b><br><b>y</b><br><b>z</b> | IM C3000 ~ GS3030<br>IM C3500<br>IM C4500 ~ GS3045<br>--<br>IM C6000 ~ GS3160<br>IM C2000 ~ GS3020<br>IM C2500 ~ GS3025            | (C+) (U+) (P+)(B+) (ZA)  |
| • [DC136] |  | Gestetner  | (C+) (U+) (P+)(B+) (ZA)  |
| • [DC137] |  | IM 2702 ~ GS1227   | (Cg) (Us) (P+)(Bs) (ZA)  |
| • [DC138] | <b>a</b><br><b>b</b><br><b>c</b>   | --<br>--<br>--   | (Cg) (U+) (P+)(B+) (ZA)  |
| • [DC139] | <b>a</b><br><b>b</b>   | --<br>--   | (Cg) (U+) (P+)(B+) (ZA)  |
| • [DC140] | <b>a</b><br><b>b</b><br><b>c</b>   | --<br>--<br>--   | (Cg) (U+) (P+)(B+) (ZA)  |
| • [DC141] | <b>b</b><br><b>c</b>   | --<br>--   | (Cg) (U+) (P+)(B+) (ZA)  |
| • [DC142] | <b>a</b><br><b>b</b><br><b>bF</b>  | IM C300<br>IM C400<br>--   | (C+) (U+) (P+)(B+) (ZA)  |
| • [DC143] | <b>k</b>   | GS3021   | (C+) (U+) (P+)(B+) (ZA)  |
| • [DC144] | <b>a</b><br><b>b</b>   | --<br>--   | (C+) (U+) (P+)(B+) (ZA)  |
| • [DC145] | <b>a</b><br><b>b</b><br><b>aL</b>  | --<br>--<br>--   | (C+) (U+) (P+)(B+) (ZA)  |
| • [DC146] | <b>a</b><br><b>b</b>   | --<br>--   | (C+) (U+) (P+)(B+) (ZA)  |
| • [DC147] | <b>a</b><br><b>c</b><br><b>e</b>   | --<br>--<br>--   | (Cg) (U+) (P+)(B+) (ZA)  |
| • [DC149] | <b>a</b><br><b>b</b><br><b>c</b><br><b>d</b><br><b>e</b><br><b>y</b><br><b>z</b> | IM C3010 ~ GS4030c<br>IM C3510<br>IM C4510 ~ GS4045c<br>IM C5510<br>IM C6010 ~ GS4160c<br>IM C2010 ~ GS4020c<br>IM C2510 ~ GS4025c | (C+) (U+) (P+) (B+) (ZA) |
| • [DC151] | <b>c</b><br><b>d</b><br><b>e</b><br><b>f</b><br><b>g</b><br><b>h</b>             | IM 2500 ~ GS3025m<br>IM 3000 ~ GS3030m<br>IM 3500 ~ GS3035m<br>IM 4000 ~ GS3040m<br>IM 5000 ~ GS3050m<br>IM 6000 ~ GS3060m         | (Cg) (U+) (P+)(B+) (ZA)  |

**Note: (\*1)**

The following tags are used to describe particular features of the model ((...+) = supported/present, (...-) = not supported/present).

- (Cx) = Color support: ( C-- = b&w (cannot handle color data); Cg = b&w (converts color data to grayscale); C+ = color )

- (Ux) = Unicode support

(Us = supported by SAP Unicode Printing Enhancement (UPE) function, details in SAP Note 1812076;

U+ = supported by RICOH Andale font)

- (Px) = POSS support confirmed and documented in Volume 3 (Print Options for SAPscript and Smartforms)

- (Bx) = Barcode and OCR support

(Bs = supported by SAP New barcode technology, details in SAP Note 645158, without OCR support;

B+ = supported by IBS/BOP products, offered by RICOH, with OCR support)

- (Zm) = model controller type {m=A,B}

**Note: (\*2)**

The Volume 3 for these device classes will no longer be updated.

**Note: (\*3)**

This model is only supported via customization; no customer documentation Volume 3 exists.

**Note:**

A model name suffix "SP" or "SPF" may be omitted.