

DIPSW	Bit	Function	Setting details				Factory default			Supplementary explanation for service manual	New or changed items
							Japan	Inch	Metric		
1	0	Display of process adjustment on user screen	0	Disabled	1	Enabled	0	0	0	This switch is to select whether to display process adjustment button on the [Paper Setting] screen of [MACHINE] screen.	
	1	-					0	0	0	-	
	2	Print stop method after displaying toner supply or waste toner full display.	0	Stops after exit paper in the machine	1	Stops at a break between print sets	0	1	1	This switch is to select the copier operation when toner runs out or waste toner box becomes full.	
	3		0	0	1	1	0	0	0		
	4	Print when the maintenance count is reached	0	Allowed	1	Prohibited	0	0	0	This switch is to set whether to prohibit printing when the print quantity reaches the maintenance count. This switch is related to DIPSW 1-5, 6 and 7.	
	5	Number of allowed print quantity after reaching the maintenance count	000: 1,000 prints, 001: 2,000 prints, 010: 3,000 prints, 011: 4,000 prints, 100: 5,000 prints, 101: 1,000 prints, 110: 1,000 prints, 111: 1,000 prints				0	0	0	This switch changes the number of allowed prints after reaching the maintenance count if print is prohibited by the DIPSW 1-4.	
	6						0	0	0		
2	0	Hard disk drive connection recognition	0	Disabled	1	Enabled	0	0	0	When an option hard disk is connected, set this switch to 1 to make the copier recognize hard disk connection. When hard disk is removed, be sure to set this switch to 0. Otherwise C-D0E* will be displayed.	
	1	-					0	0	0	When the built-in controller is installed, set this switch to 1 to make the copier recognize controller connection.	
	2	-					0	0	0	-	
	3	-					0	0	0	-	
	4	-					0	0	0	-	
	5	Switchover of "Line1" screen	0	Current screen	1	New screen	1	1	1	In screen selection "Line1", it corresponds by this setting when the uneven density stands out. The uneven density is improved by changing this setting to "1". However, when this dipsw setting change to "1", the jaggy might be generated from the highlight part to the middle density part.	
	6	-					1	1	1	-	
3	0	-					0	0	0	The uneven density is improved by changing this setting to "1".	
	1	Multifunction code latch (C35## to C39##)	0	Unlatched	1	Latched	0	0	0	However, when this setting change to "1", the jaggy might be generated from the highlight part to the middle density part.	
	2	Reverse decurler roller preliminary rotation	0	Disabled	1	Enabled	0	0	0	To prevent rotation noise caused by deformation of the reverse decurler roller and image color unevenness caused by uneven roller surface temperature, the reverse decurler roller is rotated for 5 minutes after end of print operation and for a fixed period of time during image stabilization control.	
	3	-					0	0	0	-	
	4	-					0	0	0	-	
	5	-					0	0	0	-	
	6	I/O check mode output 15 memory clear	0	Disabled	1	Enabled	0	0	0	This switch is used to enable/disable the functions related to I/O check mode output code 15-01 (data collection counter clear), 15-02 (Mode memory clear) and 15-98 (CS remote care memory initialization). If this switch is enabled (1) and then those I/O check modes are performed, the switch turns to 0 (disabled) automatically.	
4	7	Maximum capacity of small-size (longer side: 250mm - 319mm) in FS-521 shift mode	0	Stop at the tray middle position sensor (PS6) (equivalent to stacking 1500 sheets)	1	Stop at the lower limit sensor (PS3) (equivalent to stacking 3000 sheets)	0	0	0	The limit of the maximum stacking amount of the main tray can be changed from 1500 sheets to 3000 sheets in FS-521 shift mode.	New
	0	Air assist shutter open/close control (PF)	0	Enabled	1	Disabled	0	0	0	If paper jams due to too strong wind from the air assist, the shutter open/close control can be disabled. Then air assist is operated at a fixed wind velocity.	
	1	Paper exit decurler roller pressure setting/1	0	Normal	1	Moist paper support	0	0	0	The paper exit decurler roller pressure changes for each paper exit mode: straight, reverse, duplex, to minimize paper curl after exit. With moist paper, the curl correction is sometimes insufficient. Pressure can be changed for each mode using this switch. 0: Normal / Straight: Low, Reverse: High, Duplex: Middle 1: Moist paper support / Straight: High, Reverse: Low, Duplex: Middle	
	2	-					0	1	0	-	
	3	-					0	0	1	-	
	4	Paper exit decurler roller pressure setting/2	0	Normal	1	Prevention of wrinkle at lead edge of paper in duplex mode	0	0	0	When almost entirely solid image is printed in duplex mode, paper may be wrinkled at the paper exit decurler entrance (2nd side of paper leading edge) due to strain which is caused by difference of paper contraction ratio between non image area at lead edge and image area. To avoid it, paper exit decurler pressure in duplex mode can be reduced using this switch. 0: Controlled by DIPSW4-1 1: Duplex: Low, Straight and Reverse: Controlled by DIPSW4-1	
	5	APS when magnification is changed	0	Enabled	1	Disabled	0	1	0	This switch is used to enable/disable automatic paper feed tray selection function when magnification is changed.	
5	6	Large size paper counting method - B&W (other than maintenance counter)	0	Count as 1	1	Count as 2	0	*1	*0	This switch is used to set count of large size paper print as 1 or 2. It changes count method for other than maintenance counter. The related switches are DIPSW5-5, 8-6 and 10-3 through 4.	
	7	Large size paper count method - Color (other than maintenance counter)	0	Count as 1	1	Count as 2	1	*1	*0	*Default differs depending on the main body destination. Japan: color count as 2/ BW count as 1, Europe: color and BW count as 1, North America: 11x17 (color and BW) count as 2, 8.5x14 (color and BW) count as 1, Other: color and BW count as 2.	
	0	-					0	0	0	-	
	1	-					0	0	0	-	
	2	-					0	0	0	-	
	3	-					0	0	0	-	
	4	Fusing jam blank paper cleaning	0	Enabled	1	Disabled	0	0	0	On print operation restart after clearing a fusing jam, a screen to ask user whether to pass blank paper (default 5 sheets of paper) pops up on the touch panel screen to remove the toner attached on the fusing belt. The blank sheets of paper are output onto an unused tray.	
6	5	Change of the size of the large size paper (maintenance counter)	0	B4 / 8.5X14 (338mm) or larger	1	A3 / 11X17 (365mm) or larger	0	0	0	This switch changes the standard of large size paper. It is reflected in DIPSW8-6. The related switches are DIPSW4-6, 7, 8-6 and 10-3, 4.	
	6	Dust proof filter/1 life message display timing	0	80% / 180,000 prints: near life end 100% / 200,000 prints: life end	1	100% / 200,000 prints: near life end 110% / 220,000 prints: life end	0	0	0	This switch sets time to display near life end and life end of dust proof filter/1.	
	7	Print when the dust proof filter/1 life count is reached	0	Allowed	1	Prohibited	0	0	0	This switch sets whether to prohibit printing when the dust proof filter/1 reaches its life count.	
	0	Faulty part isolation: FD fold and punch function	0	Normal	1	Unavailable	0	0	0	These switches separate faulty units to allow copier to function without the units. User can also use this function temporarily.	
	1	Faulty part isolation: FD main tray paper exit	0	Normal	1	Unavailable	0	0	0		
	2	Faulty part isolation: FD post insertion function	0	Normal	1	Unavailable	0	0	0		
	3	Faulty part isolation: FS staple function	0	Normal	1	Unavailable	0	0	0		
	4	Faulty part isolation: FS main tray paper exit	0	Normal	1	Unavailable	0	0	0		
	5	Faulty part isolation: FS	0	Normal	1	Unavailable	0	0	0		
	6	Faulty part isolation: LS main tray paper exit (1st unit)	0	Normal	1	Unavailable	0	0	0		
7	7	Faulty part isolation: LS main tray paper exit (2nd unit)	0	Normal	1	Unavailable	0	0	0		

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7	0	Faulty part isolation: SD saddle stitching	0	Normal	1	Unavailable	0	0	0	These switches separate faulty units to allow copier to function without the units. User can also use this function temporarily.	
	1	Faulty part isolation: SD multi folding	0	Normal	1	Unavailable	0	0	0		
	2	Faulty part isolation: SD multi letter	0	Normal	1	Unavailable	0	0	0		
	3	Faulty part isolation: SD trimming	0	Normal	1	Unavailable	0	0	0		
	4	Faulty part isolation: SD coupling conveyance, sub tray paper exit	0	Normal	1	Unavailable	0	0	0		
	5	Faulty part isolation : PB cover paper insertion	0	Normal	1	Unavailable	0	0	0		
	6	Faulty part isolation : PB binder function	0	Normal	1	Unavailable	0	0	0		
8	7	Faulty part isolation : PB	0	Normal	1	Unavailable	0	0	0		
	0	-		-		-	0	0	0	-	Deleted
	1	-		-		-	0	0	0	-	
	2	-		-		-	0	0	0	-	
	3	-		-		-	0	0	0	-	
	4	-		-		-	0	0	0	-	
	5	Counter action for the jam in the reverse/exit section	0	Enabled	1	Disabled	0	0	0	When condensation occurs in the fusing unit in the morning, the leading edge and rear end of the 8.5×11 thin-paper are closely attached to each other due to the moisture beads from the condensation in the reverse section, and it may cause a jam. Setting "1" (ON) to this setting makes spaces between papers in the reverse section and prevents the papers from attaching together and causing a jam.	
9	6	Large size paper counting method (maintenance counter)	0	Count as 1	1	Count as 2	1	1	1	This switch is used to set count of large size paper print as 1 or 2. It changes count method for maintenance counter. The related switches are DIPSW4-6, 7, 5-5 and 10-3, 4.	
	7	-		-		-	0	0	0	-	
	0	-		-		-	0	0	0	-	
	1	-		-		-	0	0	0	-	
	2	-		-		-	0	0	0	-	
	3	-		-		-	0	0	0	-	
	4	-		-		-	0	0	0	-	
10	5	Copy quantity limit	0000: no limit, 0001: 1 sheet, 0010: 3 sheets, 0011: 5 sheets, 0100: 9 sheets, 0101: 10 sheets, 0110: 20 sheets, 0111: 30 sheets, 1000: 50 sheets, 1001: 99 sheets, 1010: no limit, 1011: no limit, 1100: no limit, 1101: no limit, 1110: no limit, 1111: no limit				0	0	0	This is used to limit copy quantity setting.	
	6	-		-		-	0	0	0	-	
	7	-		-		-	0	0	0	-	
	0	-		-		-	0	0	0	-	
	1	Hard disk image memory	0	Disabled	1	Enabled	1	1	1	This switch is to select use/not use HDD for image memory when an option HDD is fitted.	
	2	-		-		-	0	0	0	-	
	3	Change of the size of the large size paper (other than maintenance counter)	0	A3 / 11X17 or larger (default for U.S.A.)	1	All sizes are small	0	1	8.5X13, 8.25X13, 8.125X13.25, 8X13 or larger	This switch changes the standard of large size paper used for counter control other than maintenance counter. The related switches are DIPSW4-6, 7, 5-5 and 8-6.	
11	4	Custom size tolerance setting	0	Only with ATS : tolerance is +/- 2mm	1	Tray selection and ATS : tolerance is +/- 10mm	0	0	0	This switch is used to set allowance when there is a difference between print page size sent from the controller and custom paper size set on the main body.	
	6	Private MIB count method (large size)	0	Count as 2	1	Count as 1	1	1	1	In this setting refer to the DIPSW settings 4-7 and 4-6. This setting reflect that the [MIB counter] and 12 items counter of large size count in the [Management list]. It doesn't affect to the billing counter(total counter).	
	7	-		-		-	1	1	1	-	
	0	-		-		-	0	0	0	-	
	1	-		-		-	0	0	0	-	
	2	Limit of SD multi center folding	0	Enabled	1	Disabled (Max. 50 sheets)	0	0	0	The limit of every weight can be disabled. But it is out of the product specification 50gsm - 61gsm: 5 sheets 82gsm - 130gsm: 3 sheets 131gsm - 244 gsm: 2 sheets	New
	3	Automatic restart of the stopped job	0	Disabled	1	Enabled	0	0	0	The setting to restart the printing which has been stopped automatically.	New
12	4	Filter for jagged edges on slanting lines	0	Disabled	1	Enabled	0	0	0	As the result of error diffusion processing, fine slant lines (60 to 80μm) are sometimes written with 1-line and 2-line and jagged edges are noticeable. To make the jagged edges less noticeable, filter change is possible. (down edge reinforcement) However, generation copy performance becomes a little poor.	
	5	setting of thick paper BK mode	0	Disabled	1	Enabled	0	0	0	Reduces the banding generated in 230mm from the paper leading edge when printing out the B/W halftone images on the thick paper. By setting this DipSW to "1", the [Thick paper BK mode] will be displayed on the User Settings/Administrator Settings mode. Users can configure the banding reduction mode ON/OFF. When the mode is ON, even if it's B/W print, each YMC first transfer roller pressures on the paper and operates as a color mode. Note: 1. Only thick papers which generate banding can be used. 2. Even if it's B/W print, it actually operates as a color mode. Therefore, the total counter counts it as a B/W and the maintenance counter counts it as a color. (YMC developing are not used for the printing. However, the developer is deteriorated because the developer is agitated.) 3. If you use color print after this mode is used for over 1000 pages of continuous print, may cause a toner scattering or color image failure.	
	6	Automatic paper supply	0	Disabled	1	Enabled	0	0	0	Sets whether to start printing automatically or not when papers are supplied into the tray after occurrence of paper empty and the tray is set in the machine. For only JOB stopping due to paper empty, When becoming tray lift up completion or PFU dehumidification heater ready, it starts automatically. However, when the setting screen on the tray selection screen etc. is opened on the machine, It is not started automatically	
	7	Jam code display	0	Disabled	1	Enabled	0	0	0	This switch is used to enable/disable display of jam code on the touch panel screen.	
	0	-		-		-	0	0	0	-	
	1	-		-		-	0	0	0	-	
	2	-		-		-	0	0	0	-	
13	3	-		-		-	0	0	0	-	
	4	-		-		-	0	0	0	-	
	5	-		-		-	0	0	0	-	
	6	-		-		-	0	0	0	-	
	7	-		-		-	0	0	0	-	
	0	-		-		-	0	0	0	-	
	1	-		-		-	0	0	0	-	
14	2	-		-		-	0	0	0	-	
	3	-		-		-	0	0	0	-	
	4	-		-		-	0	0	0	-	
	5	-		-		-	0	0	0	-	
	6	-		-		-	0	0	0	-	
	7	-		-		-	0	0	0	-	
	0	-		-		-	0	0	0	-	

DIPSW	Bit	Function	Setting details						Factory default			Supplementary explanation for service manual	New or changed items			
									Japan	Inch	Metric					
14	0	-	-						0	0	0	-				
	1	Display switching on the setting menu counter	0	Normal display		1	Counter display by every size		0	0	0	Corresponding to OEM	New			
	2	-	-						0	0	0	-				
	3	-	-						0	0	0	-				
	4	-	-						0	0	0	-				
	5	-	-						0	0	0	-				
	6	-	-						0	0	0	-				
15	7	CSRC connection selection	0	Telephone		1	http		0	E-mail		1	Disabled		Switch the communication method between telephone, http, and E-mail.	Changed
	0	-	0	0		1	1		1	1		1	1			
	1	CMS function screen display	0	Disabled		1	Enabled		0	0	0	This switch is used to enable/disable display of the CMS function screen in the Utility menu mode.				
	2	Charging corona life display	0	Enabled		1	Disabled		0	0	0	This switch is used to enable/disable display of charging corona life in the [Detail] of the Utility mode.				
	3	FNS alarm stop method	0	Stops immediately after detection	1	Stops at a break between copy sets after detection	0	Does not stop while in printing	1	Does not stop while in printing	0	0	0	This switch is used to select alarm stop condition. Alarm stop means detection of the following states. FD/FS/LS tray lower limit, FD/FS/LS/SD tray paper full, FD/PK punch waste full, FS staple waste full, SD trimming waste full		
	4	-	0		1		1		0		0	0				
	5	CS Remote Care connection recognition	0	Disabled		1	Enabled		0	0	0	This switch is used to enable/disable CS Remote Care.				
16	6	Scan send address resetting after scanning	0	Disabled		1	Enabled		0	0	0	The send address is kept set until the automatic reset starts after completion of scanning. If the scanning is executed by other user without setting the send address, the job data is sent to the send address set by the previous user. Setting "1" (ON) to this setting automatically resets the address after completion of scanning and prevents users from sending data to the wrong send address.				
	7	LDAP function	0	Disabled		1	Enabled		0	0	0	This switch is used to enable/disable LDAP function of IC-408.				
	0	Scanner magnification setting	0	Disabled		1	Enabled		0	0	0	This switch is used to enable/disable scanner magnification function.				
	1	Box name Japanese input	0	Disabled		1	Enabled		0	0	0	To input Japanese for Box Name.				
	2	Coin vender type	0	Parallel		1	Serial		0	0	0	This switch is used to change the coin vender communication method between parallel and serial.				
	3	Counting of the key counter in the printer mode	0	Disabled		1	Enabled		0	0	0	This switch is used to set whether to increment key counter with printer output when key counter is connected.				
	4	Display of machine install date in Utility menu mode	0	Enabled		1	Disabled		0	0	0	This switch is used to set whether to display the install data in the Utility menu mode.				
17	5	Dehumidifier heater temperature control (LU/PF)	0	Environment temperature +6 degrees C	1	Environment temperature +8 degrees C	0	Environment temperature +10 degrees C	1	Environment temperature +6 degrees C	0	0	0	With LU, PF option dehumidifier heater is connected, this switch is used to set control temperature when dehumidifier fan heater control is set to [On (compulsory)] in the Utility menu mode.		
	6	-	0	-	0	-	1	-	1	-	0	0	0	-		
	7	-	-						0	0	0	-				
	0	-	-						0	0	0	-				
	1	-	-						1	1	1	-				
	2	-	-						1	1	1	-				
	3	-	-						0	0	0	-				
18	4	Density selection at scanning tab paper	000: brightness level 80, 001: brightness level 40 (lightest), 010: brightness level 60, 011: brightness level 100, 100: brightness level 120, 101: brightness level 160, 110: brightness level 200, 111: brightness level 255 (darkest)						0	0	0	This switch is used to select background density when scanning tab paper.				
	5	-	-						0	0	0	-				
	6	-	-						0	0	0	-				
	7	-	-						0	0	0	-				
	0	Faulty part isolation: Tray1	0	Normal		1	Unavailable		0	0	0	-				
	1	Faulty part isolation: Tray2	0	Normal		1	Unavailable		0	0	0	These switches separate faulty units to allow copier to function without the units.				
	2	Faulty part isolation: Tray3	0	Normal		1	Unavailable		0	0	0	There is same function in user mode that can temporary isolate the unit untill next power ON.				
19	3	Faulty part isolation: Tray4 (LU)	0	Normal		1	Unavailable		0	0	0					
	4	Print during temperature control by dehumidifier heater (LU/PF)	0	Prohibited		1	Allowed		0	0	0	With LU, PF option dehumidifier heater is connected, this switch is used to set whether to accept a print job during dehumidifying operation.				
	5	Faulty part isolation: FS center fold, saddle stich	0	Normal		1	Unavailable		0	0	0	These switches separate faulty units to allow copier to function without the units.				
	6	Faulty part isolation: PI	0	Normal		1	Unavailable		0	0	0	There is same function in user mode that can temporary isolate the unit untill next power ON.				
	7	Faulty part isolation: HDD	0	Normal		1	Unavailable		0	0	0					
	0	-	-						0	0	0	-				
	1	-	-						1	1	1	-				
20	2	Fusing upper and lower roller temperature selection	000: -30 degrees C, 001: -20 degrees C, 010: -10 degrees C, 011: standard, 100: upper roller standard / lower roller+10 degrees C, 101: standard, 110: standard, 111: standard						1	1	1	This switch is used to change the fusing standard control temperature. Decrease temperature against paper curling or waving and increase temperature against insufficient fusing or fusing winding jam.				
	3	-	-						0	0	0	-				
	4	Multi feed detection (PF)	0	Enabled		1	Disabled		0	0	0	This switch is used to enable/disable multi feed detection function of PF.				
	5	Faulty part isolation: PF	0	Normal		1	Unavailable		0	0	0	This switch separates faulty units to allow copier to function without the units. There is same function in user mode that can temporary isolate the unit untill next power ON.				
	6	Developing motor stop control during printing	0	Normal (automatic switchover)	1	Rotation at 1/4 speed when image is not developed	0	OFF when image is not developed	1	Normal (automatic switchover)	0	0	0	Usually, during printing, the developing motor operation is stopped when image is not developed. If the accumulation of stopped time exceeds 20 seconds, the developing driving is turned ON at 1/4 speed. This is to extend the life of developer. However, the drum motor rarely locks if low coverage page is printed in an extremely low productivity mode (such as saddle stitching small number of pages with SD), since the lubricant supply to the drum becomes insufficient (this is because it is driven by the developing motor). (C-22##) To avoid it, it is possible to drive the developing motor at 1/4 speed even when image is not developed. Oppositely, it is possible to stop the developing motor when image is not developed, to extend the developer life further.		
	7	-	0		1		1		0		0	0				
	21	0	Group stapling mode	0	Disabled		1	Enabled		0	0	0	This switch is used to enable/disable stapling with group mode.			
1		Image scanning area with "Page Margin" mode	0	Normal		1	Original priority		0	0	0	This switch is used to select image scanning area with page margin mode. When "Normal" is selected, original size and print paper size are compared and the smaller one is to be the image area. When "Original priority" is selected, the original size is to be the image area.				
2		Total page number standard with in "Stamp" mode	0	Based on original		1	Based on print paper		0	0	0	When using stamp mode numbering or paging function with duplex print, criteria of total number of pages to be printed can be selected from "original" or "print paper".				
3		-	-						0	0	0	-				
4		Periodical black toner band creation on the transfer belt	0	Normal		1	Increased at the edges		0	0	0	When this switch is set to 1, with the black toner band periodically created on the transfer belt, more toner is supplied to the both edges to prevent the occurrence of white stripes on the image and the flipping of the both edges of the belt cleaning blade.				
5		-	-						0	0	0	-				
6		-	-						0	0	0	-				
7	-	-						0	0	0	-					

DIPSW	Bit	Function	Setting details						Factory default			Supplementary explanation for service manual	New or changed items		
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21	0	PB perfect binding limit number switchover	0	High-quality paper/color paper/coated paper table			1	Plain paper table			0	0	0	Select of the paper type table in the [Utility/Counter]-[03 Machine Admin. Setting]-[01 System setting]-[08 Perfect Binding Setting]-[02 Paper Count Limit]	
	1	PB warm-up control switchover (Enabled by turning OFF/ON the power after the setting has been changed)	0	Warm up when power switch is turned ON 			1	Not warm up when power switch is turned ON 			1	1	1	Switchover of warming up the glue tank, when the C6501 subpower SW(SW2) turns on. Countermeasure of glue discoloring in the glue tank.	
	2	PB heater control switchover (Enabled by turning OFF/ON the power after the setting has been changed)	0	Turn OFF the heater automatically after completion of perfect binding			1	Not turn OFF the heater automatically after completion of perfect binding			0	0	0	When after finished a lapse of one minute of the binding operation, this setting can be switched to the shutoff mode. Countermeasure of glue discoloring in the glue tank.	
	3	257-300g/m ² paper exit with its face up	0	Prohibited			1	Allowed			0	0	0	This switch is used to prohibit/allow face up output with 257-300g/m ² paper.	
	4	Faulty part isolation: Tray4 (PF)	0	Normal			1	Unavailable			0	0	0	This switch separates faulty units to allow copier to function without the units.	
	5	Faulty part isolation: Tray5 (PF)	0	Normal			1	Unavailable			0	0	0	There is same function in user mode that can temporary isolate the unit until next power ON.	
	6	-	-	-			-	-			0	0	0	-	
22	0	Main body NIC setting	0	Disabled			1	Enabled			1	1	1	This switch is used to enable/disable access to main body NIC setting in the Utility menu mode.	
	1	Number of punch holes (Enabled by turning OFF/ON the power after the setting has been changed)	0	2-hole	1	2/3-hole switchover	0	2/4-hole switchover / Swedish 4-hole	1	1	0	This switch changes prohibition control by paper size, which differs depending on the number of punch holes. It also changes the number of holes on the punch hole select screen of user mode.			
	2		0		1		1		This switch is related to DIPSW 23-7.						
	3	Image position for the custom size original (when using DF)	0	Based on user selection			1	based on APS at DF			0	0	0	This switch is used to select image writing base position when using custom size original through the DF.	
	4	Function of the power save key	0	Enabled			1	Disabled			0	0	0	This switch is used to enable/disable power save key function.	
	5	SD trimming board adjustment display	0	Disabled			1	Enabled			0	0	0	This switch is used to enable/disable display of adjustment mode to change trimming count for trimmer board shift operation on the user mode adjustment screen.	
	6	Operation when FS runs out of staple	0	Request staple supply			1	Selectable between staple supply or staple mode cancel			0	0	0	This switch is used to set whether to allow staple job printing when FS stapler is empty.	
23	0	-	-			-	-			0	0	0	-		
	1	-	-			-	-			0	0	0	-		
	2	Precision of the color registration automatic correction (during printing)	0	Normal			1	Fine			0	0	0	This switch changes accuracy of color registration correction that is performed periodically during printing. If fine is selected, the registration accuracy improves by approx. 0.5 pixels, but the correction time takes 2 minutes longer.	
	3	Control of the color registration automatic correction (periodical correction)	0	Enabled			1	Disabled			0	0	0	Down time while in the continuous printing is reduced by disable the color registration correction that is performed periodically. (Color registration correction when the fusing temperature is lower than the specified temperature at power ON is not omitted.)	
	4	The color registration automatic correction in main scan direction (periodical correction)	0	Enabled			1	Disabled			0	0	0	The color registration correction that is performed periodically can be disabled in the main scan direction only.This is used temporarily when there is a registration error along the main scan as a result of a trouble around the transfer belt unit, or when isolating faulty part.	
	5	Gamma correction (IC)	0	Enabled			1	Disabled			0	0	0	This switch is to set whether to perform gamma correction for printer controller output periodically.	
	6	FS-521 rear side staple angle (Enabled by turning OFF/ON the power after the setting has been changed)	0	Diagonally 45 degrees			1	Parallel			0	0	0	The angle of the FS-521 rear side staple can be switched by the parallel with diagonally 45 degrees.	New
24	0	Punch automatic switchover (PK/FD) (Enabled by turning OFF/ON the power after the setting has been changed)	0	Disabled			1	Enabled			1	1	1	This switch is to enable/disable connection of PK and FD with the punch automatic switchover function. This switch is related to DIPSW 22-1 and 2.	
	1	Simple-gamma correction counter reset	0	Reset when print job is started			1	Not reset when print job is started			0	0	0	This switch is used to change the timing to clear counter of Simple-gamma correction, which is performed when [Stability] is selected in the [Utility menu] – [Image Quality Stability].	
	2	-	-			-	-			0	0	0	-		
	3	Image stabilization control	0	Enabled			1	Disabled			0	0	0	This switch is used to disable the image stabilization control which is performed periodically.	
	4	-	-			-	-			1	1	1	-		
	5	-	-			-	-			0	0	0	-		
	6	-	-			-	-			0	0	0	-		
25	0	-	-			-	-			0	0	0	-		
	1	-	-			-	-			0	0	0	-		
	2	-	-			-	-			0	0	0	-		
	3	Color registration automatic correction control	0	Enabled	1	Disabled	0	Not performed during printing	1	0	0	This switch is used to change the timing of periodical color registration correction control or disable the correction. Enable: Correction is performed by suspending print at specified print. Disable: Correction is omitted temporarily to reduce down time when the machine cannot be used with multifunction code related to the drum potential sensor or PGC sensor. No performed during printing: Correction that is performed by suspending print at every specified print is performed after the print job to reduce down time.			
	4		0	1	1	0	0								
	5	Precision of the color registration automatic correction	0	Normal			1	Speed preference			0	0	0	This switch changes accuracy of color registration correction that is performed automatically. If speed preference is selected, the correction time can be shorten. Correction time is approx. 30 seconds.	
	6	-	-			-	-			0	0	0	-		
26	0	Dehumidifier heater (standard heater)	0	Enabled			1	Disabled			0	0	0	Regardless of the dehumidifier heater switch (SW3) ON/OFF state, the heater can be kept OFF.	
	1	-	-			-	-			0	0	0	-		
	2	-	-			-	-			0	0	0	-		
	3	Multi feed detection (PI/PB) (Enabled by turning OFF/ON the power after the setting has been changed)	0	Enabled			1	Disabled			0	0	0	This switch is used to enable/disable the multi feed detection function of PI/PB.	
	4	Printer automatic bias correction (LU, PF)	0	Enabled			1	Disabled			0	0	0	-	
	5	Printer automatic bias correction (ADU)	0	Enabled			1	Disabled			0	0	0	-	
	6	-	-			-	-			0	0	0	-		
27	0	-	-			-	-			0	0	0	-		
	1	-	-			-	-			0	0	0	-		
	2	-	-			-	-			0	0	0	-		
	3	-	-			-	-			0	0	0	-		
	4	-	-			-	-			0	0	0	-		
	5	-	-			-	-			0	0	0	-		
	6	-	-			-	-			0	0	0	-		

DIPSW	Bit	Function	Setting details						Factory default			Supplementary explanation for service manual	New or changed items		
									Japan	Inch	Metric				
28	0	-	-						0	0	0	-			
	1	-	-						0	0	0	-			
	2	-	-						0	0	0	-			
	3	-	-						0	0	0	-			
	4	-	-						0	0	0	-			
	5	-	-						0	0	0	-			
	6	-	-						0	0	0	-			
	7	-	-						0	0	0	-			
29	0	-	-						0	0	0	-			
	1	-	-						0	0	0	-			
	2	-	-						1	1	1	-			
	3	Inclusion of proof copy to the set copy quantity	0	Not included			1	Included			0	0	0	This switch is used to include/not include the copy made with proof copy in the set copy quantity.	
	4	-	-						0	0	0	-			
	5	-	-						0	0	0	-			
	6	-	-						0	0	0	-			
	7	-	-						0	0	0	-			
30	0	-	-						0	0	0	-			
	1	Restriction of the display of the service mode "List output"	0	Restricted			1	Not restricted			0	0	0	As default, list output mode displays three kinds of data. Using this switch, six kinds of data can be displayed.	
	2	-	-						0	0	0	-			
	3	-	-						1	1	1	-			
	4	-	-						0	0	0	-			
	5	PB perfect binding limit (includes Z-fold)	0	Enabled			1	Disabled			0	0	0	When the booklet mode, the body's (contained Z fold) limitation number of sheets can be disabled. However, this is out of specification	
	6	-	-						0	0	0	-			
	7	-	-						0	0	0	-			
31	0	-	-						1	1	1	-			
	1	SRA4/SRA3 main tray paper exit of FS-607	0	Disabled			1	Enabled			0	0	0	SRA4/SRA3 are exited to the main tray of FS-607. In the product specification of FS-607, SRA4/SRA3 size cannot be exited to the main tray. Setting "1" (ON) to this setting, however, allows SRA4 and SRA3 to be exited to the main tray of FS-607. Note that the shift function cannot be used with SRA4/SRA3.	
	2	Z-fold max paper exit capacity: FS-521 main tray	0	50 sheets	1	40 sheets	0	30 sheets	1	20 sheets	0	0	0	This switch is used to select the max stacking capacity of paper which is Z-folded or center-folded by FD on the FS or FD main tray during continuous printing.	If folding performance is poor and causing paper jam or dropping from tray, reduce the max stacking capacity of folded paper using this switch.
	3	Z-fold, center-fold max paper exit capacity: FD main tray	0		0		1		1		0	0	0		
	4	FS 521 Z-fold Staple number limit	0	5 sheets	1	8 sheets	0	10 sheets	1	3 sheets	0	0	0	Number limit of Z-folded papers included in 50 sheets is changed at the stapling of Z-folded mix originals fed.	
	5	-	0		0		1		1		0	0	0		
	6	-	-						0		0	0	-		
	7	-	-						0	0	0	-			
32	0	-	-						0	0	0	-			
	1	Contone output of solid text (IC)	0	Disabled			1	Enabled			1	1	1	Solid (255) text image from controller is printed as it is without applying screen.	
	2	Internal trapping (IC)	0	Disabled			1	Enabled			1	1	1	On output from controller, if image is put over color background, border lines are lost (void) when color registration fails on the main body side. To avoid this, trapping can be enabled and the background image can be thickened by one pixel in the main body image processing. Controller has also auto trapping function, but it is sometimes incompatible with the outline processing.	
	3	-	-						0	0	0	-			
	4	-	-						0	0	0	-			
	5	-	-						0	0	0	-			
	6	-	-						0	0	0	-			
	7	-	-						0	0	0	-			