

**Product**  
**Specifications for**  
**Compact module**  
**Kiosk Printer**  
**NP-211/311**

Revision 1.00 2005.01.28 1<sup>st</sup> Edition  
Revision 1.30 2007.04.12 4<sup>th</sup> Edition

***Nippon Primex Inc.***

NP-311: Provisional

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《Notice》 ·All features and specifications described are subject to change without notice.  
·Please contact us in case there is any wrong description or omission in this spec.

Record of revision-1

Rev.	No.	Description			Approval	PIC
		Page	Item	Change		
0.01	-		New release (Provisional)			Abe 2004.07.30
1.00	1	4	Near Empty	Add	Kobayashi 2005.02.04	Abe 2005.01.28
		6	Operating Voltage	8~13V→7~14V		
		6	Current consumption	Add		
		6	Safety regulation	Certified		
		6	USB logo	Delete		
		9	Serial printer side I/F	JEC-9S→JEC-9P		
		9	Serial host side I/F	JEC-9P→JEC-9S		
		10	Memory switch S2-3	Reserve→Not defined		
		10	Memory switch S2-8	Not defined→Reserve		
		10	Memory switch S2	Add ※S2-3~		
		10	Flash ROM rewrite	※by serial~		
		10	Flash ROM	※by command~		
		11	Memory switch setting by manual	Modified		
		11	Memory switch setting by online command	Added		
		14	Partition drive	Deleted		
16,32	Model info sending	Deleted				
16,37	Memory switch setting	Added				
1.10	2	8	Receiving control	DTR→RTS signal	Asahina 2005.04.20	Abe 2005.04.19
		9	Serial data digna I input connector	Pin no.4 DTR→N.C Pin no.7 DTR→RTS		
		10	Memory switch S1-7(Off)	DTR/DSR→RTS/CTS		
		25	Printer status send	DSR→CTS		
		-	Kanji code	Changed		
1.20	3		Front page	Changed NII address	Asahina 2006.10.05	Abe 2006.10.05
			Read Carefully ~	Add 19) ~ 23)		
		-	Table of Contents (4. Functions)	Add 'Paper detection' & Change the orders Add 'Cutter cover open/close detection' Add 'Character code print'		
			Table of Contents (6.4 ~ 6.9)	Add Character codes		
			Table of Contents (Appendix)	Add 'Chinese ...'		
		1	1.2 Features	Add and change orders		
		2	Options	Delete after No.5		
		3	2.1 2 2: Character types	Add after 'Korean'.		
		4	External dimension	Add '(exclude connector and paper)'		
		4	Weight	Add '(printer only)'		
7	Dimensions	Change Printer Bracket				
10	4. Functions	Change orders Add the contents of memory switch S2 functions Term: FEED → LF Modify 'Setting of Memory ...' Add 'Paper detection' Add 'Cutter cover open/close detection' Add 'Character code print'				

Record of revision-2

Rev.	No.	Description			Approval	PIC
		Page	Item	Change		
1.20	3	16.17	5.1 Control command table	Add comments to the ■,▲ parts	Asahina 2006.10.05	Abe 2006.10.05
				Add new commands 55) ~ 56)		
				Add '*1'		
		17	5.2 Printer driver	Change contents of 1) ~ 4)		
		18	2) Carriage return ...	Change contents		
		19	8) ... <<ESC % n>>	Add restriction comments		
		19	9) ... <<ESC & n>>	Add restriction comments		
		25	19) ... <<ESC R n>>	Add restriction comments		
		26	22) ... <<ESC t n>>	Add after Code Page 858		
		27	23) ... <<ESC v>>	Add restriction comments		
		32	43) ... <<FS &>>	Add restriction comments		
		32	45) ... <<FS .>>	Add restriction comments		
		33	46) ... <<FS C n>>	Add restriction comments		
		36	53) ... <<ES 2 a1 a2 Dn>>	Add restriction comments		
		39	56) ... <<ESC T n>>	Add new command spec.		
		39	57) ... <<ESC s n>>	Add new command spec.		
		39	58) ... <<ESC RS c n>>	Add new command spec.		
-	Appendix	Add new codes				
1.30	4		NP-311	Added	Asahina 2007.04.12	Abe 2007.04.12
			Setting switch	Change ENTRY → ENT		
			Read carefully ~	Add 23), 24)		
		1	Overview	Add paper width		
		1	Features 6), 7)	Change to (NP-211 is F/W Ver. 1.30 or later)		
		1	Features 10)	Change to Drivers ~ Delete note 1		
		2	Configuration	Add NP-311 Change to new NIS Modify jack socket spec.		
		3,4	Basic Specifications	Add NP-311		
		3	Print speed condition	Add erecting print		
		3	Character specs.*2	Change to 'In NP-211 ~'		
		4	External dimension	Change to 117.6 (D)		
		4	Near empty*4	Add 'Paper should not ~'		
		5	Printing area and ~	Add the table of NP-311		
		6	Electrical conditions	Add NP-311		
		6	Operation environment	Add NP-311		
		6	Storage environment	Add NP-311		
		6	Current consumption	Delete duty 25%		
		6	Safety regulation, EMC	Add * NP-311 under review ~		
		9	VH	Add NP-311		
		9	Power input connector	Delete 2.3 and notes		
		10	Operation panel	Add 5) [Reset switch]		
		11	Memory switch S2 *3	Change to 'In NP-211 ~'		
		11	Memory switch S3	Added		
		12	Setting of memory switch by manual	Add S3-1 Change 16 times → 17 times		
		12	Setting of Memory switch by online ~	Changed to GS M n d1 d2 d3 NUL Add S3		

Record of revision-3

Rev.	No.	Description			Approval	PIC
		Page	Item	Change		
1.30	4	14	2) Paper near empty	Add *Place the printer ~	Asahina 2007.04.12	Abe 2007.04.12
		14	Cutter cover open ~	Add *Place the printer ~		
		15	Error detection details	Change to status information		
				Change to bit* 1		
		15	ALM pattern	Change to head temp ~		
				Add ALM priority		
		16	■ is ~	Change to in NP-211 ~		
		16	▲ is ~	Change to in NP-211 ~		
		17	*1	Change to in NP-211 ~		
		17	55) Memory switch ~	Add d3 and NUL		
		17	Printer driver	Delete 1) Win2000/XP: NII ~		
				Delete 2) Win2000/XP: NII ~		
		18	Horizontal tab	Add (NP-311 is until ~)		
		19	Overall print mode ~	Change to default value ~		
		19	Definition of download ~	Change to set the reset switch ~		
		22	Bit image mode set	Change to 02 in n2 domein		
				Add NP-311		
		24	Horizontal tab position	Add (NP-311 is until ~)		
		28	Absolute position set	Change to 02 in n2 domein		
		29	Download bit image ~	Add NP-311		
				Change NP-211 51F → 900		
				Change to set the reset switch ~		
		31	Register NV bit image	Add NP-311		
Change to set the reset switch ~						
34	Black and white ~	Change to raster bit image ~				
35	Raster bit image	Add NP-311				
36	Definition of additional ~	Change to set the reset switch ~				
38	Memory switch ~	Add d3 & NUL				
		Change setting of memory ~				
-	NP-311 External dimention	Added				

## Read Carefully Before Using the Printer

Wrong handling of the printer may cause its performance declined and the product damaged. Please read the notes below before handling.

1. Static discharge prevention must be made for installation and removal of the printer to protect IC and other electrical parts. Connect it to the earth ground. It is also requested to remove the static from body of the person before handling, especially, the input terminal.
2. Avoid excessive force to the input terminal for handling.
3. When any type of paper, other than specified in this manual, is used, it may cause deterioration of the print quality and thermal head reliability.

### Examples of troubles

- 1) Print quality deterioration by using low sensitivity paper.
  - 2) Thermal head wears due to roughness of paper surface.
  - 3) Sticking between heat receipt layer and thermal head, and vibration noise during printing.
  - 4) Print ink disappears on low print durability paper.
  - 5) Electrolyte corrosion on thermal head due to low quality of heat receipt layer.
4. Avoid printing with no paper loaded. It damages platen and thermal head, printer life will be shorten.
  5. Do not scabble thermal head with sharp edge or something hard, or give impact. The heat element may be damaged.
  6. Set the power of printer off before connecting or removing connectors.
  7. When printing in high speed under low temperature of high humidity environment, the paper may be stained by moisture that appears from paper, or the printer may have condensation. Avoid dew from dropping down to the thermal head that may cause electrolyte corrosion. Turn the power off until any dew is removed.
  8. The printer is not protected from water or dew formed. Do not water the printer or handle it with a wet hand, which may cause damage to the printer due to short circuit, or heat or fire.
  9. The printer is not protected from dust or dirt. If it is used at dusty place, the thermal head may be damaged or paper feed is not operated properly.
  10. When cooling the printer with a fan, avoid the printer's paper outlet from locating fan's air inlet. It may cause mal-function of printer.
  11. Reflection type of infrared ray sensors are used at some locations in the printer. Direct sun light may cause mal-function of printer. Avoid from such a location for installation.
  12. This printer does not support any operations caused by the commands or control commands not specified in this manual.
  13. Please use both hand to holding the printer.
  14. In order to prevent excess current, please put elemental device to external 24V power line (Please refer to the power supply specification for the details), and also put fuse.
  15. Please plug off the printer when you do not use the product for a long time. Please also insert paper between the platen.
  16. When paper jam occurred in the print head, please make sure to slowly remove the paper to paper exit direction after head up status.
  17. The product is designed to use with general electronic devices (Computer, PC, OA, others). This is not designed and not guaranteed to use with extremely high quality, high reliability product or product whose failure may danger human life (Atomic power control device, aerospace aircraft devices, Transportation devices, Traffic signal devices, Ignition control devices, Medical devices, other safety equipments: we call "Specific application" thereafter). Users take full responsibility for using with such specific application.
  18. The product uses part that includes GaAS (Gallium arsenide). Please do not break the product, no chemical splitting, otherwise it may harm human with such part broken pieces.
  19. Don't re-create the product.
  20. cut surface of steel plate on principal structural part of the product may rust.
  21. Please follow a local authorities when this product is disposed of.
  22. When you use the thermal paper which is pre-printed in the print side, the thermal head may be stuck on the paper (sticking) at printing, and may cause the defect of print quality. And it might cause the lower print density because of pre-print. Above the all, it should be adviced to avoid using pre-printed thermal paper in the print side as much as possible. When you have no choice but to use such a paper, please have a pre-print based on conditions(ink/print) recommended by paper vendor, after that, please see by user side if there is no problems in terms of print defect, low print density with the paper before actual usage.
  23. The product should not be installed where it is tend to take place static easily, shaking strongly and electromagnetic field, corrosive gas, rain, fog, and direct sunlight.
  24. Don't pull the paper while printing and paper-feeding. When the platen is closed, don't pull the paper except for cutting the paper, you should pull either right or left on the edge of paper to separate.
  25. The coverage of warranty is limited within the product itself, Nippon Primex Inc is not responsible for anything induced by the defect of the product, and don't for any compensation.

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Addendum : NP-311 Dimensions, Kanji Code Table, Chinese (GB18030-2000), KSX1001-1992

## 1. Overview

### 1.1 Overview

The printer is categorized as following.

NP – 211- \*  
①      ②

- ① Paper width
  - 2: 2 inch (58 mm)
  - 3: 3 inch (80 mm)
- ② Interface (Factory setting)
  - R: Serial (RS232C)
  - U: USB (V2.0 FULL SPEED)
  - D: Both Serial (RS232C) and USB (V.2.0 FULL SPEED)

### 1.2 Features

This module printer is designed on the basis of our long experience as a printer manufacturer. Individual unit such as printer mechanism, controller board and auto-cutter is assembled in compact with our reliable design concept.

Simple integration to the system requiring only power and data supplies, that contributes to the short development time and improvement of product reliability.

- 1) Important areas such as paper entrance and auto-cutter guide are designed professionally on the basis of our long experience as a printer manufacturer.
- 2) Small, compact and light weight. Easy to integrate into various kinds of system.
- 3) Short development time.
- 4) High quality of printing
- 5) Either serial or USB interface are available.
- 6) Support the various language fonts (NP-211 : F/W Ver. 1.30 or later).
- 7) Include the transmitting function of various extended information, and easy to communicate with host (NP-211 : F/W Ver. 1.30 or later).
- 8) Various 1-D barcode symbols are available.
- 9) Various kinds of application are available.
- 10) Drivers for various OS are available.
  - Windows 2000/XP
- 11) Easy to write/rewrite F/W by using flash memory. Also, 3 patterns of registration are available with NV bit image.

### 1.3 Configuration

The printer consists of the following components.

No.	Description	Specification	Part No.	Q'ty	NP-211	NP-311
1	NP-211	D or R or U	(70-00012)	1	○	
2	NP-311	D or R or U	(70-00240)	1		○
3	Thermal Paper	TF50KS-E2D W58 x $\phi$ 30(Inner $\phi$ 12)	24-00017	1	○	
4	Thermal Paper	TF50KS-E2D W80 x $\phi$ 30(Inner $\phi$ 12)		1		○
5	Jack socket ※1	17L-003A1 (M2.6 L = 6.1)	06-00012	2	(○)	(○)

※1 It is attached in R type and D type. Jack socket of the serial connector is for an inch screw.

Please use the attached M2.6 socket if milli screws are necessary.

#### Options

No.	Description	Specification	Part No.	Q'ty
1	Near empty sensor	Factory option	-	(1)
2	AC adaptor	100V 91ADJ	18-00013	(1)
3	AC adaptor	120V 91ADU	18-00011	(1)
4	AC adaptor	230V 91ADE	18-00012	(1)



## 2. Specifications

### 2.1 Basic specifications

No.	Items	NP-211	NP-311	
1	Print specs.	1. Print method	Line thermal dot	
		2. Total dots / line	384 dots	576 dots
		3. Dot density	8 dots / mm (203dpi)	
		4. Print width	48 mm	72 mm
		5. Print speed (Max.)	Max. 50 mm / sec	Max. 30 mm / sec
		Condition	Head temp. more than 35 °C/ 64 dots Except for communication time, erecting print	
		6. Print digits		
		Font A (12×24)	32 digits	48 digits
		Font B (9×17)	42 digits	64 digits
		Kanji (24 x 24)	16 digits	24 digits
		7. Space between characters	Adjustable by command setting (Default figures)	
		Font A	0 mm	
		Font B	0 mm	
		Kanji	0 mm	
8. Line feed pitch	0.125 mm			
2	Character specs.	1. Character size		
		Font A (12×24)	1.50×3.00 mm	
		Font B (9×17)	1.13×2.13 mm	
		Kanji(24 x 24)	3.00x3.00mm	
		2. Character types		
		Japanese	JIS C 6226 (Full size) Katakana character set (Half size) Extended Graphic character set (Half size) International character (Half size)	
		Korean <sup>*2</sup>	KS x 1001:1992 (Full size) Katakana character set (Half size) <sup>*1</sup> Extended Graphic character set (Half size) <sup>*1</sup> Code Page 858 (Half size)	
		Chinese <sup>*2</sup>	GB18030-2000 (Half size/Full size)	
		Greek <sup>*2</sup>	Code Page 1253 (Full size)	
		Polish <sup>*2</sup>	Code Page 1250 (Half size)	
		Russian <sup>*2</sup>	Code Page 1251 (Half size)	
		Scandinavian <sup>*2</sup>	Code Page 1252 (Half size)	
		Turkish <sup>*2</sup>	Code Page 1254 (Half size)	
		Download Character definition <sup>*2</sup>	95 characters (12 x 24)	
		External Character definition <sup>*2</sup>	94 characters (24 x 24)	
		3. Character modification		
			Double width	
			Vertical double	
			Quadruple	
			Bold	
	Double print			
	Inverted			
	90°clockwise rotation			
	Underline			
4. Line spacing (Default)	4.25 mm (1/6 inch)			

\*1: KS x 1001:1992 loading fonts

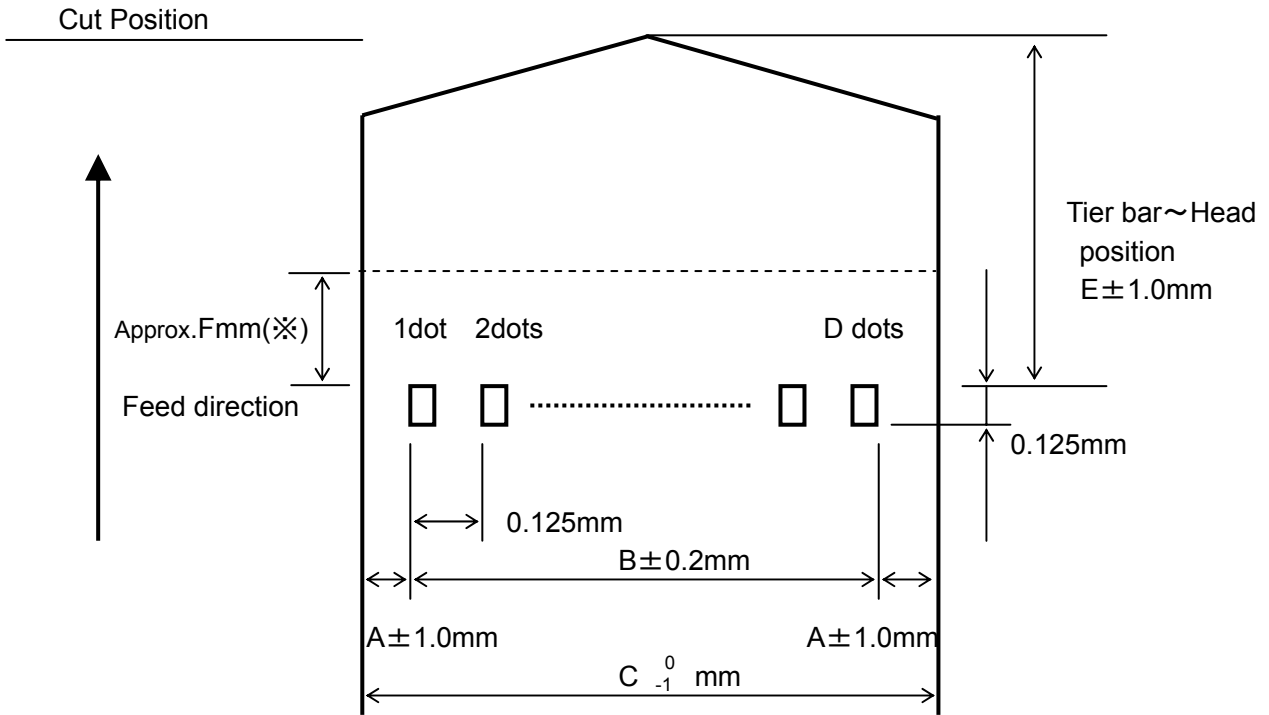
\*2: In NP-211, it is applied only for F/W Ver. 1.30 or later.

No.	Items	NP-211	NP-311	
3	Print mode		ANK mode Bit image mode Barcode mode	
4	Barcode specs	1. 1-D symbology	UPC-A UPC-E EAN-13 (JAN-13) EAN-8 (JAN-8) CODE39 ITF CODABAR CODE128	
5	Interface	1. Serial	RS232C compliant	
		2. USB	V2.0 FULL SPEED compliant (12Mbps)	
6	cutter		Tier bar	
7	Paper specs.	1. Paper width	58 mm	80 mm
		2. Max. diameter	$\phi$ 70 mm	$\phi$ 70 mm
		3. Core diameter	The following core to be used. Inner $\phi$ 12mm / Outer $\phi$ 18mm No glue at the end of the roll	
		4. Papers recommended	TF50KS-E2D (Nihon Seishi)	
			TF77KS-E2 (Nihon Seishi)	F230AA (Mitsubishi Seishi)
8	Receiving buffer		Approx. 5K bytes	
9	Near Empty <sup>*3</sup>	1:Range	Approx. $\phi$ 22~25mm (Stand by) (There are some difference during operation)	
		2:Condition	Inner $\phi$ 12.0, Outer $\phi$ 18.0 mm core	
		3:Sensor	Optical photo sensor <sup>*4</sup>	
10	Environment	1: Operating Temp.	5- 45°C, Humidity 35 – 85%RH, No- condensation.	
		2: Storage Temp.	-10 - 60°C Humidity 35-90%RH excluding paper Discoloration.	
		3: Enviroment in use	General Office Room.	
11	Appearance	1: External dimension (exclude connector and paper)	About 84.0 (W) x 117.6(D) x 77.5(H) mm	About 105.4(W) x 117.6(D) x 77.5 (H) mm
		2: Weight (printer only)	Approx. 400 g	Approx. 560 g

\*3: Option

\*4: Near empty detection is not available when paper core more than the specified range. The paper should not be loosed. If the paper is loosed, the sensor cannot detect correctly. Please place the printer not to shed strong light in the detector.

## 2.2 Printing area and cut position



(※) There is a line at the approx. F mm from print position when cut.

	A	B	C	D	E	F
NP-211	5	48	58	384	20	5
NP-311	4	72	80	576	17	11

### 2.3 Electrical conditions

- 1) Operating voltage: DC 7V - 14V (NP-211)  
DC 7V - 24V (NP-311)

#### 2) Current consumption

	Current consumption	
	NP-211	NP-311
Printing average of 100% (Print density 100%)	Max. Approx. 2.9A	Max. Approx. 3.0A
Stand by	Max. Approx. 0.2A	Max. Approx. 0.2A

\*DC 7V

\* A sufficient volume of power supply is required to maintain print quality due to high peak current that may run according to printing.

\* If power supply cable is excessively long, the operation may become unstable. Cable should be made as short as possible. If not available, connect cables near the printer and place an electrolysis condenser of 2200 $\mu$  between power supply and ground. Voltage resistance should be higher than 35V.

\* For preventing from static electric discharge, make sure to connect FG wire.

### 2.4 Reliability

#### 1) Head life

Pulse : More than 100 million pulses (with 25% rated energy )

Wear distance : More than 50 km  
(with recommended paper, normal temp. humidity)

#### 2) Operation environment

	NP-211	NP-311
Temperature	5~45°C	5~45°C
Humidity	35~85%RH	35~80%RH

\* No condensation

#### 3) Storage environment

	NP-211	NP-311
Temperature	-10~60°C	-10~60°C
Humidity	35~90%RH	35~80%RH

\* Except roll paper.

#### 4) Safety regulation

CE marking (Acqwired)

UL60950-1 (Acqwired)

\* NP-311 is under consideration.

#### 5) EMC

EMI : EN55022 (Acquired)

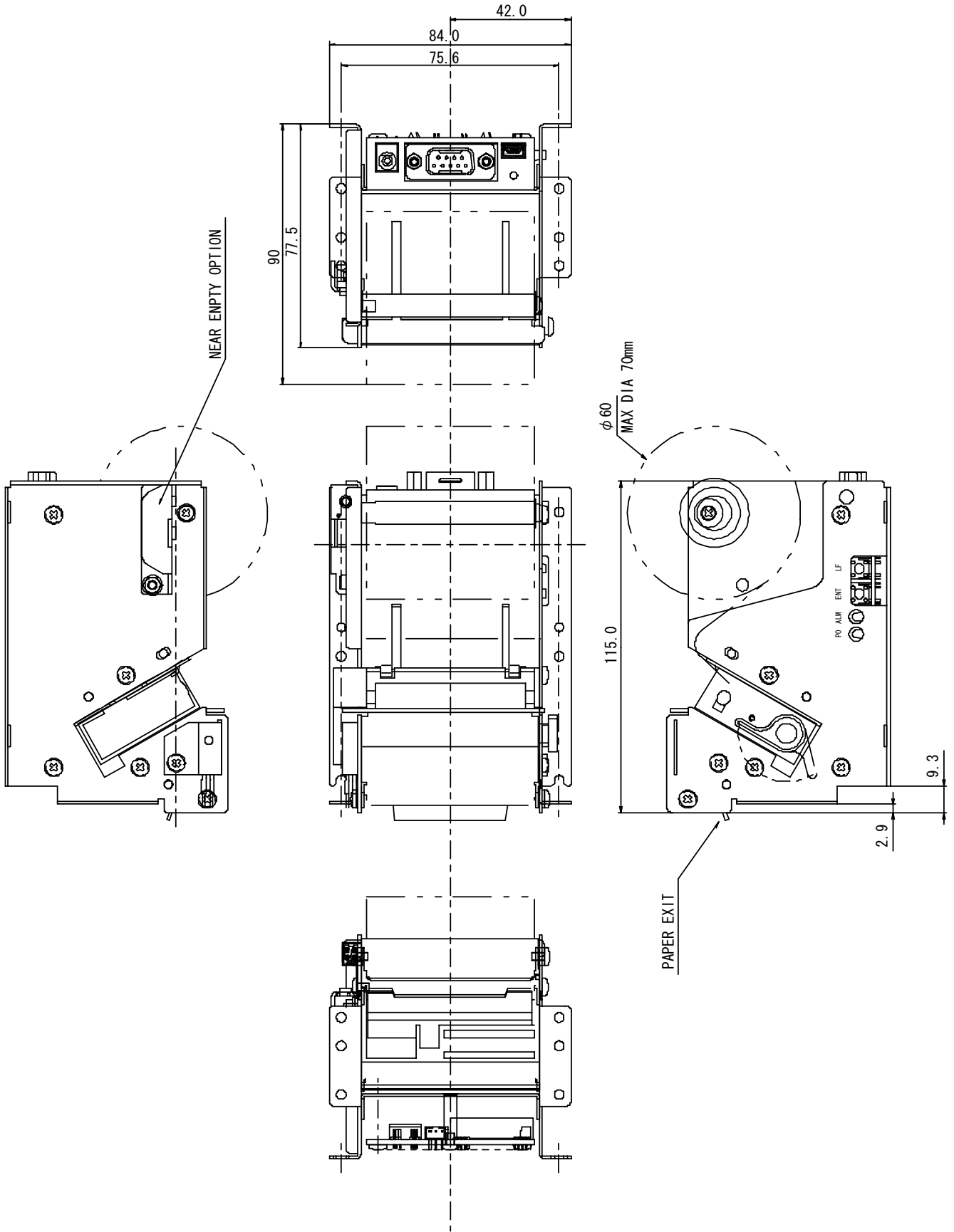
EMS : EN55024 (Acquired)

VCCI : Class A (Acquired)

FCC : Class A (Acquired)

\* NP-311 is under consideration.

## 2.5 NP-211 Dimensions



### 3. Interface specifications

#### 3.1 Serial interface (RS-232C compliance)

- 1) Synchronization : Asynchronous
- 2) Transmission speed: 9600, 19200, 38400, 115200bps (user selectable)
- 3) A word consists of
  - Start bit : 1bit
  - Data bit : 7 or 8 bit (user selectable)
  - Parity bit : odd, even or no parity (user selectable)
  - Stop bit : more than 1 bit
- 4) Signal polarity
  - RS-232C
    - Mark = Logic "1" (-3V ~ -12V)
    - Space = Logic "0" (+3V ~ +12V)
- 5) Receive data (RD signal)
  - Mark = 1
  - Space = 0
- 6) Reception control (RTS signal)
  - Mark = Impossible to receive the data
  - Space = Possible to receive the data
- 7) Transmission control (CTS signal)
  - Mark = Impossible to transmit the data
  - Space = Possible to transmit the data
- 8) Transmission control (TXD signal)
  - << DC1 >> [11] h code, XON : Possible to receive the data
  - << DC3 >> [13] h code, XOFF : Impossible to receive the data

#### 3.2 USB interface (V2.0 FULL SPEED compliance)

- 1) Version : V2.0 FULL SPEED compliance (12Mbps)
- 2) Port : Upstream port (Mini-B 5P)
- 3) Power : Self powered

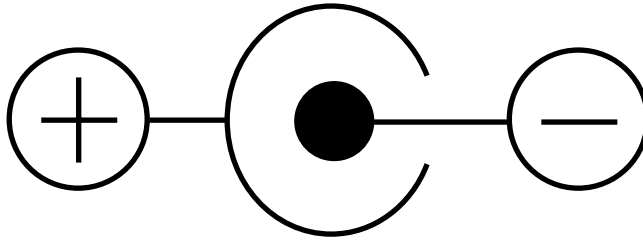
### 3.3 Connector signal details

1) Power Input connector

Printer side adaptor jack : MOJ-D14(lizuka electronic)equivalent

Printer side adaptor plug : PJ-2(Sato Parts)equivalent

Pin No.	Signal	In/Output	Function	Remark
+	VH	Input	PowerDC+7V - 14V	NP-211
			PowerDC+7V - 24V	NP-311
-	GND	-	PowerGND	



2) USB data Signal Input Connector (U type, D type)

Printer side connector : Mini-B 5P TCX0101-110100(Hosiden) or equivalent

Mating connector : Mini-B 5P or equivalent

Pin No.	Signal	In/Output	Function	Remark
1	VBUS	Input	Power line	Non-twist power supply line
2	D-	In/Output	Data line	Twist pair signal line
3	D+	In/Output	Data line	Twist pair signal line
4	N.C	—		
5	GND	—	GND	Non-twist power supply line
Shell	Shield	—	FG Frame GND	

※Use USB cable which conforms to the standard (FULL SPEED)

3) Serial data signal input connector (R type, D type)

Printer side connector: JEC-9P (JST) equivalent

Mating connector: JEC-9S (JST) equivalent

Pin No.	Signal	In/Output	Function	Remark
2	RXD	Input	Serial receive data	
3	TXD	Output	Serial transmit data	
5	GND	-	GND for signal	
7	RTS	Output	Data transmit permit signal	
8	CTS	Input	Transmit permit signal	
1,4,6,9	N.C	-		

## 4. Functions

### 4.1 Operation panel

Operation switch is attached at the side of the printer.

1) PO (green) [Power lamp]

It is on when power is supplied to printer.

2) ALM (red) [Alarm lamp]

It will be on or flash when printer is in an error status.

It will be flash/on/ off when rewriting to the Flash ROM.

3) ENT [Setting switch]

It is the switch for setting mode of memory switch setting.

It is also used for rewriting mode to the Flash ROM.

4) LF [Feed switch]

It is a feed switch for paper feed.

It is used when the memory switch setting mode, memory switch setting, rewriting to the Flash memory mode set, and self print.

5) [Reset switch]

Reset switch is placed in the right side of the LF switch, and it cannot be pressed by fingers to prevent from miss operation. (Please use the tweezers or something sharp, and press gently then release.)

Printer will be reset as the state of turning on the power after pressing Reset switch.

\* Reset switch is equipped only NP-311.

The writing about the Reset switch in this manual is related only for NP-311.

### 4.2 Function setting

#### 4.2.1 Memory switch S1

	Function	O N	OFF	Factory setting		
				R-type	U-type	D-type
S1-1	Interface	Serial	USB	O N	OFF	OFF
S1-2	Baud rate	Refer to the following table 1		OFF	OFF	OFF
S1-3				OFF	OFF	OFF
S1-4	Parity check	Yes	No	OFF	OFF	OFF
S1-5	Parity bit	Odd	Even	OFF	OFF	OFF
S1-6	Data bit	7 bit	8 bit	OFF	OFF	OFF
S1-7	Flow control	XON/XOFF	RTS/CTS	OFF	OFF	OFF
S1-8	Near empty	Enable	Disable	OFF	OFF	OFF

Table 1: Baud rate

	9600bps	19200bps	38400bps	115200bps
S1-2	OFF	OFF	O N	O N
S1-3	OFF	O N	OFF	O N



#### 4.2.2 Memory switch S2

	Function	O N	OFF	Factory setting		
				R-type	U-type	D-type
S2-1	Character set * <sup>1</sup>	Overseas	Domestic	OFF	OFF	OFF
S2-2	Japanese Kanji * <sup>2</sup>	Shift JIS	JIS	OFF	OFF	OFF
S2-3	Not defined	-	-	OFF	OFF	OFF
S2-4	Print density	Thick	Standard	OFF	OFF	OFF
S2-5	HEX DUMP	HEX DUMP	Normal	OFF	OFF	OFF
S2-6	Language font setting* <sup>3</sup>	Refer to the following table 2		OFF	OFF	OFF
S2-7				OFF	OFF	OFF
S2-8	CR command * <sup>3</sup>	Enable	Disable	OFF	OFF	OFF

\*<sup>1</sup>: The setting enable only when the language font setting\*<sup>3</sup> is Japanese or Korean.

\*<sup>2</sup>: The setting enable only when the language font setting\*<sup>3</sup> is Japanese.

\*<sup>3</sup>: In NP-211, it is applied only for F/W Ver. 1.30 or later.

Table 2: Language font setting

	Japanese	Korean	Chinese	Greek
S2-6	OFF	OFF	ON	ON
S2-7	OFF	ON	OFF	ON

\* Printing font of Japanese setting

Full size: JIS C 6226

Half size: Katakana character set + Extended graphics character set  
+ Code page 858 + International characters

\* Printing font of Korean setting

Full size: KS X 1001 : 1992

Half size: Katakana character set + Extended graphics character set  
+ Code page 858  
(KS X 1001 : 1992 font)

\* Printing font of Chinese setting

Full size: GB18030-2000

Half size: GB18030-2000

\* Printing font of Greek setting

Full size: Code page 1253 (character code is 1 byte code)

Half size: Not available (print impossible)

\* Please refer to the character code table for other language font.

#### 4.2.3 Memory Switch S3

	Function	ON	OFF	Factory setting		
				R-type	U-type	D-type
S3-1	Half size character font* <sup>4</sup>	Font B	Font A	OFF	OFF	OFF

\*<sup>4</sup>: In NP-211, it is applied only for F/W Ver. 1.40 or later.

#### 4.2.4 Setting of Memory switch by manual

For setting or changing Memory switch by manual, first load a roll of paper, then follow the below procedure for mode setting (1) and switch setting (2).

After completion of the settings, it automatically prints the new setting and operates software reset to enable the setting.

##### 1) Change to the setting mode

Head up lever: Head down

LF switch: ON (press)

ENT switch: ON (press)

Please turn on the power during pressing these switches, and release these switches, then it prints "\*\*\* MEMORY SW SETTING MODE \*\*\*". After that, the printer will be in the memory switch setting mode (The ALM (red light) starts flashing).

##### 2) Memory switch setting procedure

Setting starts from Memory switch S1-1 to S1-8, and from S2-1 to S2-8, then S3-1.

- Press LF switch when the ALM (red light) is on, memory switch setting is on, and the result will be printed.
- Press LF switch when the ALM (red light) is off, memory switch setting is off, and the result will be printed.

Please repeat such setting 17 times to complete all the settings, then all the setting is printed out, and the reset operation is processed automatically.

\*If you would like to cancel the setting in the middle, please head up and press the LF switch once, then head down.

(If you change the setting when head up state, such change is not effective.)

#### 4.2.5 Setting of Memory switch by online command

For setting or changing memory switch by online command, after loading a roll of paper and online print is possible, then make a setting by following command from host.

When printer receives setting command correctly, after print setting result, software reset is activated and validate the latest setting.

##### 1) Setting Command

Setting of Memory switch and print : << GS M n d1 d2 d3 NUL >>

Description: Setting of Memory switch S1, S2, and S3, then print the setting result.

※Please refer to from 4.2.1 to 4.2.3 for notice and memory switch details.

※Please refer to 5.3.55) for command details.

#### 4.2.6 Rewriting Flash ROM

Please do the following procedure to rewrite a program in a Flash ROM. Send the program from the host, and turn off the power after confirming the ALM LED turns off completely.

※This method is available only by serial communication, but the rewriting by command is available by both serial and USB communication.

※Rewriting by command, please refer to 5.3.39) Firmware download.

##### 1) Switch operation when rewriting the firmware program

Head up lever: Head up

LF switch: ON (press)

ENT switch: OFF

Turn the power on, the ALM LED start flashing slowly, then release the LF switch.

##### 2) Switch operation when rewriting boot program

Head up lever: Head up

LF switch: ON (press)

ENT switch: ON (press)

Turn the power on, the ALM LED start flashing slowly, then release the LF and ENT switch.

### 4.3 Self diagnostic print (Self print)

#### 1) By performing self-diagnostic print following items are checked.

- a) Proper function of control circuitry
- b) Proper function of printer mechanism
- c) Print quality
- d) Control F/W version
- e) Memory switch setting status
- f) Correct function of paper out sensor

#### 2) Start and end of self diagnostic print

Set the power on while pressing the LF switch and release the LF switch after the printer mechanism activates to start self-printing.

The self diagnostic print automatically ends when a preset number of characters are finished printing. While printing, the printer is in Off-line mode.

#### 4.4 Paper detection

##### 1) Paper end (PE) detection [No paper]

- \*There is a sensor for sensing paper out status on the paper feeding path of the printer mechanism. When it detects paper out, the printer become paper out error and stop printing automatically.
- \*When the printer become paper out error, please remove the old paper core and set the new paper roll. Then please insert the paper for auto loading, and the error will be solved.
- \*Do not use the paper which is stucked with paper core because it cannot detect paper out.

##### 2) Paper near empty (NE) detection [the remaining paper alert] \* Option setting

- \*There is a sensor for detecting paper near empty from the side of paper holder. When it detects the specified paper remaining ( ϕ 22 ~ 25 during printer rest), it blinks the ALM LED and output near empty signal.
- \*It enables only when the memory switch 1-8 is ON.
- \* Place the printer not to get the strong light in the detector parts.

#### 4.5 Cutter cover open/close detection

- \*There is the sensor which can detect for cutter cover open. When cutter cover is opened printer become cutter cover error, and immediately stop printing.
- \*In case of cutter cover error during print stop or paper feeding, please close the cutter cover after confirming that the paper come out from the cutter cover without sagged paper. Then, the error will be solved.
- \*In case of cutter cover error due to sag the paper in cutter cover during feeding, please close cutter cover after setting normal paper position. Then printer will recover from the error and printing and feeding correctly.
- \*Place the printer not to get the strong light in the detector parts.

#### 4.6 Character code print (Switching procedure of full/half size print)

Font	Switching Procedure			
Japanese	Command [FS &], [FS.] or Shift JIS code switching			
Korean	Command [FS &], [FS.] switching			
Chinese	Code switching (Refer to the following)			
		1 byte code (half size)	2 bytes code (full size)	4 bytes code (full size)
	The first byte	00 h ~ 80 h	81 h ~ FE h	81 h ~ FE h
	The second byte		40 h ~ 7E h 80 h ~ FE h	30 h ~ 39 h
	The third byte			81 h ~ FE h
	The fourth byte			30 h ~ 39 h
Greece	No switching (full size only, no half size)			
Polish	No switching (half size only, no full size)			
Russian	No switching (half size only, no full size)			
Scandinavian	No switching (half size only, no full size)			
Turkish	No switching (half size only, no full size)			

## 4.7 Processing errors

### 1) Error detection details

Name	Condition	Status information	ALM status	Removal procedure
Communication error	232C Comm. error Parity Overrun Flaming Data “?” print	-	-	Align communication condition
Paper near empty	Paper remain sensor	bit0 1	-	Load paper
Head up	Head up	bit1 1	On	Head up lever down
Paper end	No paper	bit2 1	On	Load paper
Head temp high	Over 80°C (NP-211)	bit3 1	Flash	Return to normal automatically with 60°C
	Over 60 °C(NP-311)	bit3 1	Flash	Return to normal automatically with 40°C
Cutter cover open	Cutter cover open	bit5 1	Flash	Cutter cover close

When the above errors are detected, except communication error and paper near end error, printer stops all operations and outputs error signal.

Error bit in the status information is set to “ON”.

ALM pattern	Printer status	ALM priority (6:High ~ 1:Low)
	Normal Possible to print (reception)	1
	Paper out	3
	Head up	4
	F/W rewrite mode	6
	Head temp. high (over 80 °C) or Head connection error	5
	Cutter cover error	2

### 2) Return to normal status from error statuses

Remove the causes of error and turn the power on again, printer will return to normal condition. When this process is done, the printer will be initialized, so that settings are required again.

If data remains in the buffer, attention should be paid because it is cleared.

## 4.8 Buffer full print

If there remains data in the buffer after one line of data is received, printer automatically prints preceding data. The volume of buffer full data varies depending on ASCII characters or bit images.

## 4.9 Auto feeding when start printing

To avoid from print character crashing in the first line, it will be automatically feed paper when it starts printing after pausing more than about 0.1 sec (NP-211:0.5 sec) in the start or finish printing.

\* In the NP-311, it feeds about 1.8 mm (NP-211: 0 mm).

## 5. Control commands

### 5.1 Control command table

	Control codes	Functions	Pages
1	HT	Horizontal tab	18
2	CR	Carriage return	18
3	LF	Print and line feed	18
4	FF	Page feed	18
5	ESC C n	Page length set for n lines	18
6	ESC SP n	Character right space set	18
7	ESC ! n	Print mode overall set	19
8■	ESC % n	Down load character set/reset	19
9■	ESC & s n m a Dn	Down load character definition	19
10	ESC * m n1 n2 Dn	Bit image mode set	22
11	ESC - n	Underline set/rest	24
12	ESC 2	1/6 inches line feed set	24
13	ESC 3 n	Smallest line feed pitch set	24
14	ESC @	Initialize printer	24
15	ESC D n1 n2 --- NUL	Set horizontal tab position	24
16	ESC E n	Bold print set/reset	25
17	ESC G n	Double strike print set/reset	25
18	ESC J n	Print and smallest pitch line feed	25
19■	ESC R n	Select international character	25
20	ESC c 5 n	LF switch enable/disable	26
21	ESC d n	Print and n line feed	26
22▲	ESC t n	Select character code table	26
23	ESC v	Send printer status	27
24	ESC { n	Inverted character set/reset	27
25	ESC V n	Character 90° clockwise rotation set/reset	27
26	ESC \$ n1 n2	Absolute position set	28
27	ESC ¥ n1 n2	Relative position set	28
28	GS k n Dn NUL	Barcode print	28
29	GS w n	Barcode width select	28
30	GS h n	Barcode height select	28
31	GS H n	HRI character print position select	29
32	GS f n	HRI character style select	29
33	GS * n1 n2 Dn	Download bit image define	29
34	GS / m	Download bit image print	30
35	ESC = n	Data input control	30
36	ESC a n	Position align	30
37	GS T n	Register NV bit image	31
38	GS P n	Print NV bit image	31
39	GS d Dn	FirmwareDownload	31
40	DC1	Software reset	31
41	GS ~ n	Print density set	31

- is enable only when Japanese font is selected.  
(In NP-211, it is applied only for F/W Ver. 1.30 or later.)
- ▲ is enable only when Japanese,Korean is selected.  
(In NP-211, it is applied only for F/W Ver. 1.30 or later.)

	Control codes	Functions	Pages
42	FS ! n	Japanese Kanji overall print mode setting	32
43▲	FS &	Japanese Kanji mode setting	32
44	FS – n	Japanese Kanji underline set / reset	32
45▲	FS .	Japanese Kanji mode reset	32
46▲	FS C n	Japanese Kanji code select	33
47	FS S n1 n2	Japanese Kanji space setting	33
48	FS W n	Japanese Kanji Double height and width set / reset	33
49	GS :	Macro definition, start and end	34
50	GS ^ n1 n2 n3	Macro execution	34
51	GS B n	Black and white reverse print set / reset	34
52	ESC b n1 n2 n3 Dn	Raster bit image	35
53■	FS 2 a1 a2 Dn	Definition additional character	36
54	ESC B n	Back feed	37
55	GS M n d1 d2 d3 NUL	Memory switch setting and printing	38
56	ESC T n <sup>*1</sup>	Built-in language fonts switching	39
57	ESC S n <sup>*1</sup>	Send extended information	39
58	ESC RS c n	Barcode termination code change	39

\*1: In NP-211, it is applied only for F/W Ver. 1.30 or later.

## 5.2 Printer driver

Please apply the driver stated below for using the printer under Windows environment. Refer to the User's Manual of the driver for more detail.

- 1) Windows 2000/XP: NII printer driver Windows 2000/XP Version 1.30
- 2) Windows 2000/XP: NII printer driver Windows 2000/XP for USB, Version 1.40

### 5.3 Control command details

1) Horizontal tab : << HT >>

Code : [09] h

Shift the print position to the next horizontal tab position

\* Horizontal tab position is set by [horizontal tab set] command.

\* The default of horizontal tab position is every 8th character (9th digit, 17th digit, 25th digit) in font A, (NP-311 is until 33rd digit and 41st digit).

\* If the next tab position is not set, this command is ignored.

2) Carriage return : << CR >>

Code : [0D] h

\* When the memory switch (S2-8) is OFF, this command is ignored.

\* When the memory switch (S2-8) is ON, this command is the same action as <<LF>>.

3) Line feed : << LF >>

Code : [0A] h

Prints data stored in the input buffer and executes line feed according to data of feed pitch.

4) Page feed : << FF >>

Code : [0C] h

\* Prints data in the print line buffer and executes page feed to the head of next page according to the page length in the setting.

5) "n" line page length setting : << ESC C n >>

Code : [1B] h + [43] h + n \* [01≤n≤FF] h

Sets a page length for "n" lines with current line feed pitch.

\* Position is set to the head of page

\* Line pitch change after setting will not change page length.

\* Default value for "n" is [42] h for 66 lines.

\* If printer is initialized, the head of page is also initialized.

6) Setting right space of a character : << ESC SP n >>

Code : [1B] h + [20] h + n \* [00≤n≤20] h

Sets the right space of a character by unit of dot (1/203 of an inch). In the case of double width mode, the space will be doubled. The default value of "n" is [00] h.



7) Overall print mode setting : << ESC ! n >>

Code : [1B] h + [21] h + n \* [00≤n≤FF] h

Sets print mode. "n" has following meanings

Bit	Function	Values	
		0	1
0	Character font	Font A	Font B
1	Undefined	-	-
2	Undefined	-	-
3	Bold	Reset	Set
4	Double height	Reset	Set
5	Double width	Reset	Set
6	Undefined	-	-
7	Underline	Reset	Set

- \* If double height and double width are set at the same time quadruple character will be formed.
- \* All of the printed characters will be underlined except for the 90° rotated characters and spaces created by horizontal tab.
- \* Underline width is determined by the value set in [Underline set/reset] section.  
The default value is "1" dot width.
- \* Only Bold is effective in Kanji mode.
- \* Different sizes of character mixed such as double width and normal size can be printed.
- \* The default value of "n" is [00] h, however, the character font is the setting of memory switch (S3-1).

8) Download characters set/reset : << ESC % n >>

Code : [1B] h + [25] h + n \* [00≤n≤FF]h

Setting or resetting the characters to be downloaded.

\* Only LSB (b0) is valid for "n" value. LSB (b0) has the following meanings.

b0	Function
0	Resets download character
1	Sets download character

- \* Default value is "n" = [00] h
- \* It is only enable when the language setting is Japanese.

9) Definition of download character : << ESC & s n m a Dn >>

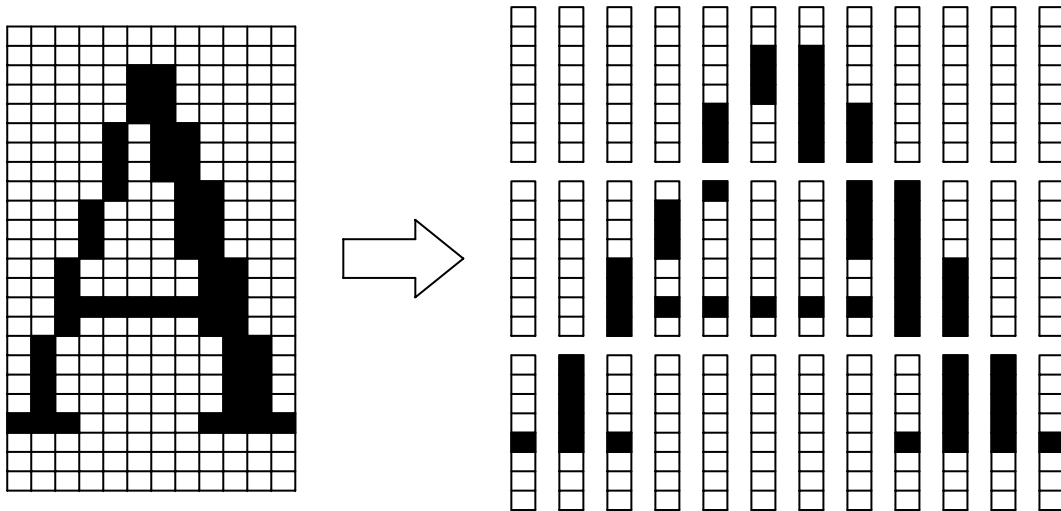
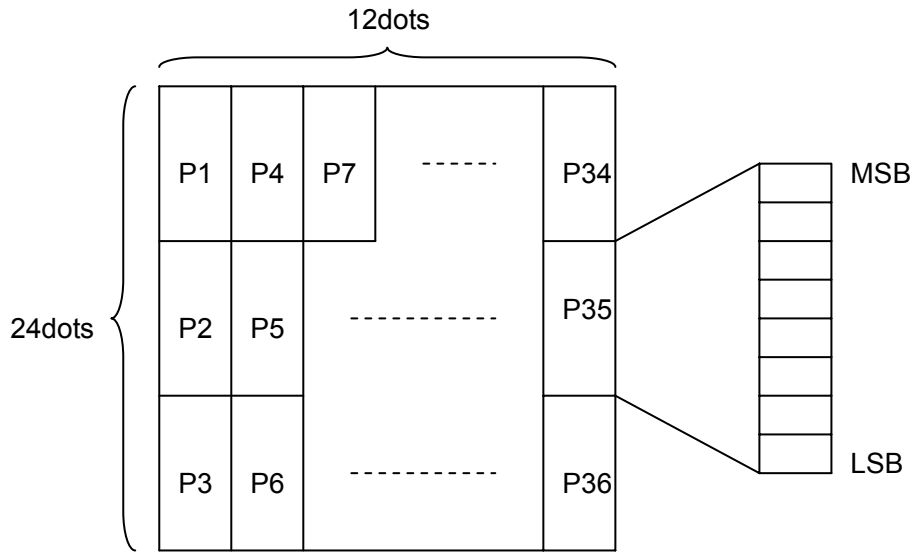
Code : [1B] h + [26] h + s + n + m + a + Dn

- \* [s = 03] h
- \* [20≤n≤7E] h
- \* [20≤m≤7E] h
- \* font A [ 01≤a≤0C ] h
- \* font B [ 01≤a≤09 ] h

Definition of download character (such as alpha numeric).

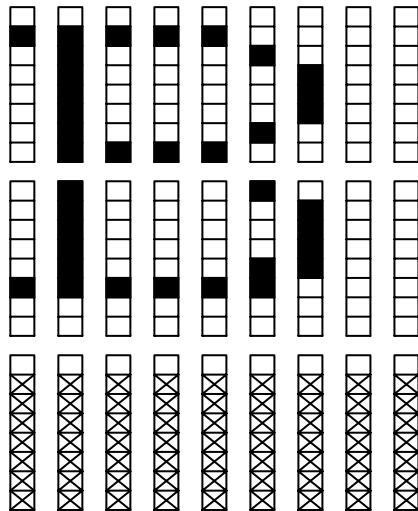
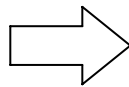
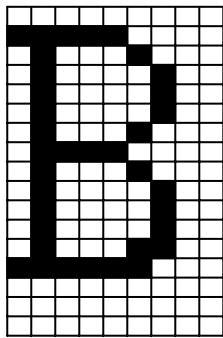
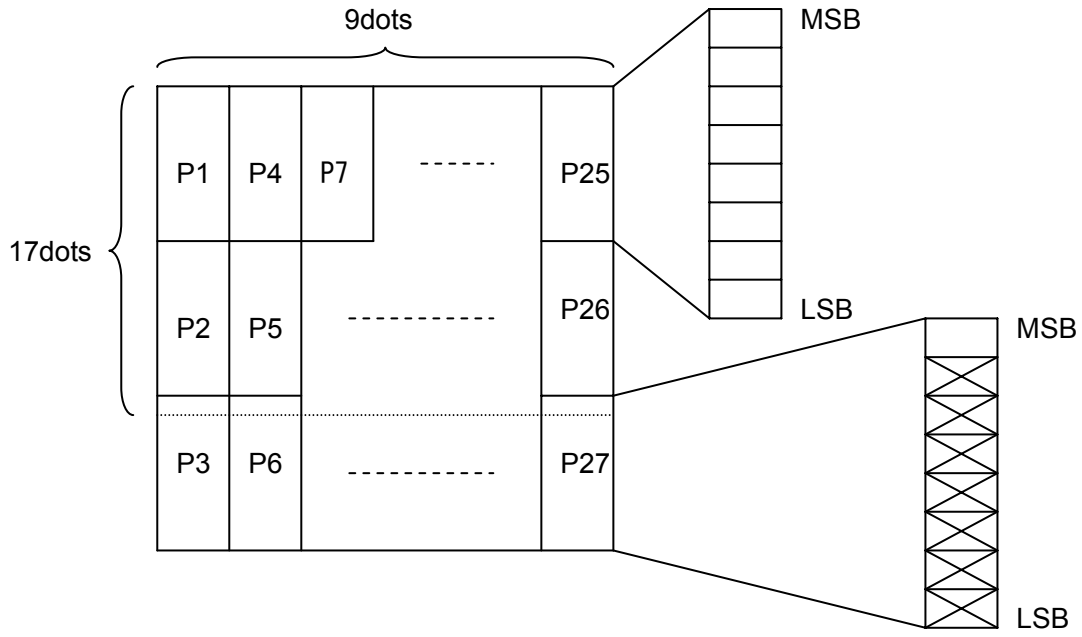
- \* "s" indicates a number of bytes in a vertical direction and "a" is a number of dots in horizontal direction.
- \* "n" indicates the start character code, and "m" means the end character code. If only 1 character should be defined, then n = m.
- \* Definable characters are from <20>h to <7E>h in ASCII code (95 characters).
- \* "Dn" indicates the data to be defined. It indicates the "a" dots pattern from the left. Remaining area on the right of a character is filled with spaces.
- \* Once a download character is defined, it remains valid until the run of [software reset], set the reset switch or the power off printer.
- \* Redefinition is redefining only selected area.
- \* It is only enable when the language setting is Japanese.

< Reference >  
 In the case of Font A



P1= [00] h, P4= [00] h, P7= [00] h, P10= [00] h, ...  
 P2= [00] h, P5= [00] h, P8= [0F] h, P11= [72] h, ...  
 P3= [08] h, P6= [F8] h, P9= [08] h, P12= [00] h, ...

< Reference >  
 In the case of Font B



P1= [40] h, P4= [7F] h, P7= [41] h, P10= [41] h, ...  
 P2= [04] h, P5= [FC] h, P8= [04] h, P11= [04] h, ...  
 P3= [00] h, P6= [00] h, P9= [00] h, P12= [00] h, ...

10) Bit image mode set : << ESC \* m n1 n2 Dn >>

Code: [1B] h + [2A] h + m + n1 + n2 + Dn \* [m = please refer to table below] h

\* [00≤n1≤FF] h

\* [00≤n2≤02] h

Data is printed in bit image by following the bit image mode specified by “m”.

\* Print total dots divided by 256, quotient is n2 and remainder is n1.

\* Total dots in bit image mode are n1 + (256 x n2).

\* If the bit image input data exceeds specified position, the exceeded data will be disregarded.

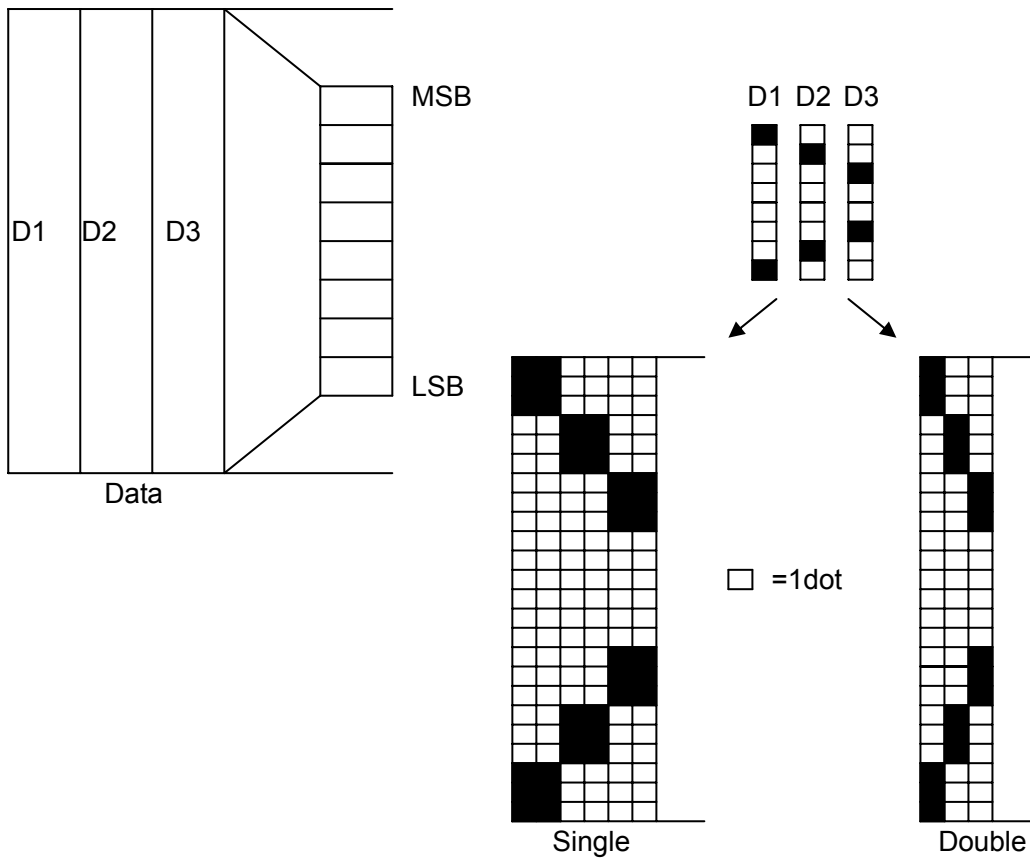
\* Bit image data (Dn) interprets bit 1 as print and bit 0 as not print.

\* Bit image mode is as indicated below.

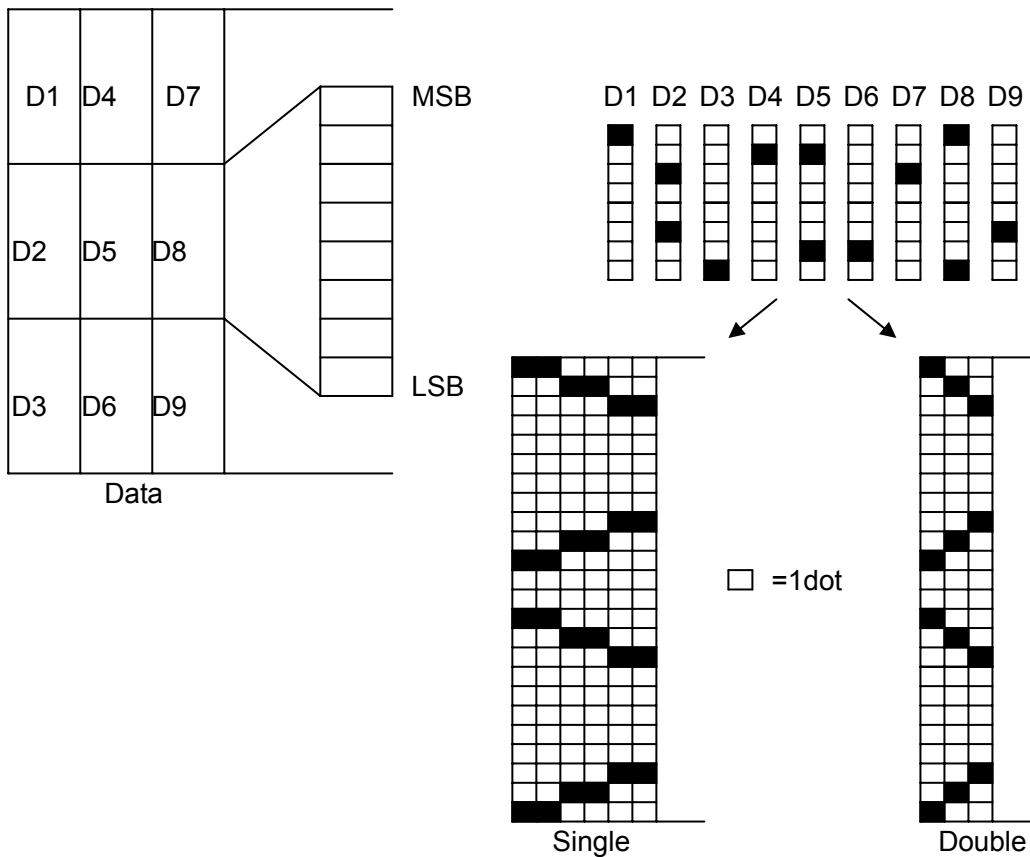
m (hex)	Bit image mode	Vertical direction		Horizontal direction		
		Dot quantity	Dot density	Dot density	Maximum dot number	
					NP-211	NP-311
00	8 dots single density	8	67DPI	101DPI	192	288
01	8 dots double density	8	67DPI	203DPI	384	576
20	24 dots single density	24	203DPI	101DPI	192	288
21,23	24 dots double density	24	203DPI	203DPI	384	576

< Relationship between bit image data and printed dots >

8dots bit image



24 dots bit image



11) Underline set/reset : << ESC - n >>

Code : [1B] h + [2D] h + n \* [00 ≤ n ≤ 02] h

Sets and resets the underline

\* Underline is valid for all characters except for the area skipped by horizontal tab.

\* Also Underline is not valid for 90° rotated character.

\* Underline is verified with n value as shown bellow.

n(hex)	Type of underlines
00	Reset underline
01	Set one dot underline
02	Set two dot underline

\* Default value is "n" = [00] h

12) 1/6th of an inch line feed pitch : << ESC 2 >>

Code : [1B] h + [32] h

Sets one line feed to 1/6th of an inch.

13) Sets smallest pitch line feed : << ESC 3 n >>

Code : [1B] h + [33] h + n \* [00 ≤ n ≤ FF] h

Sets a line feed pitch to n/203rd of an inch.

\* Despite of height set by value, the same space with character height is sent by line feed.

\* The default value of n is [22] h

\* If n = [00] h is set, printer will not feed by pressing LF button.

14) Printer initialization : << ESC @ >>

Code : [1B] h + [40] h

Clears the data stored in the print buffer and resets each setting to default values.

\* It does not clear the data stored in the internal receive buffer.

\* It is stored in the internal receive buffer and activated in sequential.

15) Horizontal tab position set : << ESC D n1 n2 --- NUL >>

Code : [1B] h + [44] h + n1 + n2 + --- + [00] h \* [00 ≤ n ≤ FF] h

Sets the horizontal tab position

\* "n" indicates the digits number from the left. In this case, n = tab position - 1.

\* Tab position is set at the location of character width x n from the beginning of a line. The character width in this case includes character right space. When double width function is set, then the width becomes double of ordinary character.

\* Maximum number of tab positions is 32. If setting exceeds 32, then the exceeded values are neglected.

\* << ESC D NUL >> clears all tab positions being set. After the tab is cleared, horizontal tab will be ignored.

\* Default value is set at every 8 characters of font A (at 9th, 17th, 25th digit). (NP-311 is until 33rd digit or 41st digit).

16) Bold print set/reset :<< ESC E n >>

Code : [1B] h + [45] h + n \* [00≤ n ≤FF] h

Sets and resets the bold print

\* "n" is only valid for LSB(b0)

\* LSB (b0) is defined as following.

b0	Values
0	Resets bold print
1	Sets the bold print

\* Print result may be deformed in case black and white reverse at bold print.

\* Bold print and double strike results in the same on this printer.

\* The default value of "n" is [00]h.

17) Double strike set/reset :<< ESC G n >>

Code : [1B] h + [47] h + n \* [00≤n≤FF] h

Sets and resets the double strike function

\* "n" is only valid for LSB (b0)

\* Control by "n" is explained as following.

b0	Description
0	Resets double strike
1	Sets double strike

\* Double strike and bold print result in the same on this printer.

\* The default value of "n" is [00] h.

18) Print and smallest pitch line feed :<< ESC J n >>

Code : [1B] h + [4A] h + n \* [00≤n≤FF] h

Prints the data in the print line buffer and feeds the paper by n/203rd of an inch.

\* The height of character for a line is always sent by line feed. If the value of height is set by "n" below the height of character, the same space with character height is sent by line feed.

\* Beginning of a line is a print start position.

19) International character select :<< ESC R n >>

Code : [1B] h + [52] h + n \* [00≤n≤0A] h

Select the international characters.

\* The values of "n" have following meanings

n(Hex)	Character sets
00	U.S.A.
01	France
02	Germany
03	England
04	Denmark 1
05	Sweden
06	Italy
07	Spain
08	Japan
09	Norway
0A	Denmark 2

\* It is enable when the language setting is Japanese, and domestic code or overseas code setting in the "Character code table set".

\* Default value of "n" is [08] h.

20) LF switch enable/disable :<< ESC c 5 n >>

Code : [1B] h + [63] h + [35] h + n \* [00≤n≤FF] h

Changes the LF switch valid or invalid.

\* "n" is only valid for LSB (b0)

\* "n" bit has a following meanings

b0	Description
0	enable LF switch
1	disable LF switch

\* Default value of "n" is [00] h.

21) Print and "n" line feed :<< ESC d n >>

Code : [1B] h + [64] h + n \* [00≤n≤FF] h

Prints the data in the print buffer and feeds paper by "n" lines.

\* Beginning of a line is a print start position.

\* If there is print data remained, line feed is activated for the same height of character.

22) Character code table select :<< ESC t n >>

Code : [1B] h + [74] h + n \* [00≤n≤06] h

\* "n" value has following meaning.

n(Hex)	character code table
00	Overseas character code table
01	Domestic character code table
02	Code page 858
03	Code page 1250
04	Code page 1251
05	Code page 1252
06	Code page 1254

\* The default value of "n" is following.

1) In case of memory switch (S2-1) is OFF, the default value of n is [01] h.

2) In case of memory switch (S2-1) is ON, the default value of n is [00] h.

\* It is only enable when the language setting is Japanese or Korean.



23) Printer status transmission :<< ESC v >>

Code : [1B] h + [76] h

Send current printer status

- \* This command is effective only in the serial interface.
- \* Transmit statuses are 1 byte and the contents are in the following table.
- \* Only one byte is transmitted after confirmation that the host is able to receive data (CTS signal is in SPACE status).
- \* If host is not in a receivable status (CTS signal is Mark status), it waits until host can receive data.

bit	Functions	Value	
		0	1
0	Paper near empty	paper present	near empty
1	Platen open	normal	head open
2	Paper end	paper present	no paper
3	Head temp. abnormal	normal	Temp. abnormal
4	Undefined		
5	Cutter cover open	normal	Cutter cover open
6	Undefined		
7	Undefined		

- \* Make sure that command is issued before transmission of print data.  
(Commands are stored in the internal receiving input buffer and executed sequentially)
- \* Reception is available except in the buffer full status.

24) Inverted character set and reset :<< ESC { n >>

Code : [1B] h + [7B] h + n \* [00≤n≤FF] h

Sets or resets the inverted character function

- \* "n" is only valid for the LSB (b0)
- \* LSB (b0) has the following meaning

b0	Description
0	resets inverted character
1	sets inverted character

- \* The command is only valid when it is assigned at the beginning of a line.
- \* The default value of n is [00] h.

25) 90° clockwise rotated character set and reset :<< ESC V n >>

Code : [1B] h + [56] h + n \* [00≤n≤01] h

Sets and resets 90° clockwise rotated character.

- \* Underline cannot be assigned to the 90° clockwise rotated character.
- \* "n" has the following meaning.

n(hex)	description
00	reset 90° rotated character
01	set 90° rotated character

- \* Default value for "n" is [00] h.

26) Absolute position set : << ESC \$ n1 n2 >>

Code : [1B] h + [24] h + n1 + n2 \* [00≤n1≤FF] h  
 \* [00≤n2≤02] h

Print start position is assigned by dots in 1/203rd of inch from the beginning of line.

- \* Divide the value of dot by 256, place quotient to n2, and remainder to n1.
- \* The print start position is n1 + n2 x 256 from top of the line.
- \* Setting which exceeds end of line is ignored.
- \* If the command is received in the middle of line, the current position is also valid.

27) Relative position set : << ESC ¥ n1 n2 >>

Code : [1B] h + [5C] h + n1 + n2 \* [00≤n1≤FF] h  
 \* [00≤n2≤FF] h

Print start position is assigned by dots from current position in unit of 1/203rd of inch.

- \* Right direction is treated as plus and left as minus.
- \* For assigning N dots in minus direction (left), it will be: N dots = 65536 - N
- \* Divide dots by 256, quotient is n2 and remainder is n1.
- \* Assigning beyond the end of a line is neglected

28) Barcode print : << GS k n Dn NUL >>

Code : [1D] h + [6B] h + n + Dn + [00] h \* [00≤n≤07] h

Selects barcode symbology and prints barcode.

- \* The next print start position is on the line head
- \* Select following barcode symbology with “n” value.
- \* Dn indicates the character code to be printed.

n (Hex)	Barcode symbology
00	UPC-A
01	UPC-E
02	EAN-13 (JAN-13)
03	EAN-8 (JAN-8)
04	CODE 39
05	ITF
06	CODABAR(NW-7)
07	CODE128

- \* When there is data in the buffer this command is neglected.
- \* If character code Dn is not a printable character, following data after Dn will be treated as normal data.
- \* If the print character numbers are fixed in the barcode symbology the input character numbers should match to the print character numbers.
- \* If horizontal data exceed one line, the exceeded data cannot be printed.

29) Barcode width size select : << GS w n >>

Code : [1D] h + [77] h + n \* [02≤n≤04] h

Selects width of barcode

- \* Default value of “n” is [03] h.

30) Barcode height select : << GS h n >>

Code : [1D] h + [68] h + n \* [01≤n≤FF] h

Description : Selects barcode height

- \* “n” shows the vertical dot number
- \* Default value of “n” is 162([A2] h).

31) Select of HRI character print position : << GS H n >>

Code : [1D] h + [48] h + n \* [00≤n≤03] h

Selects the print position of HRI characters in printing barcode.

\* "n" has the following meaning.

n (Hex)	Print position
00	No printing
01	Above barcode
02	Below barcode
03	Above and below barcode

\* HRI characters are the characters selected by "HRI character style select".

\* Default value of "n" is [00] h.

32) Select of HRI character style : << GS f n >>

Code : [1D] h + [66] h + n \* [00≤n≤01] h

Selects HRI character style in printing barcode

\* "n" has the following meanings:

n (hex)	Style
00	Font A
01	Font B

\* Default value of "n" is [00] h.

33) Download bit image definition : << GS \* n1 n2 Dn >>

Code: [1D] h + [2A] h + n1 + n2 + Dn \* [01≤n1≤FF] h

\* [01≤n2≤30] h

\* [n1 x n2≤900] h : NP-211

\* [n1 x n2≤D80] h : NP-311

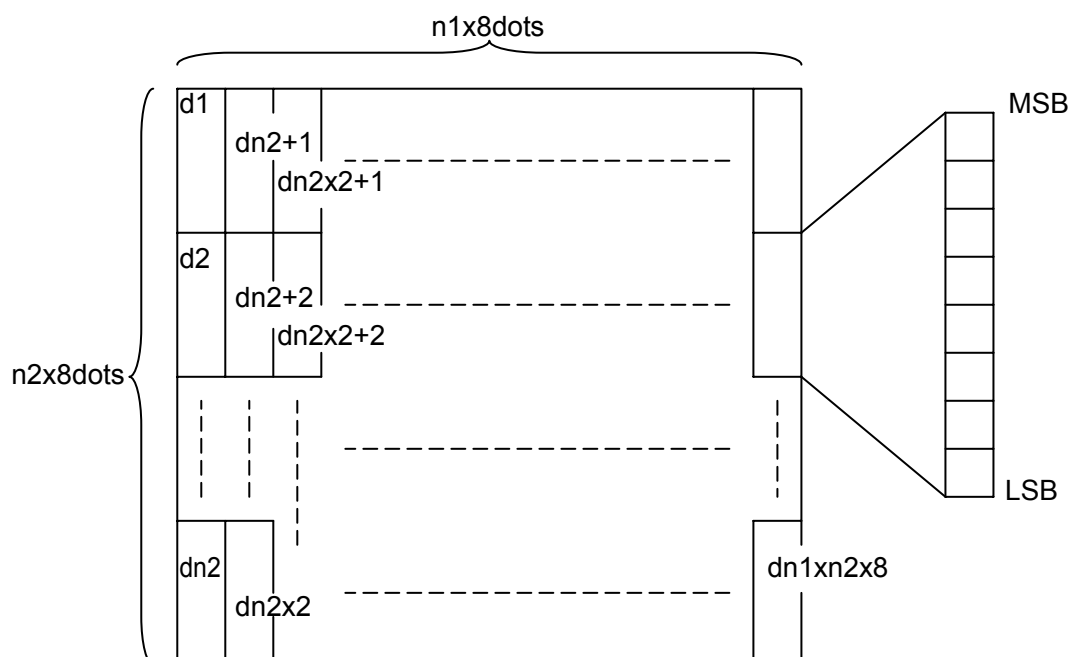
Defines "download bit image" of number of dots specified by n1 and n2.

\* Horizontal dot numbers are obtained by n1 x 8 and vertical dot numbers by n2 x 8.

\* Dn is bit image data.

\* Once "download bit image" is defined, it is valid until it's redefined, initialize printer, software reset, push the reset switch or power is set off.

\* The relationship between bit image data & defined dots is shown below.



34) Download bit image print :<< GS / m >>

Code : < 1D >h + < 2F >h + m \* [00≤m≤03] h

Description : Prints “download bit image” in a mode assigned by “m”.

\* Modes to be assigned by m are as follows.

m	Modes	Dot density	
		Vertical	Horizontal
00	Normal mode	203 dpi	203 dpi
01	Double width	203 dpi	101 dpi
02	Vertical double	101 dpi	203 dpi
03	Quadruple	101 dpi	101 dpi

\* If there are some data left in the print buffer, this command is neglected.

\* If “download bit image” is not defined yet, this command is neglected.

\* “Download bit image” data exceeding 1 line cannot be printed.

35) Data input control :<< ESC = n >>

Code : [1B] h + [3D] h + n \* [00≤n≤FF] h

Description:Selects valid device where data input is possible through host computer.

\* Each bit of “n” has the following meaning.

Bit	Function	Values	
		0	1
0	Printer	Invalid	Valid
1	Not defined		
2	Not defined		
3	Not defined		
4	Not defined		
5	Not defined		
6	Not defined		
7	Not defined		

\* If printer is not in “no selection” status, printer will discard all received data until it is in the selection status by this command.

\* Even if printer is in no selection status, the status may become BUSY by printer operation.

\* The default value of “n” is [01] h.

36) Position align :<< ESC a n >>

Code : [1B] h + [61] h + n \* [00≤n≤02] h

Aligns all data to be printed on the assigned position in a line.

(Fixed bit image is removed.)

\* “n” values are assigned to:

n (Hex)	Position
00	Left
01	Center
02	Right

\* This command is valid only when it is input at the head of a line.

\* The default value of “n” is [00] h.

37) Register NV bit image : << GS T n >>

Code : [1D] h + [54] h + n

Register the predetermined bit image print data.

\* It is possible to register from 0 to 2 different kinds of patterns (3 patterns).

\* In each pattern, up to the maximum of 100 mm length (NP-211), 72 mm length (NP-311) of bit image print data can be registered. The bit image print data exceeding the maximum length is neglected.

\* The registered data is not erased when the power is set on or off, the printer is initialized, software reset, or running the reset switch.

\* "n" has a following meanings.

n (hex)	Function
0	Start of pattern 0 registration
1	Start of pattern 1 registration
2	Start of pattern 2 registration
FF	End of registration

\* When registrations started in the middle of a line, whole line is registered.

\* When registration ended in the middle of a line, whole line is not registered.

\* Following is a command sequence of pattern 0 registration.

GS T [00] h + (bit image data assigned by ESC \*) x n lines + GS T [FF] h

38) Print NV bit image : << GS P n >>

Code : [1D] h + [50] h + n \* [00≤n≤02] h

Prints the bit image print data registered.

\* Selects one of the print pattern among three registered patterns by assigning 0 to 2 value to "n".

39) Firmware download : << GS d Dn >>

Code : [1D] h + [64] h + Dn

Download printer firmware in hexadecimal code and rewrite firmware according to the outcome.

\* Dn is firmware's hex code which complies with INTELLEX Hex format.

40) Software reset : << DC1 >>

Code : [11] h

Restart the firmware as the same procedure as power on.

\* This command is stored in the receive input buffer and activated in sequence.

Above means timing is different between command receive and execution

41) Print density set : << GS ~ n >>

Code : [1D] h + [7E] h + n \* [41≤n≤87] h

Sets print density in the range between 65% ~ 135% of the standard value, S2-4 Off.

\* "n" ranges from 41h(65%) to 87h(135%). However, set it for actual use in the range [41] h (65%) ≤ n ≤ [82] h (130%).

\* At the initial status, 100% or 125% can be selected by the Memory switch, S2-4.

\* This command has priority over the setting by Memory switch.

\* This setting remain unchanged if execute an initialization.

42) Japanese Kanji overall print mode setting : << FS ! n >>  
 Code : [1C] h + [21] h + n \* [00≤n≤FF] h  
 Set Japanese Kanji overall print mode.  
 “n” has following meanings

Bit	Function	Values	
		0	1
0	Undefined	-	-
1	Undefined	-	-
2	Double width	Reset	Set
3	Double height	Reset	Set
4	Undefined	-	-
5	Undefined	-	-
6	Undefined	-	-
7	Underline	Reset	Set

- \* If double height and double width are set at the same time quadruple character will be formed.
- \* All of the printed characters will be underlined except for the 90° rotated characters and spaces created by horizontal tab.
- \* Underline width is determined by the value set in [Underline set/reset] section.  
The default value is “1”.
- \* Different sizes of character mixed such as double width and normal size can be printed.
- \* The default value of “n” is [00] h.

43) Japanese Kanji mode setting : << FS & >>  
 Code : [1C] h + [26] h  
 Set Japanese Kanji print mode  
 \* It is not effective when selected Shift JIS of Japanese Kanji.  
 \* Default is the reset of Japanese Kanji mode.  
 \* It is only enable when the language setting is Japanese or Korean.

44) Japanese Kanji underline set/reset : << FS - n >>  
 Code : [1C] h + [2D] h + n \* [00≤n≤02] h  
 Set / Rest underline of Japanese Kanji  
 “n” has following meanings

n(hex)	Function
00	Reset underline of Japanese Kanji
01	Set 1 dot underline of Japanese Kanji
02	Set 2 dots underline of Japanese Kanji

- \* All of the printed characters will be underlined except for the 90° rotated characters and spaces created by horizontal tab.
- \* This command is effective only when select Japanese Kanji mode.
- \* The default value of “n” is [00]h.

45) Japanese Kanji mode reset : << FS . >>  
 Code : [1C] h + [2E] h  
 Reset Japanese Kanji print mode  
 \* It is not effective when selected Shift JIS of Japanese Kanji.  
 \* Default is the reset of Japanese Kanji mode.  
 \* It is only enable when the language setting is Japanese or Korean.

46) Japanese Kanji code select : << FS C n >>

Code : [1C] h + [43] h + n \* [00≤n≤01] h

Select Japanese Kanji code

“n” has following meanings

n(hex)	Code
00	JIS code
01	Shift JIS code

\* Default is the setting of (S2-2) in the Memory switch.

\* by execution of 【Printer initialization】 , returned to memory switch(S2-2) setting.

\* It is only enable when the language setting is Japanese or Korean.

(Shift JIS is only enable when the language setting is Japanese.)

47) Japanese Kanji space setting : << FS S n1 n2 >>

Code : [1C] h + [53] h + n1 + n2 \* [00≤n1≤20] h

\* [00≤n2≤20] h

Set side space of Japanese Kanji by dot unit

\* n1 sets the left space. Default value is 0.

\* n2 sets the right space. Default value is 0.

\* Width of space will be double when selected double width.

48) Japanese Kanji Double height and width set / reset : << FS W n >>

Code : [1C] h + [57] h + n \* [00≤n≤FF] h

Last bit (b0) of “n” is effective.

\* Default value of “n” is [00] h.

\* Last bit “b0” has following meanings

b0	Function
0	Reset double height and width
1	Set double height and width

49) Macro definition, start and end : << GS : >>

Code : [1D] h + [3A] h

Assigns Macro definition start and end. The size of data defined by Macro is up to 1,024 bytes. Exceeding to 1,024 byte cannot be defined.

- \* Defined Macros cannot be cleared by "Printer initialization". Therefore "printer initialization" can be included in the Macro definition.
- \* During the Macro definition, printing can proceed.
- \* Once Macro is defined, the contents become effective until software is reset, power is set off.

50) Macro execution : << GS ^ n1 n2 n3 >>

Code : [1D] h + [5E] h + n1 + n2 + n3

- \* [00≤n1≤FF] h
- \* [00≤n2≤FF] h
- \* [00≤n3≤01] h

Executes Macros being defined

- \* The definitions of n1, n2 and n3 are:

n1 : times of Macro execution

n2 : wait time of Macro execution

At every execution, there is a wait time of n2 x 100msec.

n3 : Macro execution mode

n3 has a following meanings.

n3(hex)	Mode
00	Consecutive execution
01	Execution by LF switch

- \* Consecutive execution: Executes "n1" times with a wait time specified at n2.
- \* LF switch execute: After a time specified at n2, waits for PE LED blinks and the LF switch depressed. After LF switch is pressed, it executes Macro once. This action is repeated by n1 times.
- \* If the printer receives this command during Macro definition, it stops Macro definition. If it occurs, defined Macros are cleared.
- \* Nothing occurs if Macro is not defined or n1 = [00] h.
- \* During Macro execution with n3 = [01] h, line feed by LF switch is disabled.

51) Black and white reverse print set / reset : << GS B n >>

Code : [1D] h + [42] h + n

- \* [00≤n≤FF] h

Sets and resets black and white reverse print.

- \* "n" is available only for the least significant bit.

- \* The least significant bit controls as follows:

b0	Function
0	Resets black-white reverse printing
1	Sets black-white reverse printing

- \* The characters incorporated and downloaded can be reverse printed.
- \* The right side space of character set by [Set right space of a character] is also included for reverse print. However, it does not cover the skipped space made by bit image, download bit image, NV bit image, raster bit image, barcode, HRI characters, horizontal tab, specify absolute position, specify relative position.
- \* It does not include the space between the lines.
- \* Reverse print has a priority over "underline specified". If a character is reversed, the character is not underlined. However, the underline setting remains effective.
- \* If "highlight" or "double strike" is set on the reverse print, the print may result in damages.
- \* The default value of "n" is [00] h.

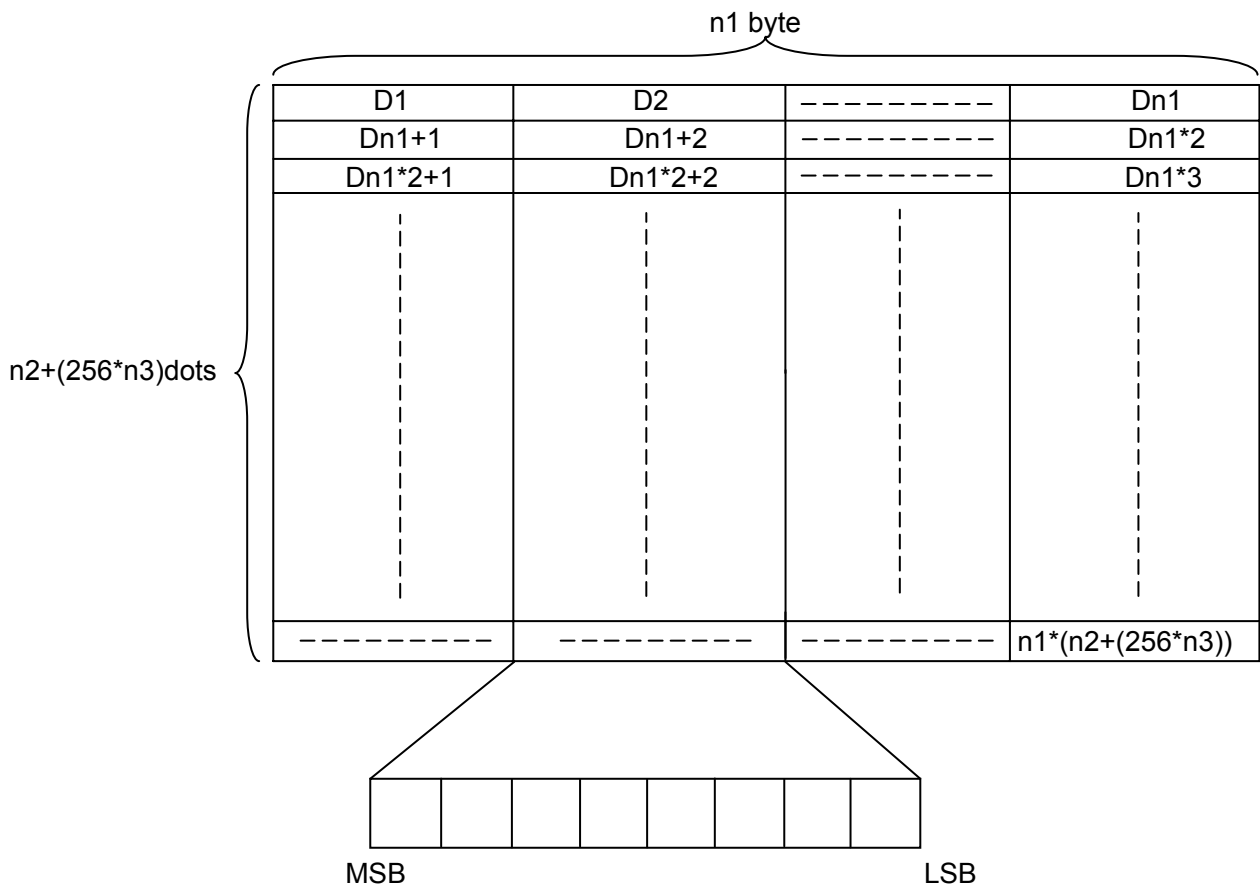


52) Raster bit image : << ESC b n1 n2 n3 Dn >>  
 Code : [1B] h + [62] h + n1+ n2 + n3+ Dn

- \* [01≤n1≤30] h : NP-211
- \* [01≤n1≤48] h : NP-311
- \* [00≤n2≤FF] h
- \* [00≤n3≤FF] h

Data is printed in a raster bit image.

- \* Dn is a raster bit image data.
- \* The printer prints raster bit image of width n1 byte by height n2+(256\*n3) dot lines.
- \* The total byte of the requested raster bit image data (Dn) is n1\*(n2+(256\*n3)).
- \* Raster bit image data (Dn) exceeding the printing field will be disregarded.
- \* Raster bit image data (Dn) interprets bit"1" as print and bit"0" as not print.
- \* Relation between raster bit image data (Dn) and printed dots are as follows.



- \* Please add the command of << ESC J [00] h >> ([1B] h + [4A] h + [00] h) at the end.
- \* If you send this command consecutively, please add << ESC J n >> (n≠ [00] h) at the end of each image, and add the << ESC J [00] h >> at the very end of the image.

53) Definition of additional characters : << FS 2 a1 a2 Dn >>

Code : [1C] h + [32] h + a1 + a2 + Dn

JIS Code \* [a1=77] h

\* [21≤a2≤7E] h

Shift JIS Code \* [a1=EC] h

\* [40≤a2≤7E, 80≤a2≤9E] h

Definition of additional Kanji characters

\* Definition of up to 94 characters available.

\* Dn is the data to be defined. Data will be 3 byte(vertical) x 24 dot(horizontal) =72 byte.

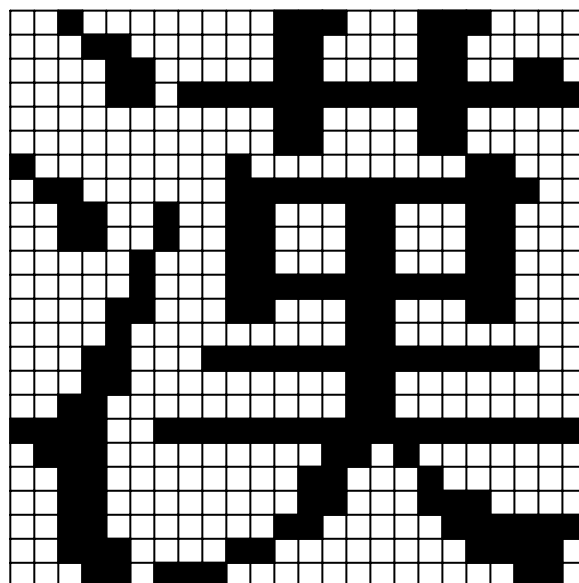
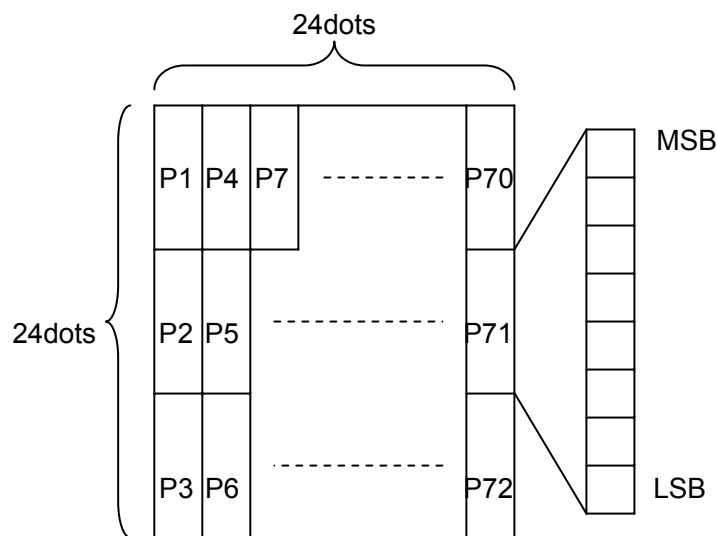
\* The default status is "space"

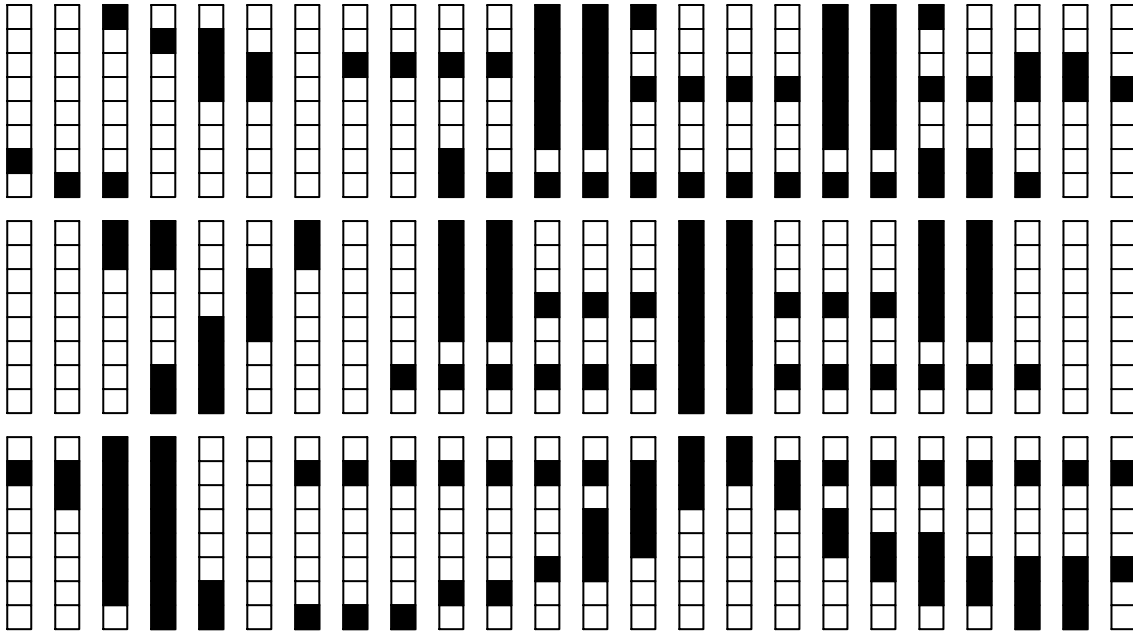
\* Once defined by command, it will be effective until execution of [Soft reset], running reset switch or power off.

\* Only specified area will be redefined.

\* It is only enable when the language setting is Japanese.

<Example>





P1= [02] h, P4= [01] h, P7= [81] h, P10= [40] h, P13= [70] h, P16= [30] h, ...  
P2= [00] h, P5= [00] h, P8= [C0] h, P11= [C3] h, P14= [0F] h, P17= [38] h, ...  
P3= [40] h, P6= [60] h, P9= [FE] h, P12= [FF] h, P15= [03] h, P18= [00] h, ...

54) Back feed : << ESC B n >>

Code : [1B] h + [42] h + n \* [00≤n≤FF] h

Feed the paper backward.

\* Paper feed amount is specified by n dot line.

\* Paper is not fed backward when [00]h is set.

\* If this command is used for many times, paper may be jammed. To avoid this problem, enter only once and feed paper in the forward direction.

\* Double strike print is available by using this command.

\* Considering the backlash, there may be a gap of printing.

\* When data remains in the print line buffer, it first prints data, then back feeds.

55) Memory switch setting and print the result : << GS M n d1 d2 d3 NUL >>

Code : [1D] h + [4D] h + [01] h +d1+d2+d3+[00] h \* [n=01] h  
 \* [00≤d1≤FF] h  
 \* [00≤d2≤FF] h  
 \* [00≤d3≤01] h

Setting of Memory switches S1, S2, and S3 or print the setting result

\*After setting of the memory switch, it prints the result, activates software reset automatically, and validate the setting.

\*During printing the result of the setting, specified letter modification is printed temporarily in Font A and in order. It returns to original specification after the print, but it prints bold as is.

\*Memory switch S1=d1, S2=d2, and S3=d3 set by the following bits.

d1 (Memory switch S1)

Bit	Function	Values	
		0	1
b0	Memory switch S1-1	OFF	ON
b1	Memory switch S1-2	OFF	ON
b2	Memory switch S1-3	OFF	ON
b3	Memory switch S1-4	OFF	ON
b4	Memory switch S1-5	OFF	ON
b5	Memory switch S1-6	OFF	ON
b6	Memory switch S1-7	OFF	ON
b7	Memory switch S1-8	OFF	ON

d2 (Memory switch S2)

Bit	Function	Values	
		0	1
b0	Memory switch S2-1	OFF	ON
b1	Memory switch S2-2	OFF	ON
b2	Memory switch S2-3	OFF	ON
b3	Memory switch S2-4	OFF	ON
b4	Memory switch S2-5	OFF	ON
b5	Memory switch S2-6	OFF	ON
b6	Memory switch S2-7	OFF	ON
b7	Memory switch S2-8	OFF	ON

d3 (Memory switch S3)

Bit	Function	Values	
		0	1
b0	Memory switch S3-1	OFF	ON

Please refer to 4.2.1 ~ 3 for notes and details for the memory switch.

56) Embedded language fonts switching <<ESC T n>>

Code: [1B] h + [54] h + n      \* [00 ≤ n ≤ 03] h

Change the embedded language fonts.

\* The setting of n is following.

n (hex)	language font
00	Japanese
01	Chinese
02	Korean
03	Greek

\* The default setting of n is set by memory switch (S2-6, S2-7).

\* When executing the printer initialization after changing language font by this command, the memory switch setting (S2-6, S2-7) become effective.

57) Send extended information <<ESC s n>>

Code: [1B] h + [73] h + n      \* [02 ≤ n ≤ 1F] h

Send the model information.

\* The setting of n is following.

n (hex)	Class	Data type	Byte length
02	Printer model information	ASCII String	Max. 32 * <sup>1</sup>
03	F/W version	ASCII String	8
04	Boot version	ASCII String	8
05	Memory switch setting information	Byte Order	4
06	The number of head energization dot line	Double Word	4
07	The number of paper running dot line	Double Word	4
08 ~ 1F	Reserved* <sup>2</sup>	-	-

\*1: It is sent attaching 00h in the end according to variable length field.

\*2: It is reserved area for future expansion.

\* Return format

[FF] h + [n] h + class data + [00] h (\*1)

(\*1): In case of ASCII String in data type, [00] h is attached.

58) Barcode termination code change <<ESC RS c n>>

Code: [1B] h + [1E] h + [63] h + n      \* [n = 00, 80] h

Change the termination code (NUL) of using barcode print command (GS k n Dn NUL).

\* The setting of n is following.

n (hex)	Termination code
00	[00] h
80	[FF] h

\* The default setting of n is [00] h, then termination code become [00] h.

## 6. Character code table

### 6.1 Domestic character code table (International character set: Japan)

	HEX	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
HEX	BIN	0000	0001	0010	0011	0100	0101	0110	0111	1000	1001	1010	1011	1100	1101	1110	1111
0	0000	NUL		SP	0	@	P	`	p	—	⊥	SP	一	夕	ミ	=	×
1	0001		DC1	!	1	A	Q	a	q	—	⊥	。	ア	チ	ム	卩	円
2	0010			”	2	B	R	b	r	—	⊥	「	イ	ツ	メ	≠	年
3	0011		DC3	#	3	C	S	c	s	—	⊥	」	ウ	テ	モ	≠	月
4	0100			\$	4	D	T	d	t	—	—	、	エ	ト	ヤ	▲	日
5	0101			%	5	E	U	e	u	—	—	・	オ	ナ	ユ	▲	時
6	0110			&	6	F	V	f	v	—	—	ヲ	カ	ニ	ヨ	▲	分
7	0111			'	7	G	W	g	w	—	—	ア	キ	ヌ	ラ	▲	秒
8	1000			(	8	H	X	h	x	—	—	イ	ク	ネ	リ	♠	〒
9	1001	HT		)	9	I	Y	i	y	—	—	ウ	ケ	ノ	ル	♥	市
A	1010	LF		*	:	J	Z	j	z	—	—	エ	コ	ハ	レ	♦	区
B	1011		ESC	+	;	K	[	k	{	—	—	オ	サ	ヒ	ロ	♣	町
C	1100	FF	FS	,	<	L	¥	l		—	—	ヤ	シ	フ	ワ	●	村
D	1101	CR	GS	—	=	M	]	m	}	—	—	ユ	ス	ヘ	ン	○	人
E	1110		RS	.	>	N	^	n	~	—	—	ヨ	セ	ホ	”	/	■
F	1111			/	?	O	_	o	SP	+	”	ツ	ソ	マ	°	\	SP

\* [SP] indicates "space".

\* [CR] is neglected.

\* Printer operation cannot be guaranteed if the blank control code (codes below [1F] h) is transmitted to printer.

\* This code table indicates simplified symbol and is not print result. There may be a different result between the code table and print result.

### 6.2 Overseas character code table (International character set: U.S.A)

	HEX	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
HEX	BIN	0000	0001	0010	0011	0100	0101	0110	0111	1000	1001	1010	1011	1100	1101	1110	1111
0	0000	NUL		SP	0	@	P	`	p	€	É	á	☐	┌	└	α	≡
1	0001		DC1	!	1	A	Q	a	q	ü	æ	í	☐	┐	┘	β	±
2	0010			”	2	B	R	b	r	é	Æ	ó	☐	└	┘	Γ	≤
3	0011		DC3	#	3	C	S	c	s	â	ô	ú		└	┘	π	≥
4	0100			\$	4	D	T	d	t	ä	ö	ñ	└	┘	┐	Σ	∩
5	0101			%	5	E	U	e	u	à	ò	Ñ	┐	┘	┐	σ	∪
6	0110			&	6	F	V	f	v	â	û	ä	┐	┘	┐	μ	÷
7	0111			'	7	G	W	g	w	ç	ù	ø	┐	┘	┐	τ	≈
8	1000			(	8	H	X	h	x	ê	ÿ	ÿ	┐	┘	┐	φ	°
9	1001	HT		)	9	I	Y	i	y	ë	Ö	┐	┘	┐	┘	θ	•
A	1010	LF		*	:	J	Z	j	z	è	Ü	┐	┘	┐	┘	Ω	•
B	1011		ESC	+	;	K	[	k	{	ï	©	½	┐	┘	■	δ	√
C	1100	FF	FS	,	<	L	\			î	£	¼	┐	┘	■	∞	ˆ
D	1101	CR	GS	-	=	M	]	m	}	ì	¥	í	┐	┘	■	φ	ˆ
E	1110		RS	.	>	N	^	n	~	Ä	£	«	┐	┘	■	ε	■
F	1111			/	?	O	_	o	SP	À	f	»	┐	┘	■	∩	SP

\* [SP] indicates "space".

\* [CR] is neglected.

\* Printer operation cannot be guaranteed if the blank control code (codes below [1F] h) is transmitted to printer.

\* This code table indicates simplified symbol and is not print result. There may be a different result between the code table and print result

### 6.3 International character code table

n	Character set	23h	24h	40h	5Bh	5Ch	5Dh	5Eh	60h	7Bh	7Ch	7Dh	7Eh
00h	U. S. A	#	\$	@	[	\	]	^	`	{		}	~
01h	France	#	\$	à	°	ç	§	^	`	é	ù	è	**
02h	Germany	#	\$	§	Ä	Ö	Ü	^	`	ä	ö	ü	β
03h	U. K.	£	\$	@	[	\	]	^	`	{		}	~
04h	Denmark1	#	\$	@	Æ	Ø	Å	^	`	æ	ø	å	~
05h	Sweden	#	☒	É	Ä	Ö	Å	Ü	é	ä	ö	å	ü
06h	Italy	#	\$	@	°	\	é	^	ù	à	Ò	è	ì
07h	Spain	£	\$	@	í	Ñ	¿	^	`	**	ñ	}	~
08h	Japan	#	\$	@	[	¥	]	^	`	{		}	~
09h	Norway	#	☒	É	Æ	Ø	Å	Ü	é	æ	ø	å	ü
0Ah	Denmark2	#	\$	É	Æ	Ø	Å	Ü	é	æ	ø	å	ü

\* This code table indicates simplified symbol and is not print result. There may be a different result between the code table and print result

6.4 CODE PAGE858

	HEX	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
HEX	BIN	0000	0001	0010	0011	0100	0101	0110	0111	1000	1001	1010	1011	1100	1101	1110	1111
0	0000	NUL		SP	0	@	P	`	p	Ç	É	á	☐	Ł	ř	Ó	-
1	0001		DC1	!	1	A	Q	a	q	ü	æ	í	☐	ł	Đ	β	±
2	0010			"	2	B	R	b	r	é	Æ	ó	☐	ł	Ê	Ô	=
3	0011		DC3	#	3	C	S	c	s	â	ô	ú		ł	Ë	Ò	¾
4	0100			\$	4	D	T	d	t	ä	ö	ñ	ł	ł	È	ô	¶
5	0101			%	5	E	U	e	u	à	ò	Ñ	Á	ł	€	Õ	§
6	0110			&	6	F	V	f	v	â	û	ä	Ā	ā	Ī	μ	÷
7	0111			'	7	G	W	g	w	ç	ù	º	Ā	Ā	Ī	þ	˘
8	1000			(	8	H	X	h	x	ê	ÿ	ı	o	Ł	İ	þ	°
9	1001	HT		)	9	I	Y	i	y	ë	Ö	æ	ł	ł	ł	Ū	ˆ
A	1010	LF		*	:	J	Z	j	z	è	Ü	ł	ł	ł	ł	Ū	•
B	1011		ESC	+	;	K	[	k	{	ï	φ	½	ł	ł	■	Ū	1
C	1100	FF	FS	,	<	L	\	l		î	£	¼	ł	ł	■	ý	3
D	1101	CR	GS	-	=	M	]	m	}	ì	Ø	ı	Œ	=		Ý	2
E	1110		RS	.	>	N	^	n	~	Ä	x	«	¥	ł	İ	˘	■
F	1111			/	?	O	_	o	SP	À	f	»	ł	ł	■	˘	SP

※ 「SP」 indicates "space".

※ 「CR」 is neglected.

※Printer operation shall not be guaranteed if the blank control code(codes below [1F] h) or undefined code is transmitted to printer.

※This code table is simplified symbol and is not print result. There may be a different result between the code table and print result.



## 6.5 CODE PAGE1250

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
<b>00</b>	NUL 0000	STX 0001	SOT 0002	ETX 0003	EOT 0004	ENQ 0005	ACK 0006	BEL 0007	BS 0008	HT 0009	LF 000A	VT 000B	FF 000C	CR 000D	SO 000E	SI 000F
<b>10</b>	DLE 0010	DC1 0011	DC2 0012	DC3 0013	DC4 0014	NAK 0015	SYN 0016	ETB 0017	CAN 0018	EM 0019	SUB 001A	ESC 001B	FS 001C	GS 001D	RS 001E	US 001F
<b>20</b>	SP 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
<b>30</b>	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
<b>40</b>	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
<b>50</b>	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
<b>60</b>	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
<b>70</b>	p	q	r	s	t	u	v	w	x	y	z	{		}	~	DEL 007F
<b>80</b>	€ 20AC		ƒ 201A		„ 201E	… 2026	† 2020	‡ 2021		‰ 2030	Š 0160	< 2039	Ś 015A	Ť 0164	Ž 017D	Ž 0179
<b>90</b>		˘ 2018	˙ 2019	˚ 201C	˛ 201D	• 2022	— 2013	— 2014		™ 2122	š 0161	> 203A	ś 015B	ť 0165	ž 017E	ž 017A
<b>A0</b>	NBSP 00A0	ˆ 02C7	ˇ 02D8	Ł 0141	* 00A4	Ą 0104	İ 00A6	Š 00A7	ˆ 00A8	© 00A9	Ş 015E	« 00AB	¬ 00AC	— 00AD	@ 00AE	Ž 017B
<b>B0</b>	° 00B0	± 00B1	˘ 02DB	ı 0142	µ 00B4	¶ 00B5	· 00B6	˘ 00B7	˘ 00B8	ą 0105	ş 015F	» 00BB	ı 013D	˘ 02DD	ı 013E	ž 017C
<b>C0</b>	Ř 0154	Á 00C1	Ě 00C2	Ǽ 0102	Ǻ 00C4	Í 0139	Ć 0106	Ç 00C7	Č 010C	É 00C9	Ě 0118	Ě 00CB	Ě 011A	Í 00CD	Ī 00CE	Ď 010E
<b>D0</b>	Đ 0110	Ń 0143	Ň 0147	Ó 00D3	Õ 00D4	Ö 0150	Ö 00D6	× 00D7	Ř 0158	Ů 016E	Ú 00DA	Ú 0170	Û 00DC	Ý 00DD	Ť 0162	ß 00DF
<b>E0</b>	ř 0155	á 00E1	ě 00E2	ǻ 0103	ǻ 00E4	í 013A	ć 0107	ç 00E7	č 010D	é 00E9	ę 0119	ę 00EB	ę 011B	í 00ED	ī 00EE	ď 010F
<b>F0</b>	đ 0111	ń 0144	ň 0148	ó 00F3	õ 00F4	ö 0151	ö 00F6	÷ 00F7	ř 0159	ů 016F	ú 00FA	ú 0171	û 00FC	ý 00FD	ț 0163	· 02D9

※This code table is simplified symbol and is not a print result. There may be a different print result between the code table and print result.

## 6.6 CODE PAGE1251

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
<b>00</b>	<u>NUL</u> 0000	<u>STX</u> 0001	<u>SOT</u> 0002	<u>ETX</u> 0003	<u>EOT</u> 0004	<u>ENQ</u> 0005	<u>ACK</u> 0006	<u>BEL</u> 0007	<u>BS</u> 0008	<u>HT</u> 0009	<u>LF</u> 000A	<u>VT</u> 000B	<u>FF</u> 000C	<u>CR</u> 000D	<u>SO</u> 000E	<u>SI</u> 000F
<b>10</b>	<u>DLE</u> 0010	<u>DC1</u> 0011	<u>DC2</u> 0012	<u>DC3</u> 0013	<u>DC4</u> 0014	<u>NAK</u> 0015	<u>SYN</u> 0016	<u>ETB</u> 0017	<u>CAN</u> 0018	<u>EM</u> 0019	<u>SUB</u> 001A	<u>ESC</u> 001B	<u>FS</u> 001C	<u>GS</u> 001D	<u>RS</u> 001E	<u>US</u> 001F
<b>20</b>	<u>SP</u> 0020	<u>!</u> 0021	<u>"</u> 0022	<u>#</u> 0023	<u>\$</u> 0024	<u>%</u> 0025	<u>&amp;</u> 0026	<u>'</u> 0027	<u>(</u> 0028	<u>)</u> 0029	<u>*</u> 002A	<u>+</u> 002B	<u>,</u> 002C	<u>-</u> 002D	<u>.</u> 002E	<u>/</u> 002F
<b>30</b>	<u>0</u> 0030	<u>1</u> 0031	<u>2</u> 0032	<u>3</u> 0033	<u>4</u> 0034	<u>5</u> 0035	<u>6</u> 0036	<u>7</u> 0037	<u>8</u> 0038	<u>9</u> 0039	<u>:</u> 003A	<u>;</u> 003B	<u>&lt;</u> 003C	<u>=</u> 003D	<u>&gt;</u> 003E	<u>?</u> 003F
<b>40</b>	<u>@</u> 0040	<u>A</u> 0041	<u>B</u> 0042	<u>C</u> 0043	<u>D</u> 0044	<u>E</u> 0045	<u>F</u> 0046	<u>G</u> 0047	<u>H</u> 0048	<u>I</u> 0049	<u>J</u> 004A	<u>K</u> 004B	<u>L</u> 004C	<u>M</u> 004D	<u>N</u> 004E	<u>O</u> 004F
<b>50</b>	<u>P</u> 0050	<u>Q</u> 0051	<u>R</u> 0052	<u>S</u> 0053	<u>T</u> 0054	<u>U</u> 0055	<u>V</u> 0056	<u>W</u> 0057	<u>X</u> 0058	<u>Y</u> 0059	<u>Z</u> 005A	<u>[</u> 005B	<u>\</u> 005C	<u>]</u> 005D	<u>^</u> 005E	<u>_</u> 005F
<b>60</b>	<u>`</u> 0060	<u>a</u> 0061	<u>b</u> 0062	<u>c</u> 0063	<u>d</u> 0064	<u>e</u> 0065	<u>f</u> 0066	<u>g</u> 0067	<u>h</u> 0068	<u>i</u> 0069	<u>j</u> 006A	<u>k</u> 006B	<u>l</u> 006C	<u>m</u> 006D	<u>n</u> 006E	<u>o</u> 006F
<b>70</b>	<u>p</u> 0070	<u>q</u> 0071	<u>r</u> 0072	<u>s</u> 0073	<u>t</u> 0074	<u>u</u> 0075	<u>v</u> 0076	<u>w</u> 0077	<u>x</u> 0078	<u>y</u> 0079	<u>z</u> 007A	<u>{</u> 007B	<u> </u> 007C	<u>}</u> 007D	<u>~</u> 007E	<u>DEL</u> 007F
<b>80</b>	<u>Ђ</u> 0402	<u>Ѓ</u> 0403	<u>Ѕ</u> 201A	<u>Ї</u> 0453	<u>Љ</u> 201E	<u>Њ</u> 2026	<u>Ћ</u> 2020	<u>Ќ</u> 2021	<u>Є</u> 20AC	<u>Ѓ</u> 2030	<u>Ѕ</u> 0409	<u>Ї</u> 2039	<u>Љ</u> 040A	<u>Њ</u> 040C	<u>Ћ</u> 040B	<u>Ќ</u> 040F
<b>90</b>	<u>ђ</u> 0452	<u>ѓ</u> 2018	<u>ѕ</u> 2019	<u>ї</u> 201C	<u>љ</u> 201D	<u>њ</u> 2022	<u>ќ</u> 2013	<u>ѐ</u> 2014	<u>ѓ</u> 2122	<u>ђ</u> 0459	<u>ѕ</u> 203A	<u>ї</u> 045A	<u>љ</u> 045C	<u>њ</u> 045B	<u>ќ</u> 045E	<u>ѐ</u> 045F
<b>A0</b>	<u>NBSP</u> 00A0	<u>Ў</u> 040E	<u>ѐ</u> 045E	<u>Ј</u> 0408	<u>*</u> 00A4	<u>Г</u> 0490	<u>І</u> 00A6	<u>Ѕ</u> 00A7	<u>Є</u> 0401	<u>©</u> 00A9	<u>€</u> 0404	<u>«</u> 00AB	<u>¬</u> 00AC	<u>-</u> 00AD	<u>@</u> 00AE	<u>İ</u> 0407
<b>B0</b>	<u>°</u> 00B0	<u>±</u> 00B1	<u>І</u> 0406	<u>і</u> 0456	<u>Г</u> 0491	<u>μ</u> 00B5	<u>¶</u> 00B6	<u>·</u> 00B7	<u>ё</u> 0451	<u>№</u> 2116	<u>е</u> 0454	<u>»</u> 00BB	<u>ј</u> 0458	<u>Ѕ</u> 0405	<u>Ѕ</u> 0455	<u>і</u> 0457
<b>C0</b>	<u>А</u> 0410	<u>В</u> 0411	<u>В</u> 0412	<u>Г</u> 0413	<u>Д</u> 0414	<u>Е</u> 0415	<u>Ж</u> 0416	<u>З</u> 0417	<u>И</u> 0418	<u>Й</u> 0419	<u>К</u> 041A	<u>Л</u> 041B	<u>М</u> 041C	<u>Н</u> 041D	<u>О</u> 041E	<u>П</u> 041F
<b>D0</b>	<u>Р</u> 0420	<u>С</u> 0421	<u>Т</u> 0422	<u>У</u> 0423	<u>Ф</u> 0424	<u>Х</u> 0425	<u>Ц</u> 0426	<u>Ч</u> 0427	<u>Ш</u> 0428	<u>Щ</u> 0429	<u>Ъ</u> 042A	<u>Ы</u> 042B	<u>Ь</u> 042C	<u>Э</u> 042D	<u>Ю</u> 042E	<u>Я</u> 042F
<b>E0</b>	<u>а</u> 0430	<u>б</u> 0431	<u>в</u> 0432	<u>г</u> 0433	<u>д</u> 0434	<u>е</u> 0435	<u>ж</u> 0436	<u>з</u> 0437	<u>и</u> 0438	<u>й</u> 0439	<u>к</u> 043A	<u>л</u> 043B	<u>м</u> 043C	<u>н</u> 043D	<u>о</u> 043E	<u>п</u> 043F
<b>F0</b>	<u>р</u> 0440	<u>с</u> 0441	<u>т</u> 0442	<u>у</u> 0443	<u>ф</u> 0444	<u>х</u> 0445	<u>ц</u> 0446	<u>ч</u> 0447	<u>ш</u> 0448	<u>щ</u> 0449	<u>ъ</u> 044A	<u>ы</u> 044B	<u>ь</u> 044C	<u>э</u> 044D	<u>ю</u> 044E	<u>я</u> 044F

※This code table is a simplified symbol and is not a real print result. There may be a different result between the code table and print result.

## 6.7 CODE PAGE1252

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
00	NUL 0000	STX 0001	SOT 0002	ETX 0003	EOT 0004	ENQ 0005	ACK 0006	BEL 0007	BS 0008	HT 0009	LF 000A	VT 000B	FF 000C	CR 000D	SO 000E	SI 000F
10	DLE 0010	DC1 0011	DC2 0012	DC3 0013	DC4 0014	NAK 0015	SYN 0016	ETB 0017	CAN 0018	EM 0019	SUB 001A	ESC 001B	FS 001C	GS 001D	RS 001E	US 001F
20	SP 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
30	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
40	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
50	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
60	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
70	p	q	r	s	t	u	v	w	x	y	z	{		}	~	DEL 007F
80	€ 20AC		ƒ 201A	„ 0192	… 2026	† 2020	‡ 2021	ˆ 02C6	‰ 2030	Š 0160	< 2039	€ 0152		Ž 017D		
90		˘ 2018	˙ 2019	˚ 201C	˛ 201D	• 2022	— 2013	— 2014	˜ 02DC	™ 2122	š 0161	> 203A	œ 0153		ž 017E	ÿ 0178
A0	NBSP 00A0	ı 00A1	ı̇ 00A2	£ 00A3	* 00A4	¥ 00A5	ı̈ 00A6	§ 00A7	ı̄ 00A8	© 00A9	ª 00AA	« 00AB	¬ 00AC	— 00AD	® 00AE	— 00AF
B0	° 00B0	± 00B1	² 00B2	³ 00B3	´ 00B4	µ 00B5	¶ 00B6	· 00B7	¸ 00B8	¹ 00B9	º 00BA	» 00BB	¼ 00BC	½ 00BD	¾ 00BE	¿ 00BF
C0	À 00C0	Á 00C1	Â 00C2	Ã 00C3	Ä 00C4	Å 00C5	Æ 00C6	Ç 00C7	È 00C8	É 00C9	Ê 00CA	Ë 00CB	Ì 00CC	Í 00CD	Î 00CE	Ï 00CF
D0	Ð 00D0	Ñ 00D1	Ò 00D2	Ó 00D3	Ô 00D4	Õ 00D5	Ö 00D6	× 00D7	Ø 00D8	Ù 00D9	Ú 00DA	Û 00DB	Ü 00DC	Ý 00DD	Þ 00DE	ß 00DF
E0	à 00E0	á 00E1	â 00E2	ã 00E3	ä 00E4	å 00E5	æ 00E6	ç 00E7	è 00E8	é 00E9	ê 00EA	ë 00EB	ì 00EC	í 00ED	î 00EE	ï 00EF
F0	ð 00F0	ñ 00F1	ò 00F2	ó 00F3	ô 00F4	õ 00F5	ö 00F6	÷ 00F7	ø 00F8	ù 00F9	ú 00FA	û 00FB	ü 00FC	ý 00FD	þ 00FE	ÿ 00FF

※This code table is simplified symbol and is not a print result. There may be a different print result between the code table and print result.

## 6.8 CODE PAGE1253

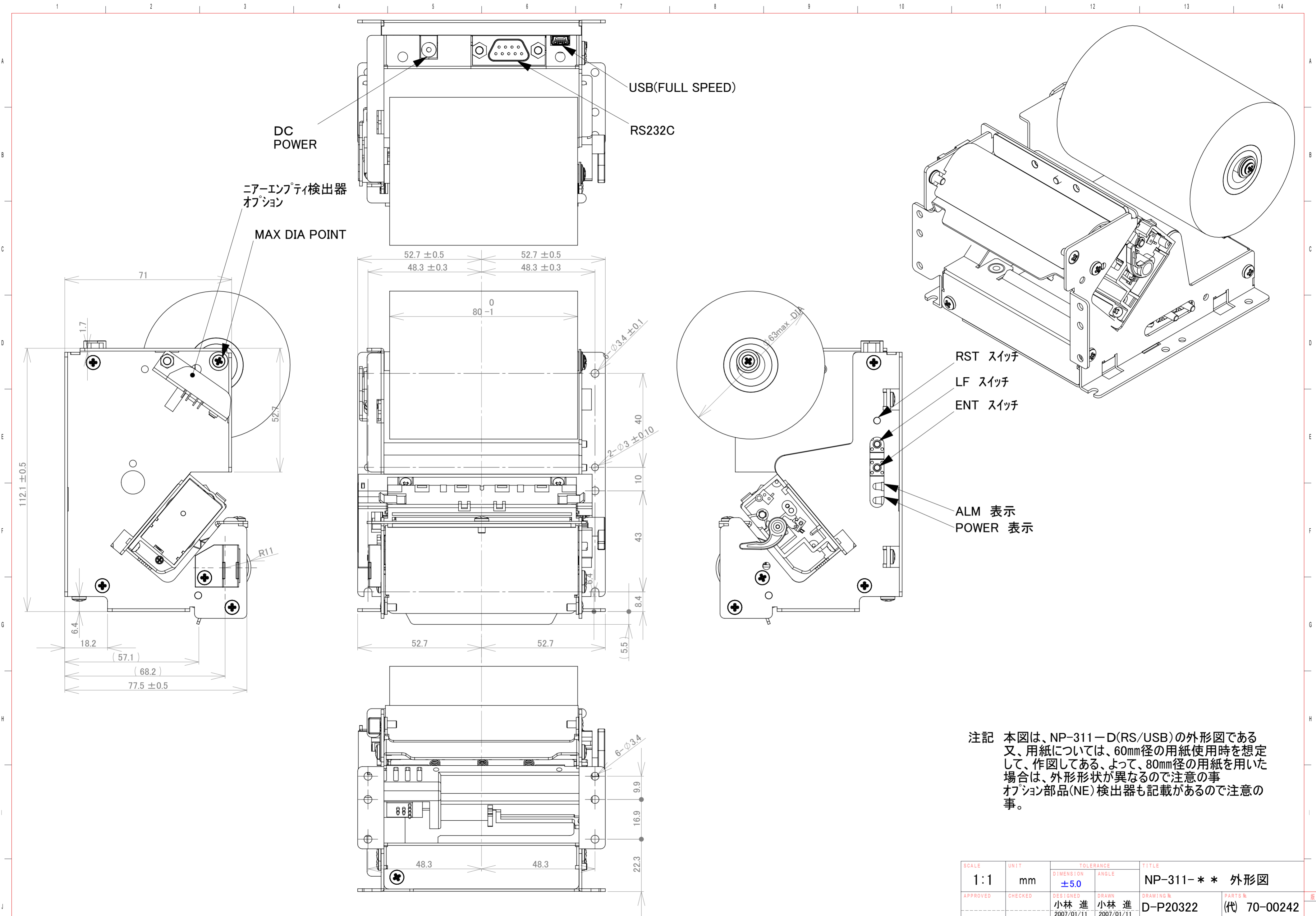
	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
<b>00</b>	NUL 0000	STX 0001	SOT 0002	ETX 0003	EOT 0004	ENQ 0005	ACK 0006	BEL 0007	BS 0008	HT 0009	LF 000A	VT 000B	FF 000C	CR 000D	SO 000E	SI 000F
<b>10</b>	DLE 0010	DC1 0011	DC2 0012	DC3 0013	DC4 0014	NAK 0015	SYN 0016	ETB 0017	CAN 0018	EM 0019	SUB 001A	ESC 001B	FS 001C	GS 001D	RS 001E	US 001F
<b>20</b>	SP 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
<b>30</b>	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
<b>40</b>	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
<b>50</b>	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
<b>60</b>	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
<b>70</b>	p	q	r	s	t	u	v	w	x	y	z	{		}	~	DEL 007F
<b>80</b>	€ 20AC		ƒ 201A	„ 0192	… 201E	† 2026	‡ 2020		‰ 2030		< 2039					
<b>90</b>		˘ 2018	˙ 2019	˚ 201C	˛ 201D	• 2022	— 2013	— 2014		™ 2122		> 203A				
<b>A0</b>	NBSP 00A0	ˆ 0385	ˆ 0386	£ 00A3	* 00A4	¥ 00A5	¡ 00A6	§ 00A7	© 00A8	© 00A9		« 00AB	¬ 00AC	— 00AD	@ 00AE	— 2015
<b>B0</b>	° 00B0	± 00B1	² 00B2	³ 00B3	´ 0384	µ 00B5	¶ 00B6	· 00B7	È 0388	É 0389	Ê 038A	» 00BB	Ë 038C	¼ 00BD	Ý 038E	Œ 038F
<b>C0</b>	Í 0390	À 0391	Á 0392	Γ 0393	Δ 0394	Ε 0395	Ζ 0396	Η 0397	Θ 0398	Ι 0399	Κ 039A	Λ 039B	Μ 039C	Ν 039D	Ξ 039E	Ο 039F
<b>D0</b>	Π 03A0	Ρ 03A1		Σ 03A3	Τ 03A4	Υ 03A5	Φ 03A6	Χ 03A7	Ψ 03A8	Ω 03A9	Ï 03AA	ÿ 03AB	ά 03AC	έ 03AD	ή 03AE	ί 03AF
<b>E0</b>	ύ 03B0	α 03B1	β 03B2	γ 03B3	δ 03B4	ε 03B5	ζ 03B6	η 03B7	θ 03B8	ι 03B9	κ 03BA	λ 03BB	μ 03BC	ν 03BD	ξ 03BE	ο 03BF
<b>F0</b>	π 03C0	ρ 03C1	ς 03C2	σ 03C3	τ 03C4	υ 03C5	φ 03C6	χ 03C7	ψ 03C8	ω 03C9	ϊ 03CA	ϋ 03CB	ό 03CC	ύ 03CD	ώ 03CE	

※This code table is simplified symbol and is not a print result. There may be a different print result between the code table and print result.

## 6.9 CODE PAGE1254

	00	01	02	03	04	05	06	07	08	09	0A	0B	0C	0D	0E	0F
<b>00</b>	NUL 0000	STX 0001	SOT 0002	ETX 0003	EOT 0004	ENQ 0005	ACK 0006	BEL 0007	BS 0008	HT 0009	LF 000A	VT 000B	FF 000C	CR 000D	SO 000E	SI 000F
<b>10</b>	DLE 0010	DC1 0011	DC2 0012	DC3 0013	DC4 0014	NAK 0015	SYN 0016	ETB 0017	CAN 0018	EM 0019	SUB 001A	ESC 001B	FS 001C	GS 001D	RS 001E	US 001F
<b>20</b>	SP 0020	!	"	#	\$	%	&	'	(	)	*	+	,	-	.	/
<b>30</b>	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
<b>40</b>	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
<b>50</b>	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_
<b>60</b>	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
<b>70</b>	p	q	r	s	t	u	v	w	x	y	z	{		}	~	DEL 007F
<b>80</b>	€ 20AC		ƒ 201A	„ 0192	… 201E	† 2026	‡ 2020	~ 2021	‰ 02C6	Š 2030	< 2039	€ 0152				
<b>90</b>		˘ 2018	˙ 2019	˚ 201C	˛ 201D	• 2022	— 2013	— 2014	˜ 02DC	™ 2122	š 0161	> 203A	œ 0153			ÿ 0178
<b>A0</b>	NBSP 00A0	ı 00A1	ı̇ 00A2	£ 00A3	* 00A4	¥ 00A5	ı̇ 00A6	§ 00A7	ı̇ 00A8	© 00A9	ª 00AA	« 00AB	¬ 00AC	— 00AD	® 00AE	— 00AF
<b>B0</b>	° 00B0	± 00B1	² 00B2	³ 00B3	´ 00B4	µ 00B5	¶ 00B6	· 00B7	¸ 00B8	¹ 00B9	º 00BA	» 00BB	¼ 00BC	½ 00BD	¾ 00BE	¿ 00BF
<b>C0</b>	À 00C0	Á 00C1	Â 00C2	Ã 00C3	Ä 00C4	Å 00C5	Æ 00C6	Ç 00C7	È 00C8	É 00C9	Ê 00CA	Ë 00CB	Ì 00CC	Í 00CD	Î 00CE	Ï 00CF
<b>D0</b>	Ğ 011E	Ñ 00D1	Ò 00D2	Ó 00D3	Ô 00D4	Õ 00D5	Ö 00D6	× 00D7	Ø 00D8	Ù 00D9	Ú 00DA	Û 00DB	Ü 00DC	Ý 0130	Ş 015E	ß 00DF
<b>E0</b>	à 00E0	á 00E1	â 00E2	ã 00E3	ä 00E4	å 00E5	æ 00E6	ç 00E7	è 00E8	é 00E9	ê 00EA	ë 00EB	ì 00EC	í 00ED	î 00EE	ï 00EF
<b>F0</b>	ğ 011F	ñ 00F1	ò 00F2	ó 00F3	ô 00F4	õ 00F5	ö 00F6	÷ 00F7	ø 00F8	ù 00F9	ú 00FA	û 00FB	ü 00FC	ı̇ 0131	ş 015F	ÿ 00FF

※This code table is simplified symbol and is not a print result. There may be a different print result between the code table and print result.



注記 本図は、NP-311-D(RS/USB)の外形図である  
 又、用紙については、60mm径の用紙使用時を想定  
 して、作図してある、よって、80mm径の用紙を用いた  
 場合は、外形形状が異なるので注意の事  
 オプション部品(NE)検出器も記載があるので注意の  
 事。

SCALE	UNIT	TOLERANCE		TITLE
		DIMENSION	ANGLE	
1:1	mm	±5.0		NP-311-** 外形図
APPROVED	CHECKED	DESIGNED	DRAWN	DRAWING №
		小林 進	小林 進	D-P20322
		2007/01/11	2007/01/11	PARTS №
				(代) 70-00242

付録 漢字コード表(ゴシック)

	シフトJIS	JIS	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
記号	813F	2120			、	。	、	。	、	。	、	。	、	。	、	。	、	。
	814F	2130	^	^	^	^	^	^	^	^	^	^	^	^	^	^	^	^
	815F	2140	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~	~
	816F	2150	{}	<	>	<<	>>											
	8180	2160	÷	=	≠	<	>	≦	≧	∞	∴	♂	♀	°	'	"	°C	¥
	8190	2170	\$	¢	£	%	#	&	*	@	§	☆	★	○	●	◎	◇	
	819E	2220		◆	□	■	△	▲	▽	▼	※	〒	→	←	↑	↓	=	KK
	81AE	2230	0	1	2	3	4	5	6	7	8	9	€	≡	≡	≡	≡	≡
	81BE	2240	U	∩									∧	∨	→	⇄	∇	
	81CE	2250	∩												∠	⊥	∩	∂
	81DE	2260	∇	≡	≡	<<	>>	√	∞	∞	∴	∫	∫					
	81EE	2270		Å	%	#	b	♯	♯	♯	♯	♯						○
	823F	2320		(財)	(株)	(特)	(学)	(祭)	(呼)	(後)	(企)	(医)	(協)	(名)	(宗)	(労)	(学)	(有)
	824F	2330	0	1	2	3	4	5	6	7	8	9	(株)	(社)	(監)	(會)	(財)	"
英語	825F	2340		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	826F	2350		P	Q	R	S	T	U	V	W	X	Y	Z				
	8280	2360		a	b	c	d	e	f	g	h	i	j	k	l	m	n	o
	8290	2370		p	q	r	s	t	u	v	w	x	y	z				
ひらがな	829E	2420		あ	い	う	え	お	か	が	き	く						
	82AE	2430		ぐ	げ	ご	ざ	じ	ず	せ	そ	た						
	82BE	2440		だ	ち	っ	つ	て	と	な	に	ぬ	ね	の	は			
	82CE	2450		ば	び	び	ぶ	べ	べ	ほ	ぼ	ま	み					
	82DE	2460		む	め	も	や	ゆ	よ	ら	り	る	ろ	わ				
82EE	2470		ゐ	ゑ	を	ん	づ											
カタカナ	833F	2520		ア	イ	ウ	エ	オ	カ	ガ	キ	ク						
	834F	2530		グ	ゲ	ゴ	ザ	ジ	ズ	セ	ソ	タ						
	835F	2540		ダ	チ	ツ	テ	ト	ナ	ニ	ネ	ノ	ハ					
	836F	2550		バ	ビ	ブ	ヘ	ベ	ホ	ボ	マ	ミ						
	8380	2560		ム	メ	モ	ヤ	ユ	ヨ	ラ	リ	ル	ロ	ワ				
8390	2570		ヰ	ヱ	ヰ	ヱ	ヰ	ヱ	ヰ	ヱ	ヰ	ヱ	ヰ	ヱ	ヰ	ヱ	ヰ	ヱ
ギリシャ	839E	2620		A	B	Γ	Δ	E	Z	H	Θ	I	K	Λ	M	N	Ξ	O
	83AE	2630		Π	P	Σ	T	Υ	Φ	X	Ψ	Ω						
	83BE	2640		α	β	γ	δ	ε	ζ	η	θ	ι	κ	λ	μ	ν	ξ	ο
	83CE	2650		π	ρ	σ	τ	υ	φ	χ	ψ	ω						
記号	83DE	2660		∫	=	—	:	:										
	83EE	2670	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩	∩

※本コード表は簡略的なシンボルであり、プリンタの実際の印字結果を表すものではないのでコード表と印字結果が異なる場合がある。

	シフトJIS	JIS	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
ロシア	843F	2720		А	Б	В	Г	Д	Е	Ё	Ж	З	И	Й	К	Л	М	Н
	844F	2730	О	П	Р	С	Т	У	Ф	Х	Ц	Ч	Ш	Щ	Ъ	Ы	Ь	Э
	845F	2740	Ю	Я														
	846F	2750		а	б	в	г	д	е	ё	ж	з	и	й	к	л	м	н
	8480	2760	о	п	р	с	т	у	ф	х	ц	ч	ш	щ	ъ	ы	ь	э
	8490	2770	ю	я														
記号	849E	2820		二	丨	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂
	84AE	2830	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂
	84BE	2840	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂
	84CE	2850	、	。’	’	’	’	’	’	’	’	’	’	’	’	’	’	’
	84DE	2860	、	。	’	’	’	’	’	’	’	’	’	’	’	’	’	’
	84EE	2870	イ	ウ	エ	オ	ヤ	ユ	ヨ	ツ	ワ	カ	ケ					
あ	889E	3020		亜	啞	娃	阿	哀	愛	挨	始	逢	葵	茜	穉	惡	握	渥
	88AE	3030	旭	葦	芦	鱒	梓	庄	幹	扱	宛	姐	虻	飴	絢	綾	鮎	或
	88BE	3040	粟	裕	安	庵	按	暗	案	闇	鞍	杏						
い	88BE	3040											以	伊	位	依	偉	困
	88CE	3050	夷	委	威	尉	惟	意	慰	易	椅	為	畏	異	移	維	緯	胃
	88DE	3060	萎	衣	謂	違	遺	医	井	亥	域	育	郁	磯	一	壹	溢	逸
	88EE	3070	稻	茨	芋	鱒	允	印	咽	員	因	姻	引	飲	淫	胤	陰	
	893F	3120		院	陰	隱	韻	吋										
う	893F	3120						右	宇	烏	羽	迂	雨	卯	鷓	窺	丑	
	894F	3130	碓	白	渦	噓	唄	鬱	蔚	鰻	姥	廐	浦	瓜	閨	樽	云	運
	895F	3140	雲															
え	895F	3140		荏	餌	叡	營	嬰	影	映	曳	榮	永	泳	洩	瑛	盈	穎
	896F	3150	穎	英	衛	詠	銳	液	疫	益	馱	悅	謁	越	閱	馱	厭	円
	8980	3160	園	堰	奄	宴	延	怨	掩	援	沿	演	炎	焰	煙	燕	猿	縁
	8990	3170	艶	苑	園	遠	鉛	鴛	塩									
お	8990	3170							於	汚	甥	凹	央	奥	往	応		
	899E	3220		押	旺	横	欧	殴	王	翁	襖	薦	鷓	黄	岡	沖	荻	億
	89AE	3230	屋	憶	臆	桶	牡	乙	俺	卸	恩	温	穩	音				
か	89AE	3230													下	化	仮	何
	89BE	3240	伽	伽	佳	加	可	嘉	夏	嫁	家	寡	科	暇	果	架	歌	河
	89CE	3250	火	珂	禍	禾	稼	箇	花	苛	茄	荷	華	菓	蝦	課	嘩	貨
	89DE	3260	迦	過	霞	蚊	俄	峨	我	牙	画	臥	芽	蛾	賀	雅	餓	駕
	89EE	3270	介	会	解	回	塊	塊	廻	快	怪	悔	恢	懷	戒	拐	改	
	8A3F	3320	魁	晦	械	海	灰	界	皆	絵	芥	蟹	開	階	貝	凱	劾	





シフトJIS	JIS	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
8CBE	3840				乎	個	古	呼	固	姑	孤	己	庫	弧	戸	故	枯
8CCE	3850	湖	狐	糊	袴	股	胡	菰	虎	誇	跨	鈷	雇	顧	鼓	五	互
8CDE	3860	伍	午	呉	吾	娛	後	御	悟	梧	檣	瑚	碁	語	誤	護	酬
8CEE	3870	乞	鯉	交	佼	侯	候	倖	光	公	功	効	勾	厚	口	向	
8D3F	3920		后	喉	坑	垢	好	孔	孝	宏	工	巧	巷	幸	広	庚	康
8D4F	3930	弘	恒	慌	抗	拘	控	攻	昂	晃	更	杭	校	梗	構	江	洪
8D5F	3940	浩	港	溝	甲	皇	硬	稿	糠	紅	紘	絞	綱	耕	考	肯	肱
8D6F	3950	腔	膏	航	荒	行	衡	講	貢	購	郊	酵	鉞	砒	鋼	閣	降
8D80	3960	項	香	高	鴻	剛	劫	号	合	壕	拷	濠	豪	轟	翹	克	刻
8D90	3970	告	国	穀	酷	鵠	黑	獄	漉	腰	甌	忽	惚	骨	狛	込	
8D9E	3A20		此	頃	今	困	坤	壘	婚	恨	懇	昏	昆	根	梱	混	痕
8DAE	3A30	紺	良	魂													
8DAE	3A30				些	佐	又	峻	嵯	左	差	查	沙	磋	砂	詐	鎖
8DBE	3A40	淩	坐	座	挫	債	催	再	最	哉	塞	妻	宰	彩	才	採	栽
8DCE	3A50	歲	濟	災	采	犀	碎	碧	祭	斎	細	菜	裁	載	際	劑	在
8DDE	3A60	材	罪	財	冴	坂	阪	堺	柵	肴	咲	崎	埼	碕	鷺	作	削
8DEE	3A70	咋	搾	昨	朔	柵	窄	策	索	錯	桜	鮭	笹	匙	冊	刷	
8E3F	3B20		察	拶	撮	札	殺	薩	雜	阜	鯖	捌	鏹	鮫	皿	晒	
8E4F	3B30	三	傘	參	山	慘	撒	散	棧	燦	珊	産	算	纂	蚕	讚	贊
8E5F	3B40	酸	餐	斬	暫	殘											
8E5F	3B40					仕	仔	伺	使	刺	司	史	嗣	四	士	始	
8E6F	3B50	姉	姿	子	屍	市	師	志	思	指	支	孜	斯	施	旨	枝	止
8E80	3B60	死	氏	獅	社	私	糸	紙	紫	肢	脂	至	視	詞	詩	試	誌
8E90	3B70	諮	資	賜	雌	飼	齒	事	似	侍	兒	字	寺	慈	持	時	
8E9E	3C20		次	滋	治	爾	璽	痔	磁	示	而	耳	自	時	辭	汐	鹿
8EAE	3C30	式	識	鳴	竺	軸	宍	霽	七	叱	執	失	嫉	室	悉	湿	漆
8EBE	3C40	疾	質	実	蔀	篠	僂	柴	芝	屢	蕊	縞	舍	写	射	捨	赦
8ECE	3C50	斜	煮	社	紗	者	謝	車	遮	蛇	邪	借	勺	尺	杓	灼	爵
8EDE	3C60	酌	积	錫	若	寂	弱	惹	主	取	守	手	朱	殊	狩	珠	種
8EEE	3C70	腫	趣	酒	首	儒	受	呪	寿	授	樹	綬	需	囚	収	周	
8F3F	3D20		宗	就	州	修	愁	拾	洲	秀	秋	終	繡	習	臭	舟	菟
8F4F	3D30	衆	襲	讐	蹴	輯	週	酋	酬	集	醜	什	住	充	十	從	戎
8F5F	3D40	柔	汁	洪	獸	縱	重	銃	叔	夙	宿	淑	祝	縮	束	塾	熟
8F6F	3D50	出	術	述	俊	峻	春	瞬	竣	舜	駿	准	循	旬	楯	殉	淳
8F80	3D60	準	潤	盾	純	巡	遵	醇	順	処	初	所	暑	曙	渚	庶	緒
8F90	3D70	署	書	薯	諸	諸	助	叙	女	序	徐	恕	鋤	除	傷	償	

	シフトJIS	JIS	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
し	8F9E	3E20		勝	匠	升	召	哨	商	唱	嘗	獎	妾	娼	宵	將	小	少
	8FAE	3E30	尚	庄	床	廠	彰	承	抄	招	掌	捷	昇	昌	昭	晶	松	梢
	8FBE	3E40	樟	樵	沼	消	涉	湘	燒	焦	照	症	省	硝	礁	祥	称	章
	8FCE	3E50	笑	粧	紹	肖	苜	蔣	蕉	衝	裳	訟	証	詔	詳	象	賞	醬
	8FDE	3E60	鈺	鍾	鐘	障	鞘	上	丈	丞	乘	冗	剩	城	場	壤	嬢	常
	8FEE	3E70	情	擾	条	杖	淨	状	豊	穰	蒸	讓	釀	錠	囁	埴	飾	
	903F	3F20		拭	植	殖	燭	織	職	色	触	食	蝕	辱	尻	伸	信	侵
	904F	3F30	唇	娠	寢	審	心	慎	振	新	晋	森	榛	浸	深	申	疹	真
	905F	3F40	神	秦	紳	臣	芯	薪	親	診	身	辛	進	針	農	人	仁	刃
	906F	3F50	塵	壬	尋	甚	尽	賢	訊	迅	陣							
す	906F	3F50											筍	諏	須	酢	凶	厨
	9080	3F60	逗	吹	垂	帥	推	水	炊	睡	粹	翠	衰	遂	醉	錐	錘	隨
	9090	3F70	瑞	髓	崇	嵩	数	枢	趨	雛	据	杉	相					
	909E	4020		澄	摺	寸												
せ	909E	4020					世	瀬	畝	是	凄	制	勢	姓	征	性	成	政
	90AE	4030	整	星	晴	棲	栖	正	清	牲	生	盛	精	聖	声	製	西	誠
	90BE	4040	誓	請	浙	醒	青	静	齐	税	脆	隻	席	惜	戚	斥	昔	析
	90CE	4050	石	積	籍	績	脊	責	赤	跡	蹟	碩	切	拙	接	撰	折	設
	90DE	4060	窃	節	説	雪	絶	舌	蝉	仙	先	千	占	宣	専	尖	川	戦
	90EE	4070	扇	撰	栓	梅	泉	浅	洗	染	潜	煎	煽	旋	穿	箭	線	
	913F	4120		織	羨	腺	舛	船	薦	詮	賤	踐	選					
	914F	4130	前	善	漸	然	全	禪	繕	膳	糲							
そ	914F	4130										噌	塑	岨	措	會	曾	楚
	915F	4140	狙	疏	疎	礎	祖	租	粗	素	組	蘇	訴	阻	溯	鼠	僧	創
	916F	4150	双	叢	倉	喪	壯	奏	爽	宋	層	叵	惣	想	搜	掃	挿	搔
	9180	4160	操	早	曹	巢	槍	槽	漕	燥	争	瘦	相	窓	糟	総	綜	聡
	9190	4170	草	莊	葬	蒼	藻	装	走	送	遭	鎗	霜	騷	像	増	憎	
	919E	4220		臆	蔵	贈	造	促	側	則	即	息	捉	束	測	足	速	俗
	91AE	4230	属	賊	族	続	卒	袖	其	揃	存	孫	尊	損	村	遜		
た	91AE	4230															他	多
	91BE	4240	太	汰	訛	唾	墮	妥	惰	打	柁	舵	楳	陀	駄	驛	体	堆
	91CE	4250	対	耐	岱	帯	待	怠	態	戴	替	泰	滯	胎	腿	苔	袋	貸
	91DE	4260	退	逮	隊	黛	鯛	代	台	大	第	醜	題	鷹	滝	瀧	卓	啄
	91EE	4270	宅	托	扱	拓	沢	濯	琢	託	鐸	濁	諾	茸	珮	蛸	只	
	923F	4320		叩	但	達	辰	奪	脱	異	豎	汕	棚	谷	狸	鱈	樽	誰
	924F	4330	丹	单	嘆	坦	担	探	旦	歎	淡	淇	炭	短	端	筭	綻	耽
	925F	4340	胆	蛋	誕	鍛	団	壇	彈	断	暖	檀	段	男	談			

	シフトJIS	JIS	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
ち	925F	4340														値	知	地
	926F	4350	弛	恥	智	池	痴	稚	置	致	蜘	遲	馳	築	畜	竹	筑	蓄
	9280	4360	逐	秩	窒	茶	嫡	着	中	仲	宙	忠	抽	昼	柱	注	虫	表
	9290	4370	註	耐	鑄	駐	樗	瀦	猪	苧	著	貯	丁	兆	凋	喋	寵	
	929E	4420		帖	帳	庁	吊	張	彫	徵	懲	挑	暢	朝	潮	牒	町	眺
	92AE	4430	聰	脹	腸	蝶	調	課	超	跳	銚	長	頂	鳥	勅	抄	直	朕
	92BE	4440	沈	珍	賃	鎮	陳											
つ	92BE	4440						津	墜	椎	槌	追	鎚	痛	通	塚	梅	搦
	92CE	4450	槻	佃	漬	柘	辻	薦	綴	鍔	椿	漬	坪	壺	孀	紬	爪	吊
	92DE	4460	釣	鶴														
て	92DE	4460			亭	低	停	偵	剃	貞	呈	堤	定	帝	底	庭	廷	弟
	92EE	4470	悌	抵	挺	提	梯	汀	碇	禎	程	締	艇	訂	諦	蹄	遞	
	933F	4520		邸	鄭	釘	鼎	泥	摘	擢	敵	滴	的	笛	適	鐫	溺	哲
	934F	4530	徹	撤	轍	迭	鉄	典	墳	天	展	店	添	纏	甜	貼	転	顛
	935F	4540	点	伝	殿	澱	田	電										
と	935F	4540						兎	吐	堵	塗	妬	屠	徒	斗	杜	渡	
	936F	4550	登	菟	賭	途	都	鍍	砥	砺	努	度	土	奴	怒	倒	党	冬
	9380	4560	凍	刀	唐	塔	塘	套	宕	島	嶋	悼	投	搭	東	桃	拷	棟
	9390	4570	盜	淘	湯	涛	灯	燈	当	痘	禱	等	答	筒	糖	統	到	
	939E	4620		董	蕩	藤	討	騰	豆	踏	逃	透	鐙	陶	頭	騰	鬪	働
	93AE	4630	動	同	堂	導	懂	撞	洞	瞳	童	胴	萄	道	銅	峠	鴉	匿
	93BE	4640	得	德	澆	特	督	禿	篤	毒	独	読	栃	椽	凸	突	椽	届
	93CE	4650	鳶	苦	寅	酉	瀨	噸	屯	惇	敦	沌	豚	遁	頓	吞	曇	鈍
な	93DE	4660	奈	那	内	乍	凧	雍	謎	灘	捺	鍋	槽	馴	繩	嚙	南	楠
	93EE	4670	軟	難	汝													
に	93EE	4670				二	尼	弑	迹	匂	賑	肉	虹	廿	日	乳	入	
	943F	4720		如	尿	菲	任	妊	忍	認								
ぬ	943F	4720									濡							
	943F	4720									襦	祢	寧	葱	猫	熱	年	
ね	944F	4730	念	捻	撚	燃	粘											
	944F	4730						乃	迺	之	埜	囊	惱	濃	納	能	腦	膿
の	945F	4740	農	視	蚤													
	945F	4740				巴	把	播	霸	杷	波	派	琶	破	婆	罵	芭	馬
は	946F	4750	俳	糜	拜	排	敗	杯	盃	牌	背	肺	輩	配	倍	培	媒	梅
	9480	4760	榎	煤	狽	買	売	賠	陪	這	蠅	秤	矧	菽	伯	剥	博	拍

	シフトJIS	JIS	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
は	9490	4770	柏	泊	白	箔	粕	舶	薄	迫	曝	漠	爆	縛	莫	駁	麥	
	949E	4820		函	箱	裕	箸	肇	箸	櫨	幡	肌	畑	畠	八	鉢	澆	癸
	94AE	4830	醜	髮	伐	罰	技	筏	閥	鳩	嘶	塙	蛤	隼	伴	判	半	反
	94BE	4840	叛	帆	搬	斑	板	汜	汎	版	犯	班	畔	繁	般	藩	販	範
	94CE	4850	采	煩	頒	飯	挽	晩	番	盤	磐	蕃	蛮					
ひ	94CE	4850											匪	卑	否	妃	庇	
	94DE	4860	彼	悲	扉	批	披	斐	比	泌	疲	皮	碑	秘	緋	罷	肥	被
	94EE	4870	誹	費	避	非	飛	樋	籟	備	尾	微	枇	毘	毘	眉	美	
	953F	4920		鼻	柎	稗	匹	疋	髭	彦	膝	菱	肘	弼	必	畢	筆	逼
	954F	4930	桧	姫	媛	紐	百	謬	佞	彪	標	氷	漂	瓢	票	表	評	豹
	955F	4940	廟	描	病	秒	苗	錨	鋸	蒜	蛭	鱸	品	彬	斌	浜	瀕	貧
	956F	4950	竇	頻	敏	瓶												
ふ	956F	4950					不	付	埠	夫	婦	富	富	布	府	怖	敷	
	9580	4960	斧	普	浮	父	符	腐	膚	芙	譜	負	賦	赴	阜	附	撫	
	9590	4970	武	舞	葡	蕪	部	封	楓	風	葺	露	伏	副	復	幅	墳	
	959E	4A20		福	腹	複	覆	淵	弗	弘	沸	仏	物	鮪	分	吻	墳	
	95AE	4A30	憤	扮	焚	奮	粉	糞	紛	雰	文	聞						
へ	95AE	4A30											丙	併	兵	塀	幣	平
	95BE	4A40	弊	柄	並	蔽	閉	陛	米	頁	僻	壁	癖	碧	別	幣	蔑	篋
	95CE	4A50	偏	變	片	篇	編	辺	返	遍	便	勉	婉	弁	鞭			
ほ	95CE	4A50														保	舗	舗
	95DE	4A60	圃	捕	歩	甫	補	輔	穂	募	墓	慕	戊	暮	母	簿	菩	倣
	95EE	4A70	俸	包	呆	報	奉	宝	峰	峯	崩	庖	抱	捧	放	方	朋	
	963F	4B20		法	泡	烹	砲	縫	胞	芳	萌	蓬	蜂	褒	訪	豊	邦	鋒
	964F	4B30	飽	鳳	鵬	乏	亡	傍	剖	坊	妨	帽	忘	忙	房	暴	望	某
	965F	4B40	棒	冒	紡	肪	膨	謀	貌	貿	銜	防	吠	頰	北	僕	卜	墨
	966F	4B50	撲	朴	牧	睦	穆	鈎	勃	沒	殆	堀	幌	奔	本	翻	凡	盆
ま	9680	4B60	摩	磨	魔	麻	埋	妹	昧	枚	每	哩	楨	幕	膜	枕	鮪	枉
	9690	4B70	鱒	糲	亦	俣	又	抹	末	沫	迄	佟	繭	曆	万	慢	滿	
	969E	4C20		漫	蔓													
み	969E	4C20				味	未	魅	巳	箕	岬	密	蜜	湊	蓑	稔	脈	妙
	96AE	4C30	耗	民	眠													
む	96AE	4C30				務	夢	無	牟	矛	霧	鷗	棕	婿	娘			
	96AE	4C30														冥	名	命
も	96BE	4C40	明	盟	迷	銘	鳴	姪	牝	滅	免	棉	綿	緬	面	麵		
	96BE	4C40															摸	模
	96CE	4C50	茂	妄	孟	毛	猛	盲	網	耗	蒙	儲	木	默	目	杳	勿	餅
	96DE	4C60	尤	戾	粉	貫	問	悶	紋	門	父							

	シフトJIS	JIS	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
や	96DE	4C60											也	冶	夜	爺	耶	野	弥
	96EE	4C70	矢	厄	役	約	藥	訳	躍	靖	柳	藪	鏹						
ゆ	96EE	4C70											愉	愈	油	癒			
	973F	4D20		諭	輸	唯	佑	優	勇	友	宥	幽	悠	憂	損	有	柚	湧	
	974F	4D30	涌	猶	猷	由	祐	裕	誘	遊	邑	郵	雄	融	夕				
よ	974F	4D30														予	余	与	
	975F	4D40	誉	輿	預	傭	幼	妖	容	庸	揚	搖	擁	曜	楊	樣	洋	溶	
	976F	4D50	熔	用	窯	羊	耀	葉	蓉	要	謠	踊	遙	陽	養	慾	抑	欲	
	9780	4D60	沃	浴	翌	翼	淀												
ら	9780	4D60						羅	螺	裸	來	萊	賴	雷	洛	絡	落	酪	
	9790	4D70	乱	卵	嵐	欄	濫	藍	蘭	覽									
り	9790	4D70									利	吏	履	李	梨	理	璃		
	979E	4E20		痢	裏	裡	里	離	陸	律	率	立	莅	掠	略	劉	溜		
	97AE	4E30	琉	留	硫	粒	隆	竜	龍	侶	慮	旅	虜	了	亮	僚	兩		
	97BE	4E40	寮	料	梁	涼	獮	療	瞭	稜	糧	良	諒	遼	量	陵	領		
	97CE	4E50	綠	倫	厘	林	淋	熾	琳	臨	輪	隣	麟						
る	97CE	4E50													瑠	墨	淚	累	
	97DE	4E60	類																
れ	97DE	4E60		令	伶	例	冷	勵	嶺	伶	玲	礼	苓	鈴	隸	零	靈	麗	
	97EE	4E70	齡	曆	歷	列	劣	烈	裂	廉	戀	憐	漣	煉	簾	練	聯		
	983F	4F20		蓮	連	鍊													
ろ	983F	4F20					呂	魯	櫓	炉	賂	路	露	勞	婁	廊	弄	朗	
	984F	4F30	樓	榔	浪	漏	牢	狼	籠	老	蠶	蠟	郎	六	麓	祿	肋	録	
	985F	4F40	論																
わ	985F	4F40		倭	和	話	歪	賄	脇	惑	榨	鷲	互	亘	鰐	詫	藁	蕨	
	986F	4F50	椀	灣	碗	腕													
一	989E	5020		式	丐	丕													
丨	989E	5020					个	卩											
丶	989E	5020							、	井									
丿	989E	5020							丿	乂	乖	乘							
乙	989E	5020											亂						
丿	989E	5020														丿	豫	爭	
	98AE	5030	舒																
二	98AE	5030		式	于	亞	亟												
一	98AE	5030					一	亢	京	臺	臺								

	シフトJIS	JIS	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
人	98AE	5030											从	仍	仄	仆	仆	仗
	98BE	5040	仞	仞	仞	价	伉	佚	估	佛	佝	佗	佇	佶	侈	侏	侘	佻
	98CE	5050	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗
	98DE	5060	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗
	98EE	5070	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗	侗
	993F	5120		僉	僉	僉	僉	僉	僉	僉	僉	僉	僉	僉	僉	僉	僉	僉
	994F	5130	僉	僉	僉	僉	僉	僉	僉	僉	僉	僉	僉	僉	僉	僉	僉	僉
几	994F	5130										儿	兀	兒	兌	兔	競	競
入	995F	5140	兩	兪														
八	995F	5140			兮	冀												
冂	995F	5140					冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂
冂	995F	5140													一	冤	冠	冢
	996F	5150	寫	冢														
丷	996F	5150			丷	決	互	冲	冰	况	冽	涸	凉	凜				
几	996F	5150													几	處	夙	凭
	9980	5160	凰															
凵	9980	5160		凵	凵													
刀	9980	5160			刃	刊	刌	刌	刌	刌	刌	刌	刌	刌	刌	刌	刌	刌
	9990	5170	劊	剔	剪	剗	剩	荅	剗	剗	剗	剗	剗	剗	剗	剗	剗	剗
	999E	5220		辨														
力	999E	5220		勗	勗	勗	勗	勗	勗	勗	勗	勗	勗	勗	勗	勗	勗	勗
	99AE	5230	勗															
勹	99AE	5230		勹	勹	勹	勹	勹	勹	勹	勹	勹	勹	勹	勹	勹	勹	勹
匕	99AE	5230									匕							
匚	99AE	5230										匚	匚	匚	匚	匚	匚	
匚	99AE	5230															匚	區
十	99BE	5240	卅	卅	卅	卅	卅	卅	卅	卅	卅	卅	卅	卅	卅	卅	卅	卅
卜	99BE	5240							卜									
冂	99BE	5240							冂	危	夕	卻	卷					
厂	99BE	5240												厂	厖	厖	厦	
	99CE	5250	厥	厥	厥													
厶	99CE	5250			厶	參	篡											
又	99CE	5250						雙	叟	曼	燮							
口	99CE	5250											叮	叨	叭	叭	吁	咩
	99DE	5260	呀	听	吭	吼	吮	呐	吩	吝	呖	咏	呵	咎	呖	呖	呖	呖

















	シフトJIS	JIS	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
言	E64F	6B30																訃
	E65F	6B40	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃
	E66F	6B50	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃
	E680	6B60	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃
	E690	6B70	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃
	E69E	6C20		訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃	訃
谷	E69E	6C20																訃
	E6AE	6C30	訃															訃
豆	E6AE	6C30		訃	訃	訃	訃											
豕	E6AE	6C30						豕	豕	豕								
豸	E6AE	6C30								豸	豸	豸	豸	豸	豸	豸	豸	豸
	E6BE	6C40	豸	豸	豸													
貝	E6BE	6C40				賤	賤	賤	賤	賤	賤	賤	賤	賤	賤	賤	賤	賤
	E6CE	6C50	賤	賤	賤	賤	賤	賤	賤	賤	賤	賤	賤	賤	賤	賤	賤	賤
赤	E6CE	6C50																赧
	E6DE	6C60	赧															
走	E6DE	6C60		走	走	走	走											
足	E6DE	6C60						趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾
	E6EE	6C70	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾
	E73F	6D20		趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾
	E74F	6D30	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾	趾
身	E74F	6D30												躬	躬	躬	躬	躬
	E75F	6D40	躬	躬														
車	E75F	6D40			軛	軛	軛	軛	軛	軛	軛	軛	軛	軛	軛	軛	軛	軛
	E76F	6D50	軛	軛	軛	軛	軛	軛	軛	軛	軛	軛	軛	軛	軛	軛	軛	軛
	E780	6D60	軛	軛	軛													
辛	E780	6D60				辛	辛	辛	辛									
辶	E780	6D60									辶	辶	辶	辶	辶	辶	辶	辶
	E790	6D70	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶
	E79E	6E20		辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶
	E7AE	6E30	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶	辶
邑	E7AE	6E30								邨	邨	邨	邨	邨	邨	邨	邨	邨
	E7BE	6E40	邨	邨	邨	邨												
酉	E7BE	6E40					酉	酉	酉	酉	酉	酉	酉	酉	酉	酉	酉	酉
	E7CE	6E50	酉	酉	酉	酉	酉	酉	酉	酉	酉	酉	酉	酉	酉	酉	酉	酉
采	E7CE	6E50								采	采							







		GB	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
一區	A1	A1A0			、	。	·	ˉ	˘	¨	〃	々	一	～		…	‘	’	
		A1B0	“	”	(	)	<	>	《	》	「	」	『	』	【	】			
		A1C0	±	×	÷	:	∧	∨	Σ	Π	U	∩	∈	::	√	⊥	//	∠	
		A1D0	∩	⊙	∫	♯	≡	≈	≈	∞	≠	≠	≠	≤	≥	∞	∴		
		A1E0	∴	♂	♀	°	′	″	°C	\$	⊙	⊙	£	%	§	No	☆	★	
		A1F0	○	●	◎	◇	◆	□	■	△	▲	※	→	←	↑	↓	≡		
一區	A2	A2A0		i	ii	iii	iv	v	vi	vii	viii	ix	x						
		A2B0		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	
		A2C0	16.	17.	18.	19.	20.	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
		A2D0	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	①	②	③	④	⑤	⑥	⑦	
		A2E0	⑧	⑨	⑩	€		(-)	(=)	(≡)	(四)	(五)	(六)	(七)	(八)	(九)	(十)		
		A2F0		I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII				
一區	A3	A3A0		!	"	#	¥	%	&	'	(	)	*	+	,	-	.	/	
		A3B0	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?	
		A3C0	@	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
		A3D0	P	Q	R	S	T	U	V	W	X	Y	Z	[	\	]	^	_	
		A3E0	`	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	
		A3F0	p	q	r	s	t	u	v	w	x	y	z	{		}			
一區	A4	A4A0		あ	い	う	え	お	か	が	き	ぎ	く						
		A4B0	ぐ	け	げ	こ	ご	さ	ざ	し	じ	ず	ず	せ	ぜ	そ	ぞ	た	
		A4C0	だ	ち	ぢ	っ	つ	づ	て	で	と	ど	な	に	ぬ	ね	の	は	
		A4D0	ば	ぱ	ひ	び	び	ふ	ぶ	ぶ	へ	べ	べ	ほ	ぼ	ぼ	ま	み	
		A4E0	む	め	も	や	や	ゆ	ゆ	よ	よ	ら	り	る	れ	ろ	わ	わ	
		A4F0	ゐ	ゑ	を	ん													
一區	A5	A5A0		ア	イ	ウ	エ	オ	カ	ガ	キ	ギ	ク						
		A5B0	グ	ケ	ゲ	コ	ゴ	サ	ザ	シ	ジ	ズ	ズ	セ	ゼ	ソ	ゾ	タ	
		A5C0	ダ	チ	ヂ	ツ	ツ	ヅ	テ	デ	ト	ド	ナ	ニ	ヌ	ネ	ノ	ハ	
		A5D0	バ	パ	ヒ	ビ	ビ	フ	ブ	ブ	ヘ	ベ	ベ	ホ	ボ	ボ	マ	ミ	
		A5E0	ム	メ	モ	ヤ	ヤ	ユ	ユ	ヨ	ヨ	ラ	リ	ル	レ	ロ	ワ	ワ	
		A5F0	ヰ	ヱ	ヲ	ン	ヴ	カ	ケ										
一區	A6	A6A0		A	B	Γ	Δ	E	Z	H	Θ	I	K	Λ	M	N	Ξ	O	
		A6B0	Π	P	Σ	T	T	Φ	X	Ψ	Ω								
		A6C0		α	β	γ	δ	ε	ζ	η	θ	ι	κ	λ	μ	ν	ξ	ο	
		A6D0	π	ρ	σ	τ	υ	φ	χ	ψ	ω	’	˘	˙	˚	˛	˜	˝	
		A6E0	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	
		A6F0	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	⌒	

※本コード表は簡略的なシンボルであり、プリンタの実際の印字結果を表すものではないのでコード表と印字結果が異なる場合がある。

		GB	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
一区	A7	A7A0		А	Б	В	Г	Д	Е	Ё	Ж	З	И	Й	К	Л	М	Н
		A7B0	О	П	Р	С	Т	У	Ф	Х	Ц	Ч	Ш	Щ	Ъ	Ы	Ь	Э
		A7C0	Ю	Я														
		A7D0		а	б	в	г	д	е	ё	ж	з	и	й	к	л	м	н
		A7E0	о	п	р	с	т	у	ф	х	ц	ч	ш	щ	ъ	ы	ь	э
		A7F0	ю	я														
一区	A8	A8A0		ā	á	ǎ	à	ē	é	ě	è	ī	í	ǐ	ì	ō	ó	ǒ
		A8B0	ò	ū	ú	ǔ	ù	ū	ú	ǔ	ù	ü	ê	α	ín	ń	ñ	ñ
		A8C0	g				勺	夕	冂	匚	勹	去	勹	勹	勹	勹	勹	勹
		A8D0	亅	勹	勹	勹	勹	勹	勹	勹	勹	勹	勹	勹	勹	勹	勹	勹
		A8E0	幺	又	马	与	九	厶	儿	丨	乂	凵						
		A8F0																
一区	A9	A9A0					一	一	丨	丨	---	---	丨	丨	---	---	丨	丨
		A9B0	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂
		A9C0	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂
		A9D0	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂
		A9E0	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂	冂
		A9F0																
二区	B0	B0A0		啊	阿	埃	挨	哎	唉	哀	皑	癌	蔼	矮	艾	碍	爱	隘
		B0B0	鞍	氨	安	俺	按	暗	岸	胺	案	肮	昂	盎	凹	敖	熬	翱
		B0C0	袄	傲	奥	懊	澳	芭	捌	扒	叭	吧	笆	八	疤	巴	拔	跋
		B0D0	靶	把	耙	坝	霸	罢	爸	白	柏	百	摆	佰	败	拜	裨	斑
		B0E0	班	搬	扳	般	颁	板	版	扮	拌	伴	瓣	半	办	絆	邦	帮
		B0F0	梆	榜	膀	绑	棒	磅	蚌	镑	傍	谤	苞	胞	包	褒	剥	
二区	B1	B1A0		薄	雹	保	堡	饱	宝	抱	报	暴	豹	鲍	爆	杯	碑	悲
		B1B0	卑	北	辈	背	贝	钡	倍	狈	备	惫	焙	被	奔	苯	本	笨
		B1C0	崩	绷	甬	泵	蹦	迸	逼	鼻	比	鄙	笔	彼	碧	蓖	蔽	毕
		B1D0	毙	毙	币	庇	痹	闭	敝	弊	必	辟	壁	臂	避	陛	鞭	边
		B1E0	编	贬	扁	便	变	卞	辨	辩	辩	遍	标	彪	膘	表	瞥	憋
		B1F0	别	瘪	彬	斌	濒	滨	宾	宾	兵	冰	柄	丙	秉	饼	炳	
二区	B2	B2A0		病	并	玻	菠	播	拨	钵	波	博	勃	搏	铂	箔	伯	帛
		B2B0	舶	脖	膊	渤	泊	驳	捕	卜	哺	补	埠	不	布	步	簿	部
		B2C0	怖	擦	猜	裁	材	才	财	睬	睬	采	彩	菜	蔡	餐	参	蚕
		B2D0	残	惭	惨	灿	苍	舱	仓	沧	藏	操	糙	槽	曹	草	厕	策
		B2E0	侧	册	测	层	蹭	插	叉	茬	茶	查	碴	搽	察	岔	差	詫
		B2F0	拆	柴	豺	搀	掺	蝉	馋	馋	缠	铲	产	阐	颤	昌	猖	

		GB	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
二区	B3	B3A0		场	尝	常	长	偿	肠	厂	敞	畅	唱	倡	超	抄	钞	朝	
		B3B0	嘲	潮	巢	吵	炒	车	扯	撤	掣	彻	澈	郴	臣	辰	尘	晨	
		B3C0	忱	沉	陈	趁	衬	撑	称	城	橙	成	呈	乘	程	惩	澄	诚	
		B3D0	承	逞	骋	秤	吃	痴	持	匙	池	迟	弛	驰	耻	齿	侈	尺	
		B3E0	赤	翅	斥	炽	充	冲	虫	崇	宠	抽	酬	畴	踌	稠	愁	筹	
		B3F0	仇	绸	瞅	丑	臭	初	出	橱	厨	躇	锄	雏	滁	除	楚		
二区	B4	B4A0		础	储	矗	搐	触	处	揣	川	穿	椽	传	船	喘	串	疮	
		B4B0	窗	幢	床	闯	创	吹	炊	捶	锤	垂	春	椿	醇	唇	淳	纯	
		B4C0	蠢	戳	绰	疵	茨	磁	雌	辞	慈	瓷	词	此	刺	赐	次	聪	
		B4D0	葱	囱	匆	从	丛	凑	粗	醋	簇	促	蹿	篡	窜	摧	崔	催	
		B4E0	脆	瘁	粹	淬	翠	村	存	寸	磋	撮	搓	措	挫	错	搭	达	
		B4F0	答	瘩	打	大	呆	歹	傣	戴	带	殆	代	贷	袋	待	逮		
二区	B5	B5A0		怠	眈	担	丹	单	郸	掸	胆	旦	氮	但	惮	淡	诞	弹	
		B5B0	蛋	当	挡	党	荡	档	刀	捣	蹈	倒	岛	祷	导	到	稻	悼	
		B5C0	道	盗	德	得	的	蹬	灯	登	等	瞪	凳	邓	堤	低	滴	迪	
		B5D0	敌	笛	狄	涤	翟	嫡	抵	底	地	蒂	第	帝	弟	递	缔	颠	
		B5E0	掂	滇	碘	点	典	靛	垫	电	佃	甸	店	惦	奠	淀	殿	碉	
		B5F0	刁	雕	凋	刁	掉	吊	钓	调	跌	爹	碟	蝶	迭	谍	叠		
二区	B6	B6A0		丁	叮	叮	钉	顶	鼎	锭	定	订	丢	东	冬	董	懂	动	
		B6B0	栋	侗	恫	冻	洞	兜	抖	斗	陡	豆	逗	痘	都	督	毒	犊	
		B6C0	独	读	堵	睹	赌	杜	镀	肚	度	渡	妒	端	短	锻	段	断	
		B6D0	缎	堆	兑	队	对	墩	吨	蹲	敦	顿	囤	钝	盾	遁	掇	哆	
		B6E0	多	夺	垛	躲	朵	跺	舵	剁	惰	堕	蛾	峨	鹅	俄	额	讹	
		B6F0	娥	恶	厄	扼	遏	鄂	饿	恩	而	儿	耳	尔	饵	洱	二		
二区	B7	B7A0		贰	发	罚	筏	伐	乏	阀	法	珐	藩	帆	番	翻	樊	矾	
		B7B0	钒	繁	凡	烦	反	返	范	贩	犯	饭	泛	坊	芳	方	肪	房	
		B7C0	防	妨	仿	访	纺	放	菲	非	啡	飞	肥	匪	诽	吠	肺	废	
		B7D0	沸	费	芬	吩	氛	分	纷	坟	焚	汾	粉	奋	份	忿	愤		
		B7E0	粪	丰	封	枫	峰	锋	风	疯	烽	逢	冯	缝	讽	奉	凤		
		B7F0	佛	否	夫	敷	肤	孵	扶	拂	辐	幅	氟	符	伏	俘	服		
二区	B8	B8A0		浮	涪	福	袱	弗	甫	抚	辅	俯	釜	斧	脯	腑	府	腐	
		B8B0	赴	副	覆	赋	复	傅	付	阜	父	腹	负	富	讣	附	妇	缚	
		B8C0	咐	噤	嘎	该	改	概	钙	盖	溉	干	甘	杆	柑	竿	肝	赶	
		B8D0	感	秆	敢	赣	冈	刚	钢	缸	肛	纲	岗	港	杠	篙	皋	高	
		B8E0	膏	羔	糕	搞	搞	稿	告	哥	歌	搁	戈	鸽	胳	疙	割	革	
		B8F0	葛	格	蛤	阁	隔	铬	个	各	给	根	跟	耕	更	庚	羹		

		GB	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
二区	B9	B9A0		埂	耿	梗	工	攻	功	恭	龚	供	躬	公	宫	弓	巩	汞
		B9B0	拱	贡	共	钩	勾	沟	苟	狗	垢	枸	购	够	辜	菇	咕	箍
		B9C0	估	沽	孤	姑	鼓	古	蛊	骨	谷	股	故	顾	固	雇	刮	瓜
		B9D0	刷	寡	挂	褂	乖	拐	怪	棺	关	官	冠	观	管	馆	罐	惯
		B9E0	灌	贯	光	广	逛	瑰	规	圭	硅	归	龟	闺	轨	鬼	诡	癸
		B9F0	桂	柜	跪	贵	刽	辊	滚	棍	锅	郭	国	果	裹	过	哈	
二区	BA	BAA0		骸	孩	海	亥	害	骇	酣	憨	邯	韩	含	涵	寒	函	
		BAB0	喊	罕	翰	撼	捍	旱	憾	悍	焊	汗	汉	夯	杭	航	壕	嚎
		BAC0	豪	毫	郝	好	耗	号	浩	呵	喝	荷	荷	核	禾	和	何	合
		BAD0	盒	貉	阉	河	涸	赫	褐	鹤	贺	嘿	黑	痕	很	狠	恨	哼
		BAE0	亨	横	衡	恒	轰	哄	虹	鸿	洪	宏	弘	红	喉	侯	猴	
		BAF0	吼	厚	候	后	呼	乎	忽	瑚	壶	葫	胡	蝴	狐	糊	湖	
二区	BB	BBA0		弧	虎	唬	护	互	沪	户	花	哗	华	猾	滑	画	划	化
		BBB0	话	槐	徊	怀	淮	坏	欢	环	桓	还	缓	换	患	唤	痪	豢
		BBC0	焕	涣	宦	幻	荒	慌	黄	磺	蝗	簧	皇	凰	惶	煌	晃	幌
		BBD0	恍	谎	灰	挥	辉	恢	徊	回	毁	悔	慧	卉	惠	晦	贿	
		BBE0	秽	会	烩	汇	讳	悔	绘	荤	昏	婚	魂	浑	混	豁	活	伙
		BBF0	火	获	或	惑	霍	货	祸	击	圾	基	机	畸	稽	积	箕	
二区	BC	BCA0		肌	饥	迹	激	讥	鸡	姬	绩	缉	吉	极	棘	辑	籍	集
		BCB0	及	急	疾	汲	即	嫉	级	挤	几	脊	己	薊	技	冀	季	伎
		BCC0	祭	剂	悸	济	寄	寂	计	记	既	忌	际	妓	继	纪	嘉	枷
		BCD0	夹	佳	家	加	荚	颊	贾	甲	钾	假	稼	价	架	驾	嫁	歼
		BCE0	监	坚	尖	笺	间	煎	兼	肩	艰	奸	缠	茧	检	柬	碱	硷
		BCF0	拣	捡	简	俭	剪	减	荐	槛	鉴	践	贱	见	键	箭	件	
二区	BD	BDA0		健	舰	剑	饯	渐	溅	涧	建	僵	姜	将	浆	江	疆	蒋
		BDB0	浆	奖	讲	匠	酱	降	蕉	椒	礁	焦	胶	交	郊	浇	骄	娇
		BDC0	嚼	搅	较	矫	侥	脚	狡	角	皎	缴	绞	剿	教	酵	轿	较
		BDD0	叫	窖	揭	接	皆	秸	街	阶	截	劫	节	桔	杰	捷	睫	竭
		BDE0	洁	结	解	姐	戒	藉	芥	界	借	介	疥	诫	届	巾	筋	斤
		BDF0	金	今	津	襟	紧	锦	仅	谨	进	靳	晋	禁	近	烬	浸	
二区	BE	BEA0		尽	劲	荆	兢	茎	睛	晶	鲸	京	惊	精	粳	经	井	警
		BEB0	景	颈	静	境	敬	镜	径	痉	靖	竟	净	炯	窘	揪	究	
		BEC0	纠	玖	韭	久	灸	九	酒	厥	救	旧	臼	舅	咎	就	疚	鞠
		BED0	拘	狙	疽	居	驹	菊	局	咀	矩	举	沮	聚	拒	据	巨	具
		BEE0	距	踞	锯	俱	句	惧	炬	剧	捐	鹃	娟	倦	眷	卷	绢	撅
		BEF0	攫	抉	掘	倔	爵	觉	决	诀	绝	均	菌	钧	军	君	峻	

		GB	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
二区	BF	BFA0		俊	竣	浚	郡	骏	喀	咖	卡	咯	开	揩	楷	凯	慨	刊
		BFB0	堪	勘	坎	砍	看	康	慷	糠	扛	抗	亢	炕	考	拷	烤	靠
		BFC0	坷	苛	柯	棵	磕	颗	科	壳	咳	可	渴	克	刻	客	课	肯
		BFD0	啃	垦	恳	坑	吭	空	恐	孔	控	扼	口	扣	寇	枯	哭	窟
		BFE0	苦	酷	库	裤	夸	垮	跨	胯	块	筷	佻	快	宽	款	匡	
		BFF0	筐	狂	框	矿	眶	旷	况	亏	盔	岗	窥	葵	奎	魁	傀	
二区	C0	C0A0		馈	愧	溃	坤	昆	捆	困	括	扩	廓	阔	垃	拉	喇	蜡
		C0B0	腊	辣	啦	莱	来	赖	蓝	婪	栏	拦	篮	阑	兰	澜	澜	揽
		C0C0	览	懒	缆	烂	滥	琅	榔	狼	廊	郎	朗	浪	捞	劳	牢	老
		C0D0	佬	姥	酪	烙	涝	勒	乐	雷	镭	蕾	磊	累	儡	垒	擂	肋
		C0E0	类	泪	棱	楞	冷	厘	梨	犁	黎	篱	狸	离	漓	理	李	里
		C0F0	鲤	礼	莉	荔	吏	栗	丽	厉	励	砾	历	利	栗	例	俐	
二区	C1	C1A0		痢	立	粒	沥	隶	力	璃	哩	俩	联	莲	连	镰	廉	怜
		C1B0	涟	帘	敛	脸	链	恋	炼	练	粮	凉	梁	粱	良	两	辆	量
		C1C0	晾	亮	谅	撩	聊	僚	疗	燎	寥	辽	潦	了	撂	僚	廖	料
		C1D0	列	裂	烈	劣	猎	琳	林	磷	霖	临	邻	鳞	淋	凛	赁	吝
		C1E0	拎	玲	菱	零	龄	铃	伶	玲	凌	灵	陵	岭	领	另	令	溜
		C1F0	琉	榴	硫	溜	留	刘	瘤	流	柳	六	龙	聋	咙	笼	窿	
二区	C2	C2A0		隆	垄	拢	陇	楼	娄	搂	篓	漏	陋	芦	卢	颅	庐	炉
		C2B0	掬	卤	虏	鲁	麓	碌	露	路	赂	鹿	潞	禄	录	陆	戮	驴
		C2C0	吕	铝	侣	旅	履	屡	缕	虑	氯	律	率	滤	绿	峦	挛	挛
		C2D0	滦	卵	乱	掠	略	抡	伦	仑	沦	纶	论	萝	螺	罗	逻	
		C2E0	锣	箩	骡	裸	落	洛	络	妈	麻	玛	码	蚂	马	骂	嘛	
		C2F0	吗	埋	买	麦	卖	迈	脉	瞞	慢	蛮	满	蔓	曼	慢	漫	
二区	C3	C3A0		漫	芒	茫	盲	氓	忙	莽	猫	茅	锚	毛	矛	柳	卯	茂
		C3B0	冒	帽	貌	贸	么	玫	枚	梅	酶	霉	煤	没	眉	媒	镁	每
		C3C0	美	昧	寐	妹	媚	门	闷	们	萌	蒙	檬	盟	猛	猛	梦	孟
		C3D0	眯	醜	靡	糜	迷	谜	弥	米	秘	觅	泌	蜜	密	幕	棉	眠
		C3E0	绵	冕	免	勉	娩	緬	面	苗	描	瞄	藐	秒	渺	庙	妙	蔑
		C3F0	灭	民	抿	皿	敏	悯	闽	明	螟	鸣	铭	名	命	谬	摸	
二区	C4	C4A0		摹	磨	模	膜	磨	摩	魔	抹	末	莫	墨	默	沫	漠	寞
		C4B0	陌	谋	牟	某	拇	牡	亩	姆	母	墓	暮	幕	募	慕	木	目
		C4C0	睦	牧	穆	拿	哪	呐	那	娜	纳	氛	乃	奶	耐	奈	南	
		C4D0	男	难	囊	挠	脑	恼	闹	淖	呢	馁	内	嫩	能	妮	霓	倪
		C4E0	泥	尼	拟	你	匿	腻	逆	溺	鳘	拈	年	碾	撵	捻	念	娘
		C4F0	酿	鸟	尿	捏	聂	孽	啮	镊	镍	涅	您	柠	狞	凝	宁	

		GB	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
二区	C5	C5A0		拧	泞	牛	扭	钮	纽	脓	浓	农	弄	奴	努	怒	女	暖
		C5B0	虐	疟	挪	懦	糯	诺	哦	欧	鸥	殴	藕	呕	偶	沏	哧	趴
		C5C0	爬	帕	怕	琶	拍	排	牌	徘徊	湃	派	攀	潘	盘	磐	盼	畔
		C5D0	判	叛	乓	庞	旁	榜	胖	抛	咆	刨	炮	袍	跑	泡	坯	胚
		C5E0	培	裴	赔	陪	配	佩	沛	喷	盆	砰	抨	烹	澎	彭	蓬	棚
		C5F0	硼	篷	膨	朋	鹏	捧	碰	坯	砒	霹	批	披	劈	毳	毗	
二区	C6	C6A0		啤	脾	疲	皮	匹	痞	僻	屁	譬	篇	偏	片	骗	瓢	漂
		C6B0	瓢	票	撇	瞥	拼	频	贫	品	聘	乒	坪	苹	萍	平	凭	瓶
		C6C0	评	屏	坡	泼	颇	婆	破	魄	迫	粕	剖	扑	铺	仆	莆	葡
		C6D0	菩	蒲	埔	朴	圃	浦	谱	曝	瀑	期	欺	栖	戚	妻	七	
		C6E0	凄	漆	柒	沏	其	棋	奇	歧	畦	崎	脐	齐	旗	祈	祁	骑
		C6F0	起	岂	乞	企	启	契	砌	器	气	迄	弃	汽	泣	迄	掐	
二区	C7	C7A0		恰	洽	牵	扞	钎	铅	千	迁	签	仟	谦	乾	黔	钱	钳
		C7B0	前	潜	遣	浅	谴	塹	嵌	欠	歉	枪	呛	腔	羌	墙	蔷	强
		C7C0	抢	橇	锹	敲	悄	桥	瞧	乔	侨	巧	鞘	撬	翘	峭	俏	窍
		C7D0	切	茄	且	怯	窃	钦	侵	亲	秦	琴	勤	芹	擒	禽	寝	沁
		C7E0	青	轻	氢	倾	卿	清	擎	晴	氩	情	顷	请	庆	琼	穷	秋
		C7F0	丘	邱	球	求	囚	酋	沕	趋	区	蛆	曲	躯	屈	驱	渠	
二区	C8	C8A0		取	娶	龇	趣	去	圈	颧	权	醛	泉	全	痊	拳	犬	券
		C8B0	劝	缺	快	瘸	却	鹊	榷	确	雀	裙	群	然	燃	冉	染	瓢
		C8C0	壤	攘	嚷	让	饶	扰	绕	惹	热	壬	仁	人	忍	韧	任	认
		C8D0	刃	妊	纫	扔	仍	戎	茸	蓉	荣	融	熔	溶	容	绒	冗	
		C8E0	揉	柔	肉	茹	蠕	儒	孺	如	辱	乳	汝	入	褥	软	阮	蕊
		C8F0	瑞	锐	闰	润	若	弱	撒	洒	萨	腮	鳃	塞	赛	三	叁	
二区	C9	C9A0		伞	散	桑	嗓	丧	搔	骚	扫	嫂	瑟	色	涩	森	僧	莎
		C9B0	砂	杀	刹	沙	纱	傻	啥	煞	筛	晒	珊	苦	杉	山	删	煽
		C9C0	衫	闪	陕	擅	赡	膳	善	汕	扇	缮	墒	伤	商	赏	晌	上
		C9D0	尚	裳	梢	捎	稍	烧	芍	勺	韶	少	哨	邵	绍	奢	赊	蛇
		C9E0	舌	舍	赦	摄	射	慑	涉	社	设	呻	申	呻	伸	身	深	娠
		C9F0	绅	神	沈	审	婶	甚	肾	慎	渗	声	生	甥	牲	升	绳	
二区	CA	CAA0		省	盛	剩	胜	圣	师	失	狮	施	湿	诗	尸	虱	十	石
		CAB0	拾	时	什	食	蚀	实	识	史	矢	使	屎	驶	始	式	示	士
		CAC0	世	柿	事	拭	誓	逝	势	是	嗜	噬	适	仕	侍	释	饰	氏
		CAD0	市	恃	室	视	试	收	手	首	守	寿	授	售	受	瘦	兽	蔬
		CAE0	枢	梳	殊	抒	输	叔	舒	淑	疏	书	赎	孰	熟	薯	暑	曙
		CAF0	署	蜀	黍	鼠	属	术	述	树	束	戍	豎	墅	庶	数	漱	

		GB	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
二区	CB	CBA0		恕	刷	耍	摔	衰	甩	帅	栓	拴	霜	双	爽	谁	水	睡
		CBB0	税	吮	瞬	顺	舜	说	硕	朔	烁	斯	撕	嘶	思	私	司	丝
		CBC0	死	肆	寺	嗣	四	伺	似	伺	巳	松	耸	忒	颂	送	宋	讼
		CBD0	诵	搜	艘	擞	嗽	苏	酥	俗	素	速	粟	僂	塑	溯	宿	诉
		CBE0	肃	酸	蒜	算	虽	隋	随	绥	髓	碎	岁	穗	遂	隧	崇	孙
		CBF0	损	笋	蓑	梭	唆	缩	琐	索	锁	所	塌	他	它	她	塔	
二区	CC	CCA0		獭	挞	蹋	踏	胎	苔	抬	台	泰	汰	太	态	汰	坍	摊
		CCB0	贪	瘫	滩	坛	檀	痰	潭	谭	谈	坦	毯	袒	碳	探	叹	炭
		CCC0	汤	塘	搪	堂	棠	膛	唐	糖	倘	躺	淌	趟	烫	掏	涛	滔
		CCD0	缘	萄	桃	逃	淘	陶	讨	套	特	藤	腾	疼	誊	梯	剔	踢
		CCE0	梯	提	题	蹄	啼	体	替	嚏	惕	涕	剃	屈	天	添	填	田
		CCF0	甜	恬	舔	腆	挑	条	迢	眺	跳	贴	铁	帖	厅	听	炆	
二区	CD	CDA0		汀	廷	停	亭	庭	挺	艇	通	桐	酮	瞳	同	铜	彤	童
		CDB0	桶	捅	筒	统	痛	偷	投	头	透	凸	秃	突	图	徒	途	涂
		CDC0	屠	土	吐	兔	湍	团	推	颓	腿	蜕	褪	退	吞	屯	臀	拖
		CDD0	托	脱	鸵	陀	驮	驼	椭	妥	拓	唾	挖	蛙	洼	娃	瓦	
		CDE0	袜	歪	外	腕	弯	湾	玩	顽	丸	烷	完	碗	挽	晚	惋	
		CDF0	宛	婉	万	腕	汪	王	亡	枉	网	往	旺	望	忘	妄	威	
二区	CE	CEA0		巍	微	危	韦	违	桅	围	唯	惟	为	淮	维	苇	萎	委
		CEB0	伟	伪	尾	纬	未	蔚	味	畏	胃	喂	魏	位	渭	谓	尉	慰
		CEC0	卫	瘟	温	蚊	文	闻	纹	吻	稳	紊	问	喻	翁	瓮	挝	蜗
		CED0	渴	窝	我	斡	卧	握	沃	巫	呜	鸪	乌	污	诬	屋	芜	
		CEE0	梧	吾	吴	毋	武	五	捂	午	舞	伍	侮	坞	戊	雾	晤	物
		CEF0	勿	务	悟	误	昔	熙	析	西	硒	矽	晰	嘻	吸	锡	牺	
二区	CF	CFA0		稀	息	希	悉	膝	夕	惜	熄	烯	溪	汐	犀	檄	袭	席
		CFB0	习	媳	喜	洗	洗	系	隙	戏	细	瞎	匣	霞	辖	暇	峡	
		CFC0	侠	狭	下	厦	夏	吓	掀	锨	先	仙	鲜	纤	咸	贤	衔	舷
		CFD0	闲	涎	弦	嫌	显	险	现	献	县	腺	馅	羨	宪	陷	限	线
		CFE0	相	厢	镶	香	箱	襄	湘	乡	翔	祥	详	想	响	享	项	巷
		CFF0	橡	像	向	象	萧	硝	霄	削	哮	噐	销	消	宵	淆	晓	
二区	D0	DOA0		小	孝	校	肖	啸	笑	效	楔	些	歇	蝎	鞋	协	挟	携
		DOB0	邪	斜	胁	谐	写	械	卸	蟹	懈	泄	泻	谢	屑	薪	芯	铤
		DOC0	欣	辛	新	忻	心	信	衅	腥	猩	惺	兴	刑	型	形	邢	
		DOD0	行	醒	幸	杏	性	姓	兄	凶	胸	匈	汹	雄	熊	休	修	羞
		DOE0	朽	嗅	锈	秀	袖	绣	墟	戍	需	虚	嘘	须	徐	许	蓄	酗
		DOF0	叙	旭	序	畜	恤	絮	婿	绪	续	轩	喧	宣	悬	旋	玄	



		GB	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
二区	D1	D1A0		选	癣	眩	绚	靴	薛	学	穴	雪	血	勋	熏	循	旬	询	
		D1B0	寻	驯	巡	殉	汛	训	讯	逊	迅	压	押	鸦	鸭	呀	丫	芽	
		D1C0	牙	蚜	崖	衙	涯	雅	哑	亚	讶	焉	咽	阉	烟	淹	盐	严	
		D1D0	研	颀	岩	延	言	颜	阎	炎	沿	奄	掩	眼	衍	演	艳	堰	
		D1E0	燕	厌	砚	雁	唁	彦	焰	宴	谚	验	殃	央	鸯	秧	杨	扬	
		D1F0	佯	痒	羊	洋	阳	氧	仰	痒	养	样	漾	邀	腰	妖	瑶		
二区	D2	D2A0		摇	尧	遥	窑	谣	姚	咬	舀	药	要	耀	椰	噎	耶	爷	
		D2B0	野	冶	也	页	掖	业	叶	曳	腋	夜	液	一	壹	医	揖	钰	
		D2C0	依	伊	衣	颐	夷	遗	移	仪	胰	疑	沂	宜	姨	彝	椅	蚁	
		D2D0	倚	己	乙	矣	以	艺	抑	易	邑	屹	亿	役	臆	逸	肄	疫	
		D2E0	亦	裔	意	毅	忆	义	益	溢	诣	议	谊	译	异	翼	翌	绎	
		D2F0	茵	荫	因	殷	音	阴	姻	吟	银	淫	寅	饮	尹	引	隐		
二区	D3	D3A0		印	英	樱	婴	鹰	应	纓	莹	萤	营	荧	蝇	迎	赢	盈	
		D3B0	影	颖	硬	映	哟	拥	佣	臃	庸	雍	踊	蛹	咏	泳	涌		
		D3C0	永	愿	勇	用	幽	优	悠	忧	尤	由	邮	铀	犹	油	游	酉	
		D3D0	有	友	右	佑	釉	诱	又	幼	迂	淤	于	孟	榆	虞	愚	舆	
		D3E0	余	俞	逾	鱼	愉	渝	渔	隅	予	娱	雨	与	屿	禹	宇	语	
		D3F0	羽	玉	域	芋	郁	吁	遇	喻	峪	御	愈	欲	狱	育	誉		
二区	D4	D4A0		浴	寓	裕	预	豫	驭	鸳	渊	冤	元	垣	袁	原	援	辕	
		D4B0	园	员	圆	猿	源	缘	远	苑	愿	怨	院	曰	约	越	跃	钥	
		D4C0	岳	粤	月	悦	阅	耘	云	邨	匀	陨	允	运	蕴	酝	晕	韵	
		D4D0	孕	匝	砸	杂	栽	哉	灾	宰	载	再	在	咱	攒	暂	赞	赃	
		D4E0	脏	葬	遭	糟	凿	藻	枣	早	澡	蚤	躁	噪	造	皂	灶	燥	
		D4F0	责	择	则	泽	贼	怎	增	憎	曾	赠	扎	喳	渣	札	轧		
二区	D5	D5A0		侧	阉	眨	栅	榨	咋	乍	炸	诈	摘	斋	宅	窄	债	寨	
		D5B0	瞻	毡	詹	粘	沾	盏	斩	辗	崭	展	蘸	栈	占	战	站	湛	
		D5C0	绽	樟	章	彰	漳	张	掌	涨	杖	丈	帐	账	仗	胀	瘴	障	
		D5D0	招	昭	找	沼	赵	照	罩	兆	肇	召	遮	折	哲	蛰	辙	者	
		D5E0	锺	蔗	这	浙	珍	斟	真	甄	砧	臻	贞	针	侦	枕	疹	诊	
		D5F0	震	振	镇	阵	蒸	挣	睁	征	诤	争	怔	整	拯	正	政		
二区	D6	D6A0		帧	症	郑	证	芝	枝	支	吱	蜘	知	肢	脂	汁	之	织	
		D6B0	职	直	植	殖	执	值	侄	址	指	止	趾	只	旨	纸	志	摺	
		D6C0	掷	至	致	置	帜	峙	制	智	秩	稚	质	炙	痔	滞	治	窒	
		D6D0	中	盅	忠	钟	衷	终	种	肿	重	仲	众	舟	周	州	洲	诒	
		D6E0	粥	轴	肘	帚	咒	皱	宙	昼	驟	珠	株	蛛	朱	猪	诸	诛	
		D6F0	逐	竹	烛	煮	拄	瞩	嘱	主	著	柱	助	蛀	贮	铸	筑		































		GB	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F		
三区	9A	9A40	𪗇	𪗈	𪗉	𪗊	𪗋	𪗌	𪗍	𪗎	𪗏	𪗐	𪗑	𪗒	𪗓	𪗔	𪗕	𪗖		
		9A50	𪗗	𪗘	𪗙	𪗚	𪗛	𪗜	𪗝	𪗞	𪗟	𪗠	𪗡	𪗢	𪗣	𪗤	𪗥	𪗦	𪗧	
		9A60	𪗨	𪗩	𪗪	𪗫	𪗬	𪗭	𪗮	𪗯	𪗰	𪗱	𪗲	𪗳	𪗴	𪗵	𪗶	𪗷	𪗸	
		9A70	𪗹	𪗺	𪗻	𪗼	𪗽	𪗾	𪗿	𪘀	𪘁	𪘂	𪘃	𪘄	𪘅	𪘆	𪘇	𪘈	𪘉	
		9A80	𪘊	𪘋	𪘌	𪘍	𪘎	𪘏	𪘐	𪘑	𪘒	𪘓	𪘔	𪘕	𪘖	𪘗	𪘘	𪘙	𪘚	
		9A90	𪘛	𪘜	𪘝	𪘞	𪘟	𪘠	𪘡	𪘢	𪘣	𪘤	𪘥	𪘦	𪘧	𪘨	𪘩	𪘪	𪘫	𪘬
		9AA0	𪘭	𪘮	𪘯	𪘰	𪘱	𪘲	𪘳	𪘴	𪘵	𪘶	𪘷	𪘸	𪘹	𪘺	𪘻	𪘼	𪘽	𪘾
		9AB0	𪘿	𪙀	𪙁	𪙂	𪙃	𪙄	𪙅	𪙆	𪙇	𪙈	𪙉	𪙊	𪙋	𪙌	𪙍	𪙎	𪙏	𪙐
		9AC0	𪙑	𪙒	𪙓	𪙔	𪙕	𪙖	𪙗	𪙘	𪙙	𪙚	𪙛	𪙜	𪙝	𪙞	𪙟	𪙠	𪙡	𪙢
		9AD0	𪙣	𪙤	𪙥	𪙦	𪙧	𪙨	𪙩	𪙪	𪙫	𪙬	𪙭	𪙮	𪙯	𪙰	𪙱	𪙲	𪙳	𪙴
		9AE0	𪙵	𪙶	𪙷	𪙸	𪙹	𪙺	𪙻	𪙼	𪙽	𪙾	𪙿	𪚀	𪚁	𪚂	𪚃	𪚄	𪚅	𪚆
		9AF0	𪚇	𪚈	𪚉	𪚊	𪚋	𪚌	𪚍	𪚎	𪚏	𪚐	𪚑	𪚒	𪚓	𪚔	𪚕	𪚖	𪚗	𪚘
三区	9B	9B40	𪚙	𪚚	𪚛	𪚜	𪚝	𪚞	𪚟	𪚠	𪚡	𪚢	𪚣	𪚤	𪚥	𪚦	𪚧	𪚨		
		9B50	𪚩	𪚪	𪚫	𪚬	𪚭	𪚮	𪚯	𪚰	𪚱	𪚲	𪚳	𪚴	𪚵	𪚶	𪚷	𪚸	𪚹	
		9B60	𪚺	𪚻	𪚼	𪚽	𪚾	𪚿	𪛀	𪛁	𪛂	𪛃	𪛄	𪛅	𪛆	𪛇	𪛈	𪛉	𪛊	
		9B70	𪛋	𪛌	𪛍	𪛎	𪛏	𪛐	𪛑	𪛒	𪛓	𪛔	𪛕	𪛖	𪛗	𪛘	𪛙	𪛚	𪛛	
		9B80	𪛜	𪛝	𪛞	𪛟	𪛠	𪛡	𪛢	𪛣	𪛤	𪛥	𪛦	𪛧	𪛨	𪛩	𪛪	𪛫	𪛬	
		9B90	𪛭	𪛮	𪛯	𪛰	𪛱	𪛲	𪛳	𪛴	𪛵	𪛶	𪛷	𪛸	𪛹	𪛺	𪛻	𪛼	𪛽	
		9BA0	𪛾	𪛿	𪜀	𪜁	𪜂	𪜃	𪜄	𪜅	𪜆	𪜇	𪜈	𪜉	𪜊	𪜋	𪜌	𪜍	𪜎	
		9BB0	𪜏	𪜐	𪜑	𪜒	𪜓	𪜔	𪜕	𪜖	𪜗	𪜘	𪜙	𪜚	𪜛	𪜜	𪜝	𪜞	𪜟	
		9BC0	𪜠	𪜡	𪜢	𪜣	𪜤	𪜥	𪜦	𪜧	𪜨	𪜩	𪜪	𪜫	𪜬	𪜭	𪜮	𪜯	𪜰	
		9BD0	𪜱	𪜲	𪜳	𪜴	𪜵	𪜶	𪜷	𪜸	𪜹	𪜺	𪜻	𪜼	𪜽	𪜾	𪜿	𪝀	𪝁	
		9BE0	𪝂	𪝃	𪝄	𪝅	𪝆	𪝇	𪝈	𪝉	𪝊	𪝋	𪝌	𪝍	𪝎	𪝏	𪝐	𪝑	𪝒	
		9BF0	𪝓	𪝔	𪝕	𪝖	𪝗	𪝘	𪝙	𪝚	𪝛	𪝜	𪝝	𪝞	𪝟	𪝠	𪝡	𪝢	𪝣	
三区	9C	9C40	𪝤	𪝥	𪝦	𪝧	𪝨	𪝩	𪝪	𪝫	𪝬	𪝭	𪝮	𪝯	𪝰	𪝱	𪝲	𪝳		
		9C50	𪝴	𪝵	𪝶	𪝷	𪝸	𪝹	𪝺	𪝻	𪝼	𪝽	𪝾	𪝿	𪞀	𪞁	𪞂	𪞃		
		9C60	𪞄	𪞅	𪞆	𪞇	𪞈	𪞉	𪞊	𪞋	𪞌	𪞍	𪞎	𪞏	𪞐	𪞑	𪞒	𪞓	𪞔	
		9C70	𪞕	𪞖	𪞗	𪞘	𪞙	𪞚	𪞛	𪞜	𪞝	𪞞	𪞟	𪞠	𪞡	𪞢	𪞣	𪞤	𪞥	
		9C80	𪞦	𪞧	𪞨	𪞩	𪞪	𪞫	𪞬	𪞭	𪞮	𪞯	𪞰	𪞱	𪞲	𪞳	𪞴	𪞵	𪞶	
		9C90	𪞷	𪞸	𪞹	𪞺	𪞻	𪞼	𪞽	𪞾	𪞿	𪟀	𪟁	𪟂	𪟃	𪟄	𪟅	𪟆	𪟇	
		9CA0	𪟈	𪟉	𪟊	𪟋	𪟌	𪟍	𪟎	𪟏	𪟐	𪟑	𪟒	𪟓	𪟔	𪟕	𪟖	𪟗	𪟘	
		9CB0	𪟙	𪟚	𪟛	𪟜	𪟝	𪟞	𪟟	𪟠	𪟡	𪟢	𪟣	𪟤	𪟥	𪟦	𪟧	𪟨	𪟩	
		9CC0	𪟪	𪟫	𪟬	𪟭	𪟮	𪟯	𪟰	𪟱	𪟲	𪟳	𪟴	𪟵	𪟶	𪟷	𪟸	𪟹	𪟺	
		9CD0	𪟻	𪟼	𪟽	𪟾	𪟿	𪠀	𪠁	𪠂	𪠃	𪠄	𪠅	𪠆	𪠇	𪠈	𪠉	𪠊	𪠋	
		9CE0	𪠌	𪠍	𪠎	𪠏	𪠐	𪠑	𪠒	𪠓	𪠔	𪠕	𪠖	𪠗	𪠘	𪠙	𪠚	𪠛	𪠜	
		9CF0	𪠝	𪠞	𪠟	𪠠	𪠡	𪠢	𪠣	𪠤	𪠥	𪠦	𪠧	𪠨	𪠩	𪠪	𪠫	𪠬	𪠭	













































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		30	31	32	33	34	35	36	37	38	39
8139	EE										止
8139	EF	丙	茂	个	丰	乂	肩	空	乞	乞	乞
8139	F0	乞	龟	孚	彡	彡	彡	彡	彡	彡	彡
8139	F1	曳	乱	考	考	彡	彡	彡	彡	彡	彡
8139	F2	斐	塾	廋	彡	彡	彡	彡	彡	彡	彡
8139	F3	册	夷	凶	亢	冂	襄	冂	冂	冂	冂
8139	F4	仇	仇	仔	佖	冂	冂	冂	冂	冂	冂
8139	F5	佩	佻	佻	佻	佻	佻	佻	佻	佻	佻
8139	F6	侏	佩	佻	佻	佻	佻	佻	佻	佻	佻
8139	F7	侏	俊	佻	佻	佻	佻	佻	佻	佻	佻
8139	F8	侏	侏	侏	侏	侏	侏	侏	侏	侏	侏
8139	F9	侏	侏	侏	侏	侏	侏	侏	侏	侏	侏
8139	FA	像	像	像	像	像	像	像	像	像	像
8139	FB	像	像	像	像	像	像	像	像	像	像
8139	FC	像	像	像	像	像	像	像	像	像	像
8139	FD	像	像	像	像	像	像	像	像	像	像
8139	FE	像	像	像	像	像	像	像	像	像	像
8230	81	儻	儻	儻	儻	儻	儻	儻	儻	儻	儻
8230	82	况	况	况	况	况	况	况	况	况	况
8230	83	况	况	况	况	况	况	况	况	况	况
8230	84	况	况	况	况	况	况	况	况	况	况
8230	85	况	况	况	况	况	况	况	况	况	况
8230	86	况	况	况	况	况	况	况	况	况	况
8230	87	况	况	况	况	况	况	况	况	况	况
8230	88	况	况	况	况	况	况	况	况	况	况
8230	89	况	况	况	况	况	况	况	况	况	况
8230	8A	况	况	况	况	况	况	况	况	况	况
8230	8B	况	况	况	况	况	况	况	况	况	况
8230	8C	况	况	况	况	况	况	况	况	况	况
8230	8D	况	况	况	况	况	况	况	况	况	况
8230	8E	况	况	况	况	况	况	况	况	况	况
8230	8F	况	况	况	况	况	况	况	况	况	况
8230	90	况	况	况	况	况	况	况	况	况	况

※本コード表は簡略的なシンボルであり、プリンタの実際の印字結果を表すものではないのでコード表と印字結果が異なる場合がある。





















































41 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	42 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
C9A0	×																CAA0	×	伽	佳	假	價	加	可	呵	哥	嘉	嫁	家	暇	架	枷	柯	
C9B0																	CAB0		歌	珂	痂	稼	苛	茄	街	袈	訶	賈	跏	軻	迦	駕	刻	却
C9C0																	CAC0		各	恪	慤	殼	珏	脚	覺	角	閣	侃	刊	墾	奸	姦	干	幹
C9D0																	CAD0		懇	揀	杆	束	桿	潤	痲	看	礪	稈	竿	簡	肝	艮	艱	諫
C9E0																	CAE0		間	芻	喝	曷	渴	碣	竭	葛	褐	竭	鞞	勘	坎	堪	嵌	感
C9F0															×		CAF0		憾	戡	敢	柑	橄	減	甘	疳	監	瞰	紺	邯	鑑	鑿	龕	×

43 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	44 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
CBA0	×	匣	岬	甲	胛	鉀	闌	剛	垇	姜	岡	崗	康	强	彊	慷	CCA0	×	臉	鈐	黔	劫	怯	迭	偈	憇	揭	擊	格	檄	激	膈	覘	
CBB0		江	暈	疆	糠	絳	綱	羌	腔	缸	薑	襁	講	鋼	降	鱧	CCB0		隔	堅	牽	犬	甄	絹	繭	肩	見	譴	遣	鶻	決	潔	結	
CBC0		价	個	凱	塏	愷	慨	改	概	漑	疥	皆	盖	箇	芥	蓋	CCC0		缺	訣	兼	慊	箝	謙	鉗	鎌	京	徑	傾	傲	勁	勅	卿	
CBD0		豈	鎧	開	喀	客	坑	更	梗	羹	釀	倨	去	居	巨	拒	CCD0		垇	境	庚	徑	慶	憬	擎	敬	景	暎	更	梗	涇	炅	炯	璟
CBE0		據	舉	渠	炬	祛	距	踞	車	遽	鉅	鋸	乾	件	健	巾	CCE0		墩	瓊	瘞	硬	磬	竟	競	綱	經	耕	耿	脛	莖	警	輕	逕
CBF0		愆	楨	臄	虔	蹇	鍵	騫	乞	傑	杰	桀	儉	劍	劔	檢	CCF0		鏡	頃	頸	驚	鯨	係	啓	堺	契	季	屆	悸	戒	桂	械	×

45 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	46 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
CDA0	×	槩	溪	界	癸	磳	稽	系	繫	繼	計	誠	谿	階	鷄	古	CEA0	×	科	菓	誇	課	跨	過	鍋	顆	廓	榔	藿	郭	串	冠	官	
CDB0		叩	告	呱	固	姑	孤	尻	庫	拷	攷	故	敲	髡	枯	槁	CEB0		寬	慣	棺	款	灌	琯	罐	管	觀	貫	關	館	刮	割	卦	
CDC0		痼	臯	辜	稿	羔	考	股	膏	苦	苾	菰	蠱	袴	誥	賈	CEC0		括	适	佻	光	匡	壙	廣	曠	洸	吹	狂	珙	眈	鑛	卦	
CDD0		辜	鎬	雇	顧	高	鼓	哭	斛	曲	梏	穀	谷	鵠	困	坤	CED0		掛	野	乖	傀	塊	壞	怪	愧	拐	槐	魁	宏	紘	肱	轟	交
CDE0		昆	梱	棍	滾	琨	袞	汨	滑	骨	供	公	共	功	孔	工	CEE0		僑	咬	喬	嬌	嶠	巧	攪	教	校	橋	狡	皎	矯	絞	翹	膠
CDF0		恐	恭	拱	控	攻	珙	空	蚣	貢	鞏	串	寡	戈	果	瓜	CEF0		蕎	蛟	較	驕	郊	餃	驕	鮫	丘	久	九	仇	俱	具	勾	×

47 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	48 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
CFA0	×	區	口	句	咎	嘔	坵	垢	寇	嘔	廐	懼	拘	救	枸	柁	DOA0	×	鬼	龜	叫	圭	奎	揆	槻	珪	珪	窺	竅	糾	葵	規	赴	
CFB0		構	歐	毆	毳	求	溝	灸	狗	玖	瞿	矩	究	絀	耇	臼	DOB0		達	閨	勻	均	吻	筠	菌	鈞	龜	橘	克	剋	劇	戟	極	
CFC0		舅	舊	苟	衢	謳	購	軀	逯	邱	鈎	鉢	駒	驅	鳩	鷗	DOC0		隙	僅	仞	勤	勸	斤	根	槿	瑾	筋	芹	董	覲	謹	近	謹
CFD0		國	局	菊	鞠	鞠	麴	君	窘	群	裙	軍	郡	堀	屈	掘	DOD0		契	今	矧	擒	吟	檣	琴	禁	禽	芹	衾	襟	金	錦	級	
CFE0		宮	弓	穹	窮	芎	躬	倦	券	勸	卷	圈	拳	捲	權	港	DOE0		及	急	扱	汲	級	給	亘	兢	矜	肯	企	伎	其	冀	嗜	器
CFF0		厥	獮	蕨	蹶	闕	机	櫃	潰	詭	軌	饋	旬	晷	歸	貴	DOF0		圻	基	埼	夔	奇	妓	寄	岐	崎	己	幾	忌	技	旗	旣	×

49区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	50区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
D1A0	×	朞	期	杞	棋	棄	機	欺	氣	汽	沂	淇	玘	琦	琪	璣	D2A0	×	納	臘	蠟	衲	囊	娘	廊	朗	浪	狼	郎	乃	來	內	奈
D1B0	璣	畸	畿	碁	磯	祁	祇	祈	祺	箕	紀	綺	羈	耆	機	肌	D2B0	奈	耐	冷	女	年	撚	季	念	恬	拈	捻	寧	甯	努	勞	奴
D1C0	記	譏	豈	起	錡	鎡	飢	饑	騎	騏	驥	麒	繫	佶	吉	拮	D2C0	弩	怒	擄	櫓	爐	璫	盧	老	蘆	虜	路	露	鴛	魯	鷺	碌
D1D0	桔	金	喫	儼	喇	奈	娜	懦	懶	拏	拿	癩	羅	蘿	螺	裸	D2D0	祿	綠	菘	錄	鹿	論	壘	弄	濃	籠	壘	膿	農	惱	牢	磊
D1E0	邏	那	樂	洛	烙	珞	落	諾	酪	駱	亂	卵	暖	欄	煖	爛	D2E0	腦	賂	雷	尿	壘	屢	樓	淚	漏	累	縷	陋	嫩	訥	杻	紐
D1F0	蘭	難	鸞	捏	捺	南	嵐	杓	楠	漚	濼	男	藍	檻	拉	×	D2F0	勒	肋	凜	凌	稜	綾	能	菱	陵	尼	泥	匿	溺	多	荼	×

51区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	52区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
D3A0	×	丹	亶	但	單	團	壇	豕	斷	旦	檀	段	湍	短	端	簞	D4A0	×	棹	櫂	淘	渡	滔	濤	燾	盜	睹	禱	稻	苟	覩	賭	跳
D3B0	緞	蛋	袒	鄆	鍛	撻	達	獮	疸	達	啖	坩	擔	曇	淡	D4B0	蹈	逃	途	道	都	鍍	陶	韜	毒	瀆	牘	犢	獨	督	禿	篤	
D3C0	湛	潭	澹	痰	聃	膽	蕓	覃	談	譚	談	杏	沓	答	踏	逖	D4C0	轟	讀	墩	惇	敦	吨	嗽	沌	焯	燉	豚	頓	亓	突	仝	冬
D3D0	唐	堂	塘	幢	戇	撞	棠	當	糖	螳	黨	代	岱	垲	大	對	D4D0	凍	動	同	懂	東	桐	棟	洞	潼	疼	瞳	童	胴	董	銅	兜
D3E0	岱	帶	待	戴	擡	玳	臺	袋	貸	隊	黛	宅	德	惠	倒	刀	D4E0	斗	杜	杜	痘	寶	荳	讀	豆	逗	頭	屯	臀	芑	遁	遞	鈍
D3F0	到	圖	堵	塗	導	屠	島	嶋	度	徒	悼	挑	掉	搗	桃	×	D4F0	得	嶝	橙	燈	登	等	藤	蔭	鄧	騰	喇	懶	孛	癩	羅	×

53区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	54区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
D5A0	×	蘿	螺	裸	邏	樂	洛	烙	珞	絡	落	諾	酪	駱	丹	亂	D6A0	×	煉	璉	練	聯	蓮	輦	連	鍊	冽	列	劣	洌	烈	裂	廉
D5B0	卵	欄	癩	瀾	爛	蘭	鸞	刺	辣	嵐	孽	攬	欖	濼	籃	纜	D6B0	斂	殮	濂	簾	獵	令	伶	囹	寧	岑	嶺	恰	玲	苓	矜	翎
D5C0	藍	檻	覽	拉	臘	蠟	廊	朗	浪	琅	瑯	瑯	螂	郎	來	峽	D6C0	聆	逞	鈴	零	靈	領	齡	例	禮	體	隸	勞	怒	撈	擄	祿
D5D0	徠	萊	冷	掠	略	亮	倆	兩	涼	梁	樑	糧	梁	糧	良	諒	D6D0	櫓	潞	瀘	爐	盧	老	蘆	虜	路	輅	露	魯	鷺	鹵	碌	祿
D5E0	輛	量	侶	儷	勵	呂	廬	慮	戾	旅	櫛	瀘	礪	藜	蠣	閭	D6E0	綠	菘	錄	鹿	麓	論	壘	弄	隴	隴	龍	籠	龔	儻	濼	牢
D5F0	驢	驪	麗	黎	力	曆	歷	瀝	磔	轢	靈	憐	戀	孿	漣	×	D6F0	磊	賂	賚	賴	雷	了	僚	寮	廖	料	燎	療	瞭	聊	蓼	×

55区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	56区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
D7A0	×	遼	鬧	龍	壘	婁	屢	樓	淚	漏	瘦	累	縷	婁	褸	鏤	D8A0	×	立	笠	粒	摩	瑪	痲	碼	磨	馬	魔	麻	寞	幕	漠	膜	
D7B0	陋	劉	旒	柳	榴	流	溜	瀏	琉	瑠	留	瘤	硫	謬	類	六	D8B0	莫	邈	万	卍	娩	鬱	鬱	慢	挽	晚	曼	滿	漫	灣	瞞	萬	
D7C0	戮	陸	命	倫	崙	淪	綸	輪	律	慄	栗	率	隆	勒	肋	凜	D8C0	蔓	蠻	輓	饅	鰻	恠	抹	未	沫	茱	襪	鞋	亡	妄	忘	忙	
D7D0	凌	楞	稜	綾	菱	陵	俚	利	厘	吏	喇	履	梛	李	梨	湮	D8D0	望	網	罔	芒	茫	莽	輞	邛	埋	妹	媒	寐	味	枚	梅	每	
D7E0	犁	狸	理	璃	異	痢	籬	罹	羸	莉	裏	裡	里	釐	離	鯉	D8E0	煤	罵	買	賣	邁	魅	脈	貊	陌	驀	麥	孟	氓	猛	盲	盟	
D7F0	吝	滌	磷	磷	藺	躡	隣	隣	麟	麟	林	淋	琳	臨	霖	砒	×	D8F0	萌	冪	覓	免	冕	勉	棉	沔	眇	眠	綿	緬	面	麵	滅	×

57 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	58 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
D9A0	×	蔑	冥	名	命	明	暝	楡	溟	皿	暝	茗	莢	螟	酪	銘	DAA0	×	汶	紊	紋	聞	蚊	門	雯	勿	沕	物	味	媚	尾	媚	彌
D9B0	鳴	袂	侮	冒	募	姆	帽	慕	摸	摹	暮	某	模	母	毛	牟	DAB0	微	未	梶	楣	羨	湄	眉	米	美	薇	謎	迷	靡	黷	岷	悶
D9C0	牡	瑁	眸	矛	耗	茅	謀	謨	貌	木	沐	牧	目	睦	穆	DAC0	愍	憫	敏	旻	旻	民	泯	玟	珉	縉	閔	密	蜜	謐	剝	博	
D9D0	鶩	歿	沒	夢	蒙	卯	墓	妙	廟	描	昴	杳	渺	猫	妙	DAD0	拍	搏	撲	朴	樸	泊	珀	璞	箔	粕	縛	膊	舶	薄	迫	雹	
D9E0	苗	錨	務	巫	撫	懋	戊	拇	撫	无	楸	武	毋	無	賦	畝	DAE0	駁	伴	半	反	叛	拌	搬	攀	斑	槃	泮	潘	班	畔	瘢	盤
D9F0	繆	舞	茂	蕪	誣	貿	霧	鷓	墨	默	們	勿	吻	問	文	×	DAF0	盼	磐	礮	礬	絆	般	蟠	返	頒	飯	勃	拔	撥	渤	潑	×

59 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	60 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
DBA0	×	發	跋	醜	鉢	髮	魅	倣	傍	坊	妨	龙	幫	彷彿	房	放	DCA0	×	碧	蕖	關	霹	便	卞	弁	變	辨	辯	邊	別	瞥	驚	鼈
DBB0	方	旁	昉	枋	榜	滂	紡	肪	膀	舫	芳	莠	蚌	訪	謗	DCB0	丙	併	兵	屏	并	晒	曷	柄	棟	炳	瓶	病	秉	竝	駢	餅	
DBC0	邦	防	龐	倍	俳	北	培	徘	拜	排	杯	湃	焙	盃	背	胚	DCC0	駢	保	堡	報	寶	普	步	沕	溱	潛	珣	甫	菩	補	襦	譜
DBD0	裴	裴	褻	賠	輩	配	陪	伯	佰	帛	柏	栢	白	百	魄	幡	DCD0	輔	伏	僕	匐	卜	宓	復	服	福	腹	苻	蔔	複	覆	輓	幅
DBE0	樊	煩	燔	番	幡	繁	蕃	藩	翻	伐	筏	罰	閥	凡	帆	梵	DCE0	馥	馥	本	叟	俸	奉	封	峯	峰	捧	棒	烽	烽	琫	縫	蓬
DBF0	汜	汎	泛	犯	範	范	法	珞	僻	劈	壁	擊	檠	璧	癖	×	DCF0	蜂	逢	鋒	鳳	不	付	俯	俯	剖	副	否	咐	埠	夫	婦	×

61 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	62 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
DDA0	×	孚	孵	富	府	復	扶	敷	斧	浮	溥	父	符	簿	缶	腐	DEA0	×	脾	臂	菲	蜚	裨	誹	譬	費	鄙	非	飛	鼻	噸	嬪	彬
ddb0	腑	膚	孵	芙	苻	訃	負	賦	賻	赴	趺	部	釜	阜	附	駙	DEB0	斌	檳	殯	浜	濱	瀕	牝	毗	貧	賓	頻	憑	水	聘	騁	乍
DDC0	臆	北	分	吩	噴	墳	奔	奮	忿	憤	扮	吩	汾	焚	盆	粉	DEC0	事	些	仕	伺	似	使	俟	僊	史	司	唆	嗣	四	士	奢	娑
DDD0	糞	紛	芬	賁	雰	不	佛	弗	佛	拂	崩	朋	棚	礪	繡	鵬	DED0	寫	寺	射	巳	師	徙	思	捨	斜	斯	栖	查	梭	死	沙	泗
DDE0	丕	備	匕	匪	卑	妃	婢	庇	悲	憊	扉	批	斐	枇	榧	比	DEE0	渣	瀉	獅	砂	社	祀	祠	私	篩	紗	絲	肆	舍	莎	蓑	蛇
DDF0	恣	毗	毘	沸	泌	毳	痺	砒	碑	秕	秘	秘	緋	翡	肥	×	DEF0	娑	詐	詞	謝	賜	赦	辭	邪	飼	駟	麝	削	數	朔	索	×

63 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	64 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
DFA0	×	傘	刪	山	散	汕	珊	產	疝	算	蒜	酸	霰	沓	撒	殺	EOA0	×	胥	舒	薯	西	誓	逝	鋤	黍	鼠	夕	爽	席	惜	昔	皙
DFB0	煞	薩	三	參	杉	森	滲	芟	蔘	衫	插	澁	鋌	颯	上	傷	EOB0	析	汐	浙	瀉	石	碩	蒹	釋	錫	仙	僊	先	善	嬋	宣	扇
DFC0	像	償	商	喪	嘗	孀	尙	峙	常	床	庠	廂	想	桑	橡	湘	EOC0	敵	旋	渲	煽	琿	瑄	璇	璿	癩	禪	線	繕	羨	腺	膳	船
DFD0	爽	牀	狀	相	祥	箱	翔	裳	觴	詳	象	賞	霜	塞	璽	賽	EOD0	薛	蟬	洗	跣	選	銑	鏞	饈	鮮	高	屑	楔	泄	洩	漑	舌
DFE0	嗇	塞	穢	索	色	牲	生	甥	省	笙	墅	壻	嶼	序	庶	徐	EOE0	薛	褻	設	說	雪	齧	剡	暹	穢	織	蟾	贍	閃	陝	攝	涉
DFF0	怨	杼	捷	絞	暑	曙	書	栖	棲	犀	瑞	筮	絮	緒	署	×	EOF0	變	葉	城	姓	成	性	惺	成	星	晟	猩	玳	盛	省	箴	×

65区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	66区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
E1A0	×	聖	聲	腥	誠	醒	世	勢	歲	洗	稅	笛	細	說	貫	召	E2A0	×	戍	手	授	搜	收	數	樹	殊	水	洙	漱	燧	狩	獸	琇
E1B0	嘯	塑	宵	小	少	巢	所	掃	搔	昭	梳	沼	消	溯	瀟	炤	E2B0	璩	瘦	睡	秀	穗	豎	粹	綏	綏	繡	羞	脩	茱	蒐	蓀	藪
E1C0	燒	甦	疏	疎	瘙	笑	篠	簫	素	紹	蔬	蕭	蘇	訴	迢	邈	E2C0	袖	誰	讐	輸	遂	邃	酬	銖	銹	隋	隧	隨	雖	需	須	首
E1D0	邵	銷	韶	騷	俗	屬	束	涑	粟	續	謾	贖	速	孫	巽	損	E2D0	髓	鬚	叔	塾	夙	孰	宿	淑	瀟	熟	瑒	壽	肅	菽	巡	徇
E1E0	蓀	遜	浪	率	宋	悚	松	淞	訟	誦	送	頌	刷	殺	灑	碎	E2E0	循	恂	旬	枸	楯	櫛	殉	洵	淳	珣	盾	瞬	筍	純	脣	舜
E1F0	鎖	衰	釗	修	受	嗽	囚	垂	壽	嫂	守	岫	岵	帥	愁	×	E2F0	荀	蕁	薜	詢	諄	醇	鎔	順	馴	戍	術	述	鉅	崇	崧	×

67区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	68区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
E3A0	×	嵩	瑟	膝	蝨	濕	拾	習	褶	襲	丞	乘	僧	勝	升	承	E4A0	×	沈	深	藩	甚	芯	謀	什	十	拾	雙	氏	亞	俄	兒	啞	
E3B0	昇	繩	蠅	陞	侍	匙	嘶	始	媿	尸	屎	屍	市	弑	恃	施	E4B0	娥	峨	我	牙	芽	莪	蛾	衙	訝	阿	雅	餓	鴉	鵝	聖	岳	
E3C0	是	時	柿	柴	猜	矢	示	翅	蒔	著	視	試	詩	諡	豕	豺	E4C0	嶽	幄	惡	愕	握	樂	渥	鄂	鏑	顎	鰐	鰓	安	岸	按	晏	
E3D0	埴	寔	式	息	拭	植	殖	混	熄	簷	蝕	識	軾	食	節	伸	E4D0	案	眼	雁	鞍	顏	鮫	幹	謁	軋	闕	唵	岩	巖	庵	暗	癌	
E3E0	侏	信	呻	娠	宸	愼	新	晨	燼	申	神	紳	腎	臣	莘	薪	E4E0	菴	閭	壓	押	狎	鴨	仰	央	快	昂	殃	殃	秧	鴛	厓	哀	埃
E3F0	薰	蜃	訊	身	辛	辰	迅	失	室	實	悉	審	尋	心	沁	×	E4F0	崖	愛	曖	涯	碍	艾	隘	靄	厄	扼	掖	液	縊	腋	額	×	

69区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	70区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
E5A0	×	櫻	譽	鶯	鸚	也	仰	冶	夜	惹	挪	椰	爺	耶	若	野	E6A0	×	旅	歟	汝	濾	璵	礪	礪	與	舂	茹	輿	輿	閭	餘	驪
E5B0	弱	掠	略	約	若	葯	蕩	藥	躍	亮	佯	兩	涼	壤	孃	恙	E6B0	麗	黎	亦	力	域	役	易	曆	歷	疫	繹	譯	轢	逆	驛	曠
E5C0	揚	攘	駁	賜	梁	楊	樣	洋	養	煬	痒	瘍	禳	穰	糧	羊	E6C0	堧	妍	娟	宴	年	延	憐	戀	捐	挺	撚	椽	沈	沿	涎	涓
E5D0	良	襄	諒	讓	釀	陽	量	養	囿	御	於	漁	痂	禦	語	馭	E6D0	淵	演	漣	烟	然	煙	煉	燃	燕	璉	研	硯	季	筵	緣	練
E5E0	魚	齏	億	憶	抑	憶	偃	堰	彥	焉	言	諺	孽	孽	藁	俺	E6E0	續	聯	衍	軟	輦	蓮	連	鉛	鍊	鳶	列	劣	咽	悅	涅	烈
E5F0	儼	嚴	奄	掩	淹	業	業	円	予	余	勵	呂	女	如	廬	×	E6F0	熱	裂	說	闊	厭	廉	念	捻	染	殮	炎	焰	琰	艷	苒	×

71区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	72区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
E7A0	×	簾	閤	髻	鹽	擘	獵	燁	葉	令	囹	埜	寧	嶺	嶸	影	E8A0	×	烏	熬	癸	奠	蜈	誤	鰲	鼈	屋	沃	獄	玉	鈺	溫	璦
E7B0	恰	映	映	楹	榮	永	泳	漢	穎	滢	瀛	溼	煨	營	羸	玲	E8B0	瘟	穩	縕	蘊	兀	壅	擁	瓮	癰	癰	翁	雍	饗	渦	瓦	
E7C0	瑛	瑩	瓔	盈	穎	纓	羚	聆	英	詠	迎	鈴	鏗	零	霏	靈	E8C0	窩	窪	臥	蛙	蝸	訛	婉	完	宛	椀	椀	浣	玩	琬	琬	碗
E7D0	頷	乂	倪	例	刈	叢	曳	訥	濊	猊	睿	穢	芮	藝	藁	禮	E8D0	緩	翫	腕	腕	莞	蕪	阮	頑	曰	往	旺	枉	汪	王	倭	娃
E7E0	裔	詣	譽	豫	醴	銳	隸	覓	預	五	伍	伍	傲	午	吾	吳	E8E0	歪	矮	外	嵬	巍	猥	畏	了	僚	僂	凹	堯	夭	妖	姚	寥
E7F0	鳴	塢	塢	奧	娛	寤	悟	惡	懊	敖	昨	晤	梧	汚	澳	×	E8F0	寮	尿	嶢	拗	搖	撓	擾	料	曜	樂	橈	燎	耀	瑤	療	×

73 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	74 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
E9A0	×	窈	窈	繇	繞	耀	腰	蓼	蟻	要	謠	遙	遼	邀	饒	慾	EAA0	×	運	隕	雲	韻	蔚	鬱	丐	熊	雄	元	原	員	圓	園	垣
E9B0	欲	浴	縛	褥	辱	俑	傭	冗	勇	埔	埔	容	庸	憊	榕	涌	EAB0	媛	嫵	冤	怨	愿	援	沅	洄	浚	源	爰	猿	媛	苑	袁	轅
E9C0	湧	溶	熔	塔	用	甬	聳	茸	蓉	踊	鎔	鋪	龍	于	佑	偶	EAC0	遠	阮	院	願	鴛	月	越	鉞	位	偉	僞	危	圍	委	威	尉
E9D0	優	又	友	右	宇	寓	尤	愚	憂	吁	牛	玕	瑪	孟	祐	禍	EAD0	慰	暉	渭	爲	璋	緯	胃	萎	葦	蔦	蝟	衛	禕	謂	違	韋
E9E0	禹	紆	羽	芋	藕	虞	迂	遇	郵	鈺	隅	雨	雱	勛	彧	旭	EAE0	魏	乳	侑	儒	俞	劉	唯	喻	孺	宥	幼	幽	庾	悠	惟	愈
E9F0	昱	栒	焜	穢	郁	頊	云	暈	檣	殞	灑	煩	耘	芸	蕘	×	EAF0	愉	揄	攸	有	杻	柔	柚	柳	榆	檣	油	洧	流	游	溜	×

75 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	76 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
EBA0	×	濡	猶	猷	琉	瑜	由	留	癒	硫	紐	維	臾	莢	裕	誘	ECA0	×	議	醫	二	以	伊	利	吏	夷	姨	履	已	弛	彝	怡	易
EBB0	諛	諭	踰	蹂	遊	逾	遺	酉	釉	鎬	類	六	垓	戮	毓	肉	ECB0	李	梨	泥	爾	珥	理	異	痍	痢	移	罹	而	耳	肄	苡	萸
EBC0	育	陸	倫	允	滌	尹	崙	淪	潤	玃	胤	贇	輪	銳	閏	律	ECC0	裏	裡	貽	貳	邇	里	離	飴	餌	匿	溺	凜	益	翊	翌	翼
EBD0	慄	栗	率	聿	戎	灑	絨	融	隆	垠	恩	愨	殷	閭	銀	隱	ECD0	諡	人	仁	刃	印	吝	咽	因	姻	寅	引	忍	湮	磷	璘	網
EBE0	乙	吟	淫	蔭	陰	音	飲	揖	泣	邑	凝	應	膺	鷹	依	倚	ECE0	茵	菌	蚓	認	隣	勒	鞞	鱗	麟	一	佚	侑	壹	日	溢	逸
EBF0	儀	宜	意	懿	擬	椅	毅	疑	矣	義	巖	薏	蟻	衣	誼	×	ECF0	鎰	駟	任	壬	妊	姪	恁	林	淋	稔	臨	莅	賃	入	廿	×

77 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	78 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
EDA0	×	立	笠	粒	仍	剩	孕	苻	仔	刺	咨	姊	姿	子	字	孜	EEA0	×	障	再	哉	在	宰	才	材	栽	梓	澣	滓	災	綽	裁	財
EDB0	恣	慈	滋	炙	煮	玆	盜	疵	磁	紫	者	自	茨	蔗	藉	諮	EEB0	載	齋	齋	爭	箏	諍	錚	佇	低	儲	咀	姐	底	抵	杵	楮
EDC0	資	雌	作	勻	嚼	斫	昨	灼	炸	爵	綽	芍	酌	雀	鵲	孱	EEC0	樗	沮	渚	狙	猪	疽	箸	紆	苧	苴	著	誑	貯	踏	這	
EDD0	棧	殘	潺	盞	岑	暫	潛	箴	簪	蠶	雜	丈	仗	匠	場	墻	EED0	邸	睢	齟	勸	吊	嫡	寂	摘	敵	滴	狄	炙	的	積	笛	籍
EDE0	壯	獎	將	帳	庄	張	掌	璋	杖	樟	檣	槭	漿	牆	狀	獐	EEE0	績	翟	荻	謫	賊	赤	跡	蹟	迪	迹	適	鎬	佃	佺	傳	全
EDF0	璋	章	粧	腸	臧	臧	莊	葬	蔣	蓄	藏	裝	臟	醬	長	×	EEF0	典	前	剪	填	搏	奠	專	展	塵	悛	戰	栓	殿	氈	澱	×

79 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	80 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
EFA0	×	煎	典	田	甸	畑	癩	笠	箋	箭	篆	纏	詮	輓	轉	鈿	FOA0	×	靜	頂	鼎	制	劑	啼	堤	帝	弟	悌	提	梯	濟	祭	第
EFB0	銓	錢	鐫	電	顛	顛	餞	切	截	折	浙	癩	竊	節	絕	占	FOB0	臍	薺	製	諸	蹄	醜	除	際	霽	題	齊	俎	兆	涓	助	嘲
EFC0	帖	店	漸	点	粘	霑	黏	點	接	摺	蝶	丁	井	亭	停	偵	FOC0	弔	彫	措	操	早	晁	曹	朝	條	棗	槽	漕	潮	照	燥	
efd0	呈	妊	定	幘	庭	廷	征	情	挺	政	整	旌	晶	晟	枉	楨	FOD0	爪	璞	眺	祖	祚	租	稠	窀	粗	糟	組	綵	肇	藻	蚤	詔
EFE0	檉	正	汀	淀	淨	渟	渚	靜	妊	玎	珽	町	晴	碇	禎	程	FOE0	調	趙	躁	造	遭	鈞	阻	雕	鳥	族	簇	足	鏃	存	尊	卒
EFF0	穿	精	縉	艇	訂	諄	貞	鄭	酊	釘	鉦	鉦	錠	霆	靖	×	FOF0	拙	猝	侏	宗	從	悰	慫	棕	淙	琮	種	終	綜	縱	腫	×



81 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	82 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
F1A0	×	踪	踵	鍾	鐘	佐	坐	左	座	挫	罪	主	住	侏	做	姝	F2A0	×	咫	地	址	志	持	指	摯	支	旨	智	枝	枳	止	池	泚
F1B0	胄	呪	周	喉	奏	宙	州	廚	晝	朱	柱	株	注	洲	湊	澍	F2B0	漬	知	砥	社	祇	紙	肢	脂	至	芝	芷	蚰	誌	識	贄	趾
F1C0	炷	珠	疇	籌	紂	紬	綢	舟	蛛	註	誅	走	躊	輳	週	耐	F2C0	遲	直	種	稷	織	職	唇	噴	塵	振	摺	晉	晉	振	榛	殄
F1D0	酒	鑄	駐	竹	粥	俊	僞	准	竣	寫	峻	峻	樽	浚	準	濬	F2D0	津	溱	珍	瑄	璫	吟	疹	盡	眞	瞋	秦	縉	纈	臻	藜	衫
F1E0	煖	峻	竣	蠱	逡	遵	雋	駿	茁	中	仲	衆	重	卽	櫛	楫	F2E0	診	賑	軫	辰	進	鎮	陣	陳	震	侄	叱	姪	嫉	帙	桎	瓊
F1F0	汁	葺	增	憎	曾	拯	烝	甌	症	繒	蒸	證	贈	之	只	×	F2F0	疾	秩	窒	臆	蛭	質	跌	迭	斟	朕	什	執	凜	緝	輯	×

83 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	84 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
F3A0	×	鍊	集	徵	懲	澄	且	侘	借	又	嗟	嗟	差	次	此	磋	F4A0	×	責	淒	妻	悽	處	偶	刺	剔	尺	憾	戚	拓	擲	斥	滌
F3B0	筍	茶	蹉	車	遮	捉	搾	着	窄	錯	鑿	齷	撰	潦	燦	璨	F4B0	瘡	脊	蹠	陟	隻	仟	千	喘	天	川	擅	泉	淺	玕	穿	舛
F3C0	瓚	竄	纂	纂	粲	纘	讚	贊	鑽	餐	饌	利	察	擦	札	紮	F4C0	薦	賤	踐	遷	釧	闌	阡	韃	凸	哲	喆	徹	撤	澈	綴	輟
F3D0	僭	參	塹	慘	慙	懺	斬	站	讒	讖	倉	倡	創	唱	娼	廠	F4D0	轍	鐵	僉	尖	沾	添	恬	瞻	簽	籤	詹	詔	堞	妾	帖	捷
F3E0	彰	愴	敞	昌	昶	暢	槍	滄	漲	猖	瘡	窓	脹	艙	菖	蒼	F4E0	牒	疊	睫	諜	貼	輒	廳	晴	清	聽	菁	請	青	鯖	切	剝
F3F0	債	塚	窠	寨	彩	採	砦	綵	菜	蔡	采	釵	冊	柵	策	×	F4F0	替	涕	滯	締	諦	逮	遞	體	初	剿	哨	樵	抄	招	梢	×

85 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	86 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
F5A0	×	椒	楚	樵	炒	焦	硝	礁	礎	秒	稍	肖	艸	茗	草	蕉	F6A0	×	贅	取	吹	嘴	娶	就	炊	翠	聚	脆	臭	趣	醉	驟	鷲	
F5B0	貂	超	酢	醋	醮	促	囑	燭	蠹	蜀	觸	寸	村	村	邨	叢	F6B0	側	仄	厠	惻	測	層	侈	值	嗤	峙	幟	恥	樞	治	淄	熾	
F5C0	塚	寵	恣	愾	摠	總	聰	蔥	銃	撮	催	崔	最	墜	抽	推	F6C0	痔	痴	癡	稚	穉	緇	緻	置	致	蚩	輻	雉	馳	齒	則	勅	
F5D0	椎	楸	樞	湫	皺	秋	芻	萩	諏	趨	追	鄒	酋	醜	錐	錘	F6D0	飭	親	七	柒	漆	侵	寢	枕	沈	浸	琛	砧	針	鍼	蟄	秤	
F5E0	鎚	雛	騶	鰓	丑	畜	祝	竺	筑	築	縮	蓄	蹙	蹴	軸	逐	F6E0	稱	快	他	咤	唾	墮	妥	惰	打	拖	朶	楮	舵	陀	馱	駝	
F5F0	春	椿	椿	出	尢	黜	充	忠	沖	蟲	衝	衷	悴	臍	萃	×	F6F0	倬	卓	啄	坼	度	托	拓	擢	倬	杼	濁	濯	琢	瑋	瑋	託	×

87 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	88 区	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
F7A0	×	鐸	吞	嘆	坦	彈	憚	歎	灘	炭	綻	誕	奪	脫	探	眈	F8A0	×	阪	八	叭	捌	佩	唄	悖	敗	沛	湮	牌	狽	稗	霸	貝	
F7B0	耽	貪	塔	搭	榻	宕	帑	湯	糖	蕩	兌	台	太	怠	態	殆	F8B0	彭	澎	烹	膨	悞	便	偏	扁	片	篇	編	翩	遍	鞭	騙	貶	
F7C0	汰	泰	答	胎	苔	跫	郤	颯	宅	擇	澤	撐	攄	兕	吐	土	F8C0	坪	平	枰	萍	評	吠	嬖	幣	廢	弊	斃	肺	蔽	閉	陛	佈	
F7D0	討	慟	桶	洞	痛	筒	統	通	堆	槌	腿	褪	退	頹	偷	套	F8D0	包	匍	匏	咆	哺	圃	布	怖	拋	抱	捕	暴	泡	浦	庖	砲	
F7E0	妬	投	透	鬪	慝	特	闖	坡	婆	巴	把	播	擺	杷	波	派	F8E0	胞	脯	苞	葡	蒲	袍	褒	逋	鋪	飽	鮑	幅	暴	曝	瀑	爆	
F7F0	爬	琶	破	罷	芭	跛	頗	判	坂	板	版	瓣	販	辦	鋏	×	F8F0	輻	倭	剽	彪	慄	杓	標	漂	瓢	票	表	豹	颯	飄	驃	驃	×

