

# **General Timing Chart / General Circuit Diagram**

**iR5075/5065/5055 Series**

**Canon**



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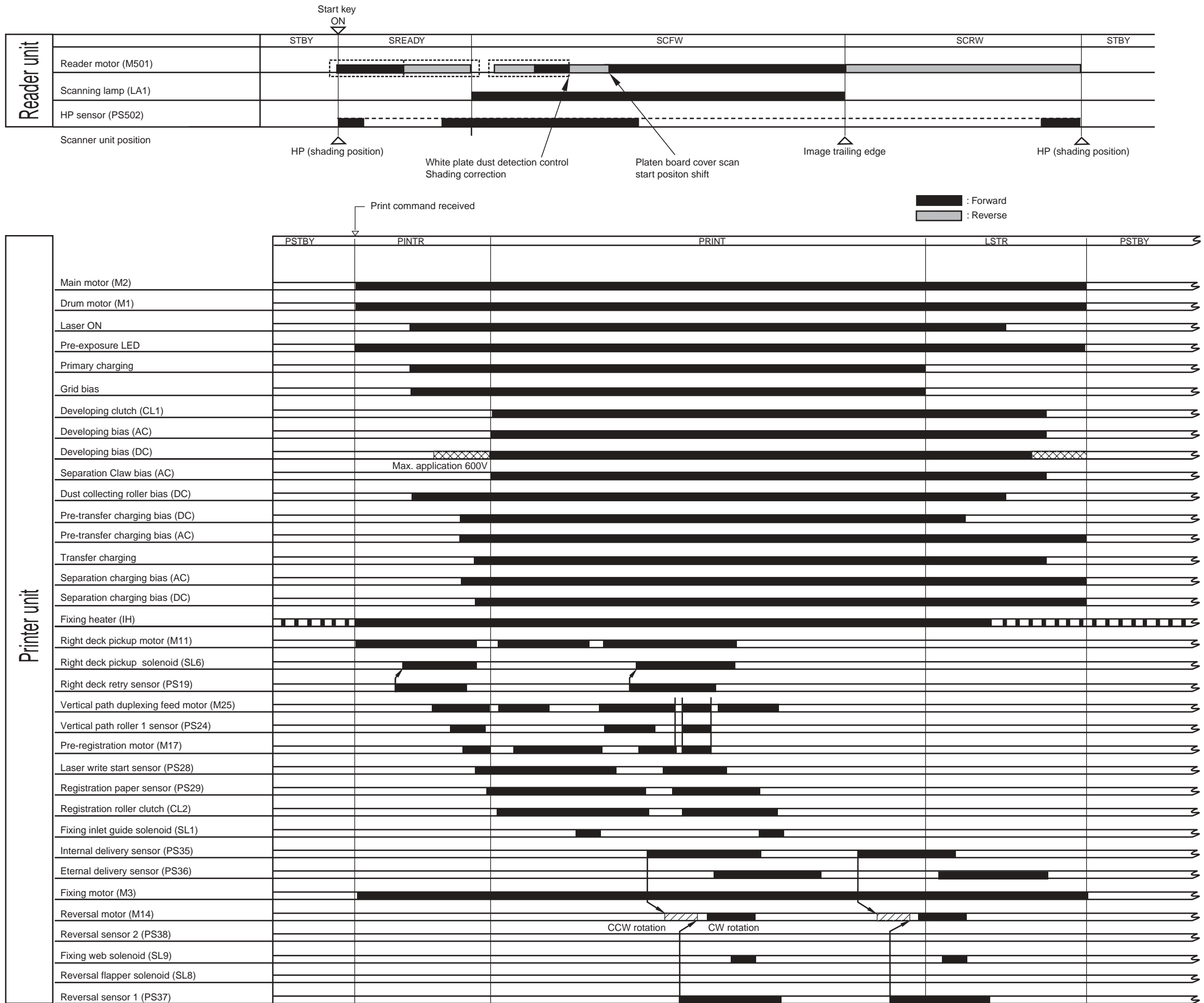
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1 General Timing Chart

Copying/Printing (A4, 2 Sheets, Single-Sided, Direct; Right Deck

iR5065 / iR 5055 / iR5075 / iR5075N / iR5065N / iR5055N









2 General Circuit Diagram

Signal Names

List Of Signals

iR5065 / iR 5055 / iR5075 / iR5075N / iR5065N / iR5055N

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Notation	Signal name	Notation	Signal name
APKIT_TH_AD	AP kit inside temperature detection signal	CONTROLLER_FAN_DEETCT	controller fan lock detection signal
BOTTLE_COVER_SNS_DTC	toner bottle door open/closed detection signal	CONTROLLER_FAN_H/L	controller fan full-speed/half-speed drive signal
C1/RDK_SL_ON	right deck pickup solenoid drive signal	CURL_FAN_DETECT	curl-removing fan lock detection signal
C3/C4_FEED_MOTOR_A,A*,B,B*	cassette pickup motor drive signal A, A*, B, B*	CURL_FAN_ON	curl-removing fan drive signal
C3_LENGTH_1	C3 paper length detection signal 1	DC_SUPPLY_FAN_DETECT	DC power supply fan lock detection signal
C3_LENGTH_2	C3 paper length detection signal 2	DC_SUPPLY_FAN_DETECT	DC power supply fan lock detection signal
C3_LIFTER_MOTOR_ON	C3 lifter motor drive signal	DC_SUPPLY_FAN_ON	DC power supply fan drive signal
C3_LIFTER_ON	C3 lifter motor drive signal	DC_SUPPLY_FAN_ON	DC power supply fan drive signal
C3_LIFTER_SENSE	C3 lifter detection signal	DEL_JAM_SENSE	delivery residual paper detection signal
C3_OPEN_SENSOR	C3 open detection signal	DELIVERY_M_A,A*,B,B*	delivery motor drive signal A, A*, B, B*
C3_PAPER_SENSOR	C3 paper sensor	DEV_CL_ON	developing clutch drive signal
C3_PICKUP_SL_ON	C3 pickup solenoid drive signal	DEV_TONER_SENSOR	developing assembly toner detection signal
C3_PLEVEL_VR	C3 paper level detection signal	DRUM_M_ON	drum motor drive signal
C3_RETRY_SENSOR	C3 retry sensor paper detection signal	DUP_FEED_R_A,A*,B,B*	duplexing feed right motor drive signal A, A*, B, B*
C3_VOLUME_DTC	C3 paper width detection signal	DUPLEX_FAN_DETECT	duplexing feed fan lock detection signal
C4_LENGTH_0	C4 paper length detection signal 0	DUPLEX_FAN_ON	duplexing feed fan drive signal
C4_LENGTH_1	C4 paper length detection signal 1	DUPLEX_PAPER_SENSOR	duplexing paper detection signal
C4_LIFTER_MOTOR_ON	C4 lifter motor drive signal	FEED_FAN_DET	feed fan lock detection signal
C4_LIFTER_OM	C4 lifter motor drive signal	FEED_FAN_H/L	feed fan full-speed/half-speed drive signal
C4_LIFTER_SENSE	C4 lifter detection signal	FLAP_SL_ON	paper deflecting plate solenoid drive signal
C4_OPEN_SENSOR	C4 open detection signal	FRONT_DOOR_DETECT	front door closed detection signal
C4_PAPER_SENSOR	C4 paper sensor	FSR_ENT_SNS	fixing inlet paper detection signal
C4_PICKUP_SL_ON	C4 pickup solenoid drive signal	FSR_EXIT_SNS	fixing outlet paper detection signal
C4_PLEVEL_VR	C4 paper level detection signal	FSR_M_ON	fixing motor drive signal
C4_RETRY_SENSOR	C4 retry sensor paper detection signal	FUSER_F_SL_UP	fixing inlet guide solenoid drive signal (ascent)
C4_VOLUME_DTC	C4 paper width detection signal	FUSER_SL_DOWN	fixing inlet guide solenoid drive signal (descent)
CIR_DUCT_FAN_DTC	circulation duct fan lock detection signal	H_REGI_A,A*,B,B*	horizontal registration motor drive signal A, A*, B, B*
CIR_DUCT_FAN_H/L	circulation duct fan full-speed/half-speed drive signal	H_REGI_HP	horizontal registration HP detection signal
CLAW_JAM_SNS	claw jam detection signal	HEAT_DISCHARGE_FAN_DETECT	heat discharge fan lock detection signal

Notation	Signal name	Notation	Signal name
HEAT_DISCHARGE_FAN_H/L	heat discharge fan full-speed/half-speed drive signal	MLT_SL_ON	manual feed pickup solenoid drive signal
HOP_BOTTLE_ON	toner supply motor drive signal	MULTI_SENSOR	manual feed tray paper detection signal
HOP_LIFT_ON	toner stirring motor drive signal	MULTI_VOLUME	manual feed paper width detection signal
HOP_TONER_SENSOR	hopper toner detection signal	OPEN	ADF open detection signal 2
HP	scanner HP detection signal	PATH1_SENSOR	vertical path 1 paper detection signal
HVT_DEV_BIAS_AC	developing AC bias control signal	PATH2_SENSOR	vertical path 2 paper detection signal
HVT_DEV_BIAS_DC	developing DC bias control signal	PATH3_SENSOR	vertical path 3 paper detection signal
HVT_POST	pre-transfer bias control signal	PATH4_SENSOR	vertical path 4 paper detection signal
HVT_PRIMARY	primary bias control signal	PLATEN	ADF open detection signal
HVT_REMOTE	HVT drive signal	POST_CLEAN_OUT1	pre-transfer charging wire cleaning motor drive signal (forward)
HVT_ROLLER_BIAS	electrode roller bias control signal	POST_CLEAN_OUT2	pre-transfer charging wire cleaner motor drive signal (reverse)
HVT_SEPARATE	separation bias control signal	PRAIMARY_FAN_DETECT	primary charging cooling fan lock detection signal
HVT_TRANSFER	transfer bias control signal	PRAIMARY_FAN_H/L	primary cooling fan full-speed/half-speed drive signal
INT_DEL_SENSOR	inside delivery paper detection signal	PRE_LED_ON	pre-exposure LED drive signal
INV_FAN_DTC	fixing heater power supply fan lock detection signal	PRE_REGI_MOTOR_A,A*,B,B*	pre-registration motor drive signal A, A*, B, B*
INV_FAN_H/L	fixing heater power supply cooling fan full-speed/half-speed drive signal	PRE_REGI_SENSOR	pre-registration paper detection signal
LDECK_FEED_MOTOR_A,A*,B,B*	left deck pickup motor drive signal A, A*, B, B*	PRIMARY_CLEAN_OUT1	primary charging wire cleaner motor drive signal (forward)
LDECK_FEED_CL_ON	left deck pull-off sensor paper detection signal	PRIMARY_CLEAN_OUT2	primary charging wire cleaner motor drive signal (reverse)
LDECK_LIFTER_SENSOR	left deck lifter detection signal	RD_FEED_MOTOR_A,A*,B,B*	right deck pickup motor drive signal A, A*, B, B*
LDECK_LIMITTER_SENSOR	left deck limit detection signal	RDECK_FEED_SNS	right deck pull-off sensor paper detection signal
LDECK_OPEN_SENSOR	left deck open detection signal	RDECK_LIFTER_SENSOR	right deck lifter detection signal
LDECK_PAPER_SENSOR	left deck paper detection signal	RDECK_LIMITTER_SNS	right deck limit detection signal
LDECK_RETRY_SENSOR	left deck retry sensor paper detection signal	RDECK_PAPER_SENSOR	right deck paper sensor
LDK_FEED_SENSOR	left deck feed paper detection signal	RDECK_RETRY_SENSOR	right deck retry senor paper detection signal
LDK_LIFTER_ON	left deck lifter motor drive signal	RDK_LIFTER_ON	right deck lifter motor drive signal
LDK_PICK_SL_ON	left deck pickup solenoid drive signal	RDK_PLEVEL_A_DTC	right deck paper level detection signal A
LDK_PLEVEL_A_DTC	left deck paper level detection signal A	RDK_PLEVEL_B_DTC	right deck paper level detection signal B
LDK_PLEVEL_B_DTC	left deck paper level detection signal B	RDOOR_UNDER_SENSOR	right door open/closed detection signal
LOCK	fan lock detection signal	REGI_CL_ON	registration clutch drive signal
MAIN_M_ON	main motor drive signal	REGI_CL_ON	registration clutch drive signal
MLT_FEED_CL_ON	manual feed pickup clutch drive signal	REGI_SENSOR	registration paper detection signal
MLT_PAPER_SENSOR	manual feed paper detection signal	REGI_SENSOR	registration paper detection signal

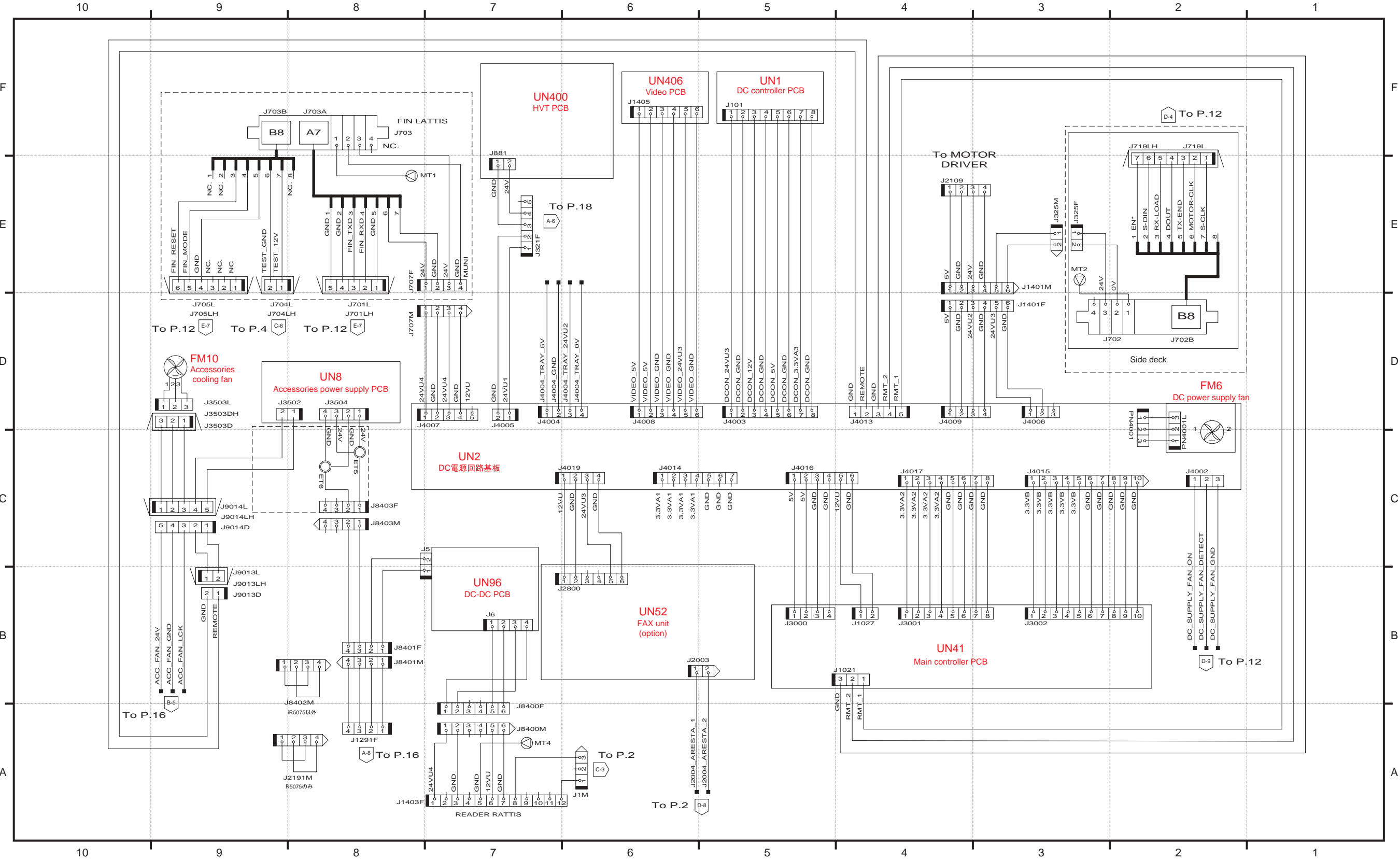
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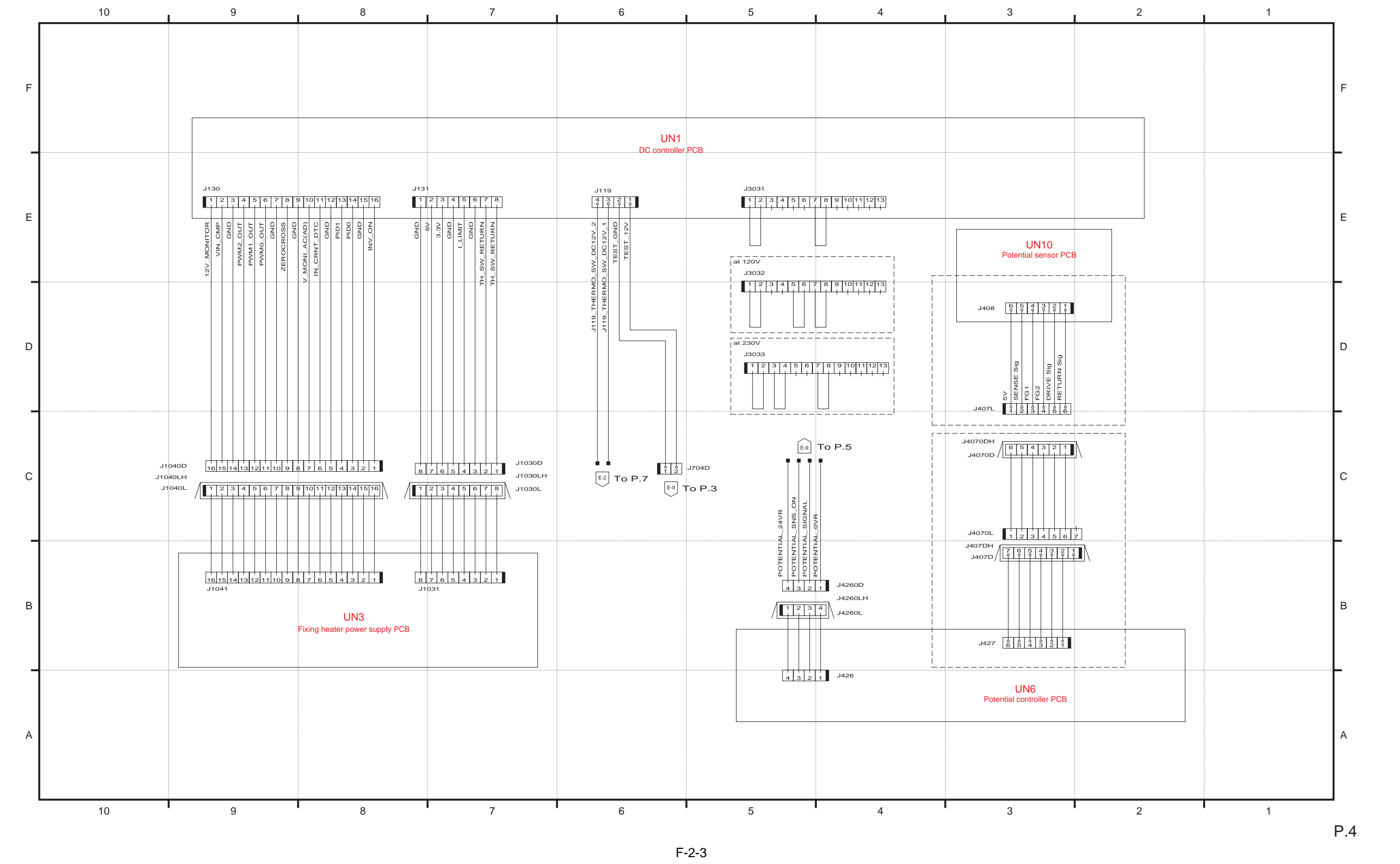
Notation	Signal name	Notation	Signal name
REVERSE_2 SENSOR	reversal 2 paper detection signal	SIZE2	original size detection signal 2
REVERSE_A,A*,B,B*	reversal motor drive signal A, A*, B, B*	T/S_CLEANER-1	transfer separation charging wire cleaner drive signal (forward)
REVERSE_SL_ON	reversing solenoid drive signal	T/S_CLEANER-2	transfer separation charging wire cleaner drive signal (reverse)
SHIFT_CCW	shift tray motor CCW drive signal	VER_DUP_M_A,A*,B,B*	vertical duplexing feed motor drive signal A, A*, B, B*
SHIFT_CW	shift tray motor CW drive signal	VER_L_M_A,A*,B,B*	vertical path lower motor drive signal A, A*, B, B*
SHIFT_P_EXIT	shift tray outlet paper detection signal	VER_U_M_A,A*,B,B*	vertical path upper motor drive signal A, A*, B, B*
SHIFT_P_FULL	shift tray full detection signal	WASTE_TONER_FULL_SW	waste toner full detection signal
SHIFT_TRAY_HPL	shift tray HP left detection signal	WEB_SENSOR	web length detection signal
SHIFT_TRAY_HPR	shift tray HP right detection signal	WEB_SL_ON	web solenoid drive signal
SHUT_HP_SNS	shutter HP detection signal	WRITE_START_SENSOR	write check sensor power detection signal
SHUT_M_A,A*,B,B*	shutter motor drive signal A, A*, B, B*	XE_ON	scanning lamp drive signal
SIZE1	original size detection signal 1		

## iR5065 / iR 5055 / iR5075 / iR5075N / iR5065N / iR5055N



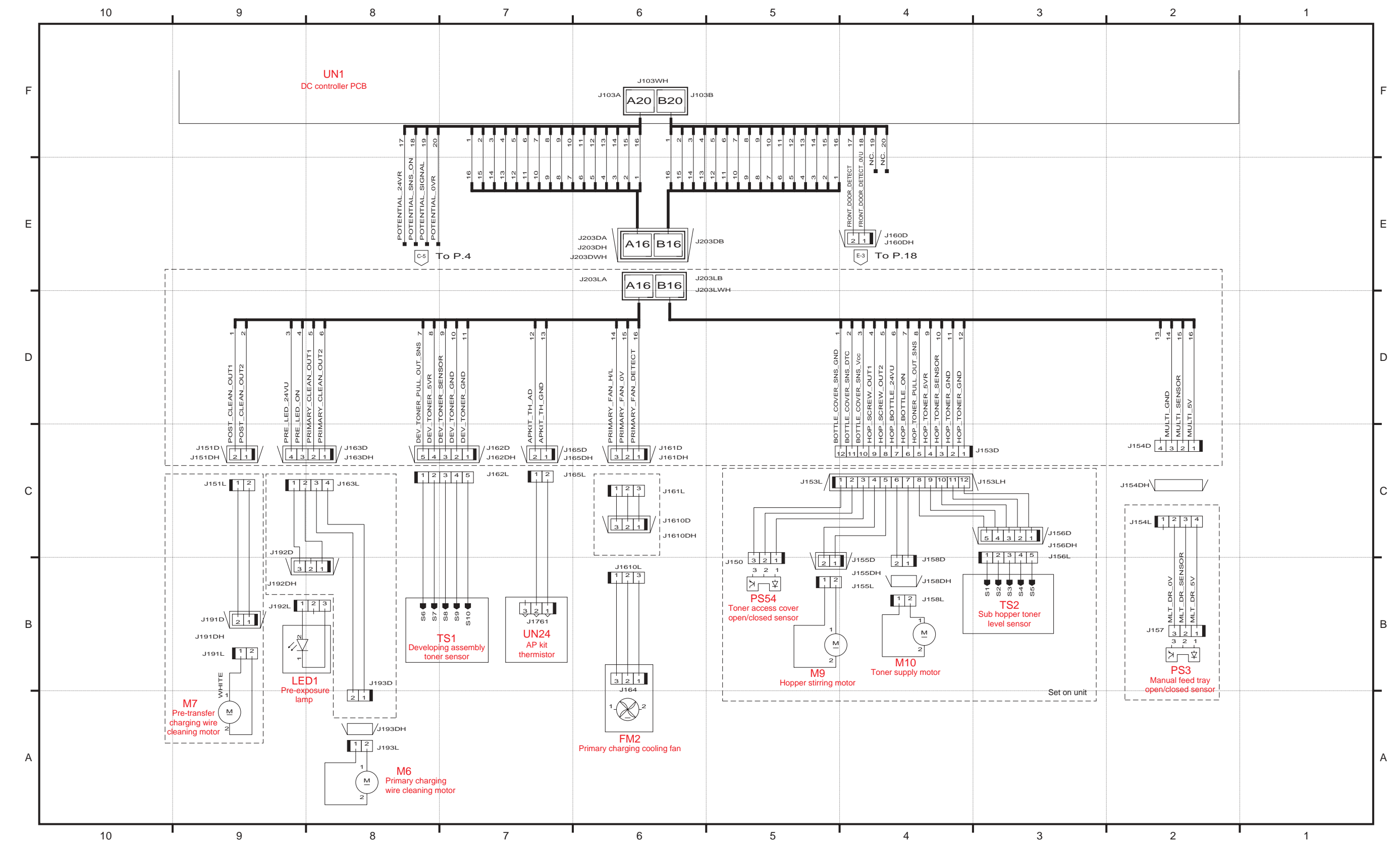
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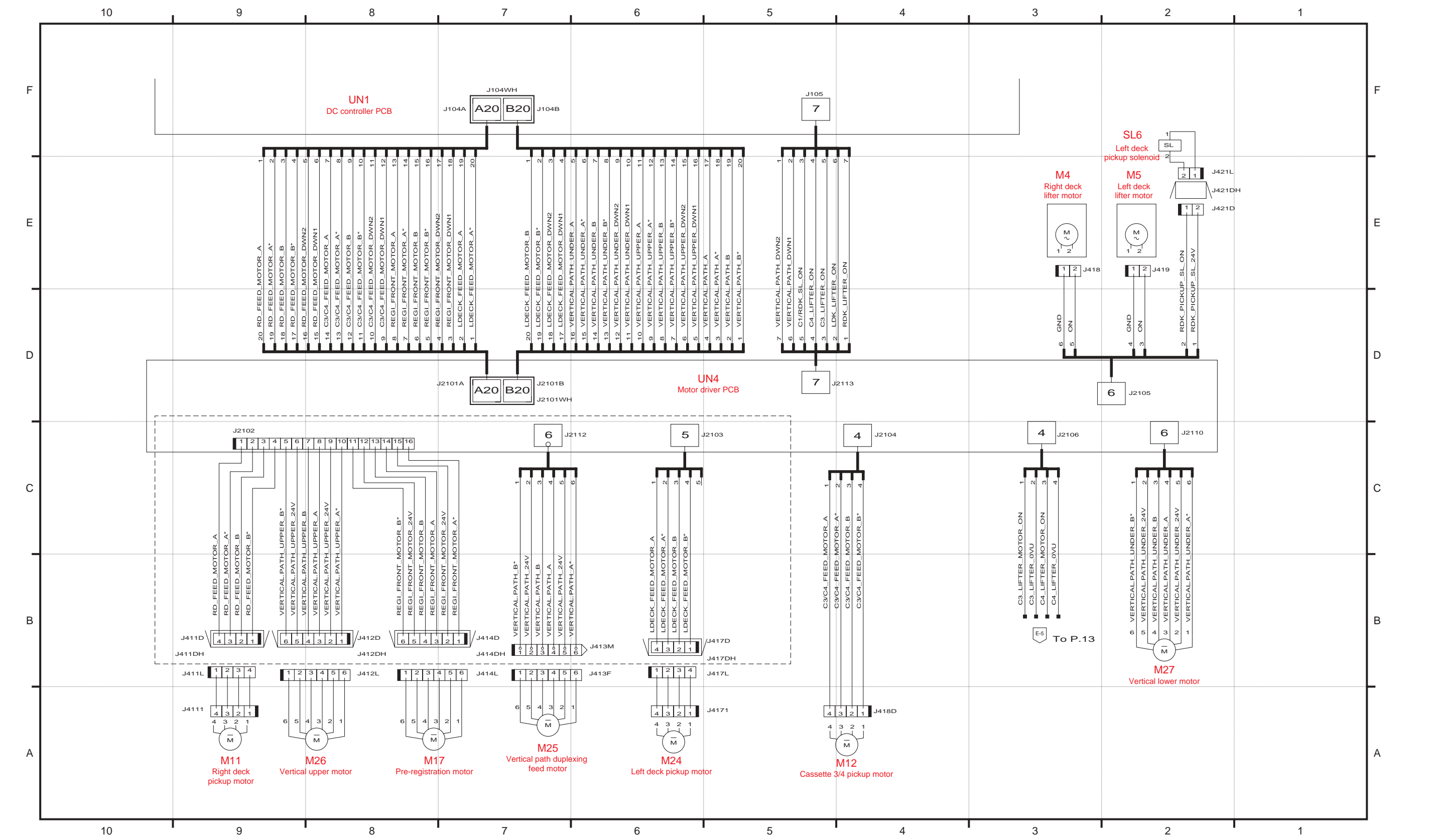


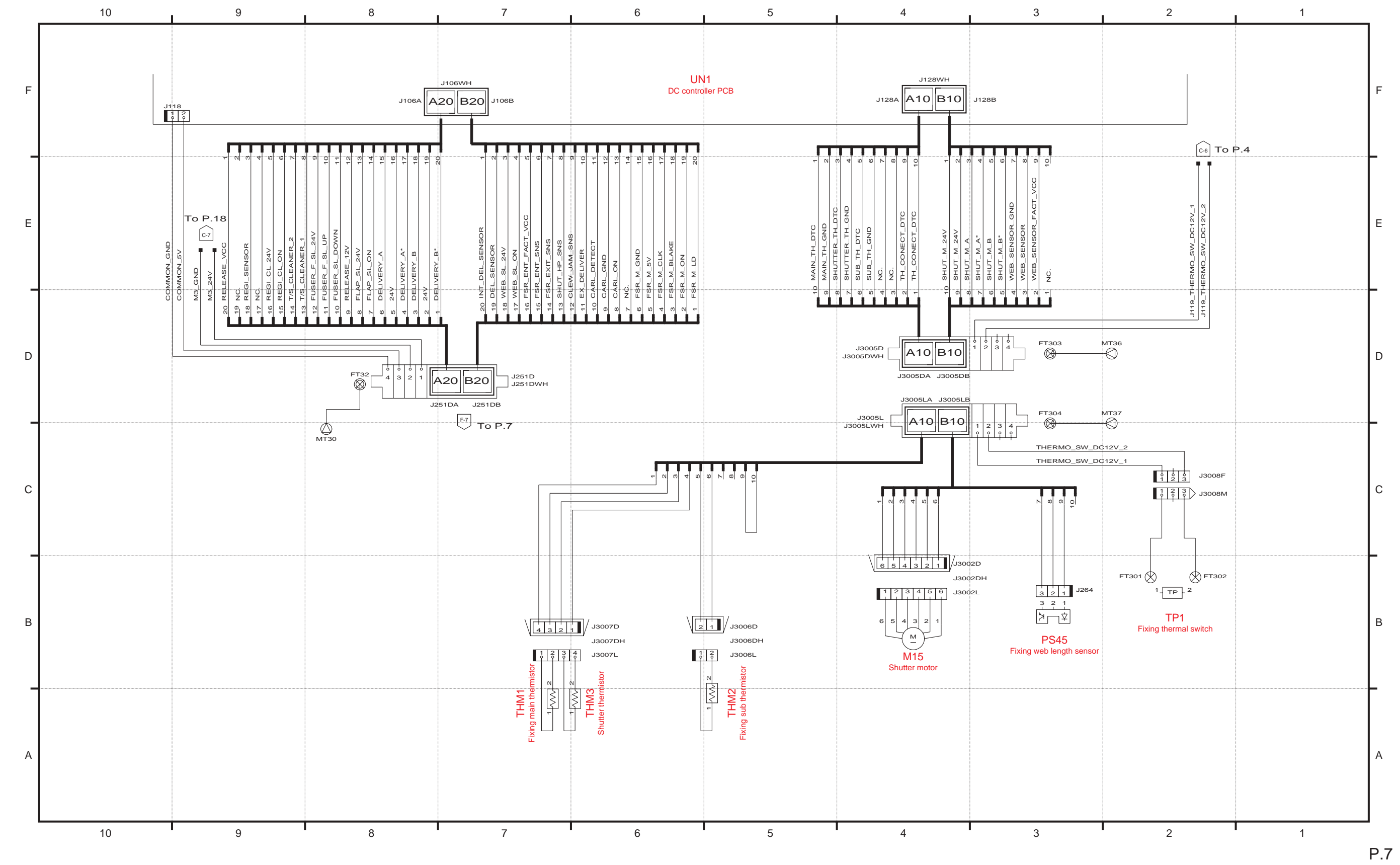
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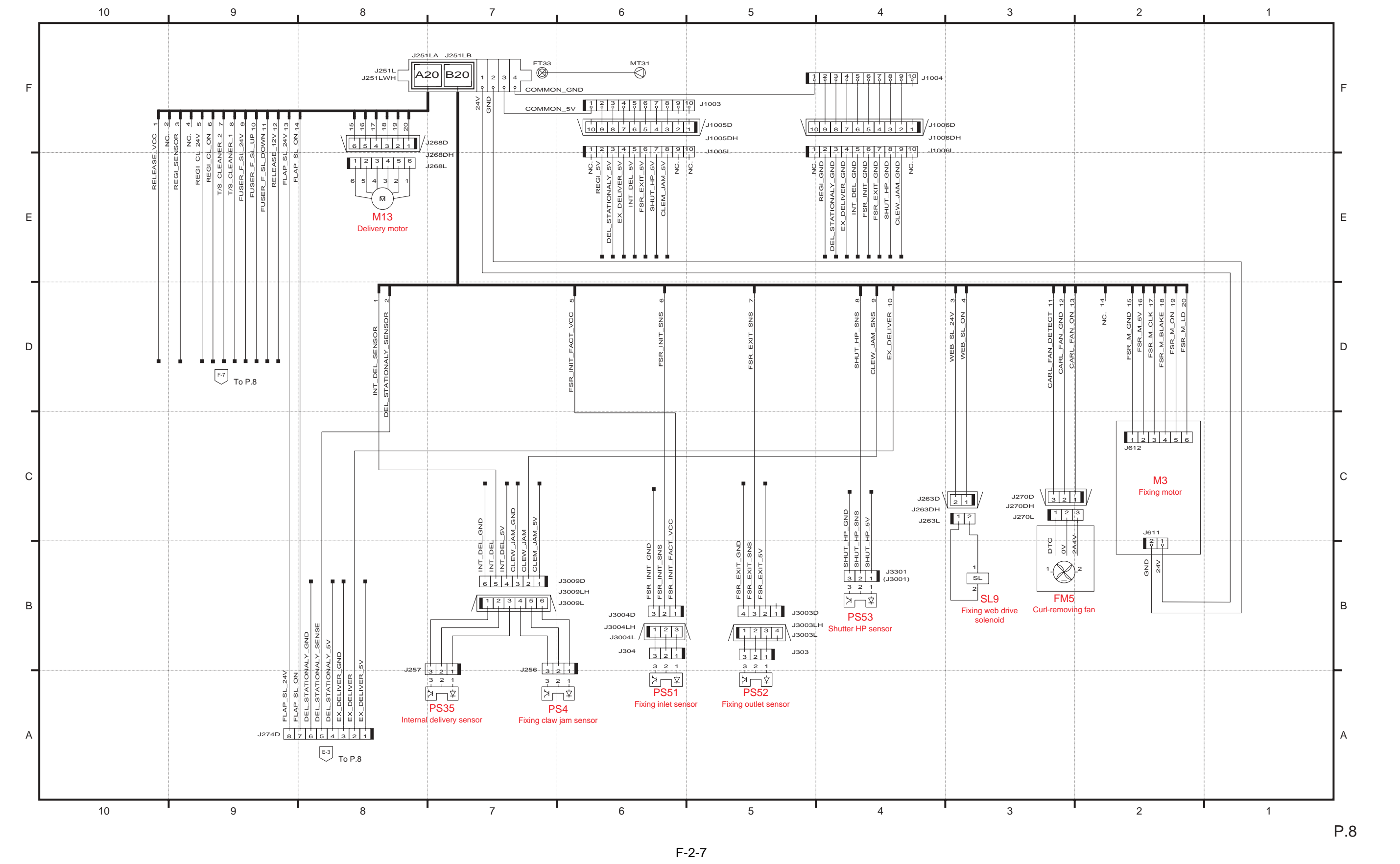
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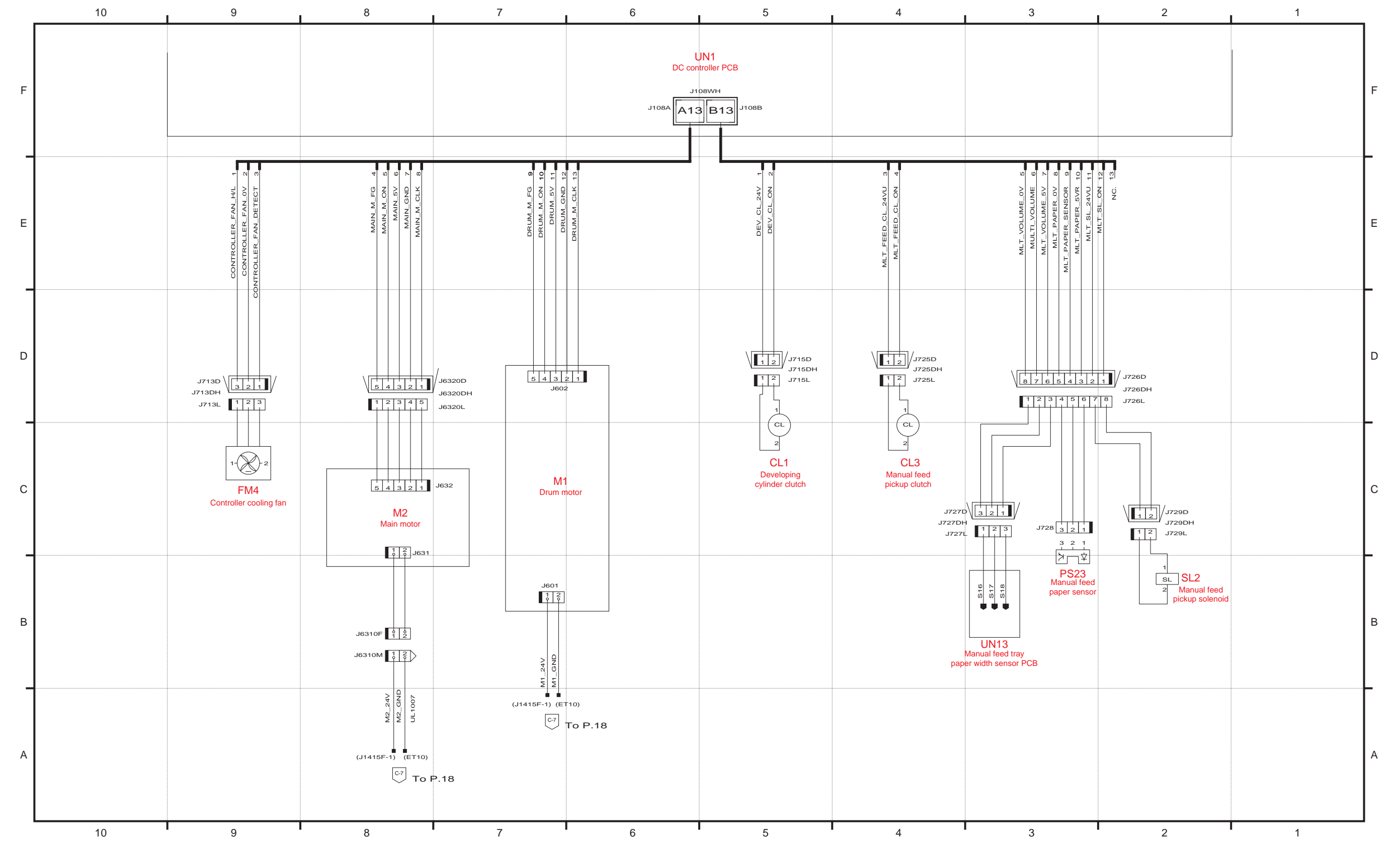


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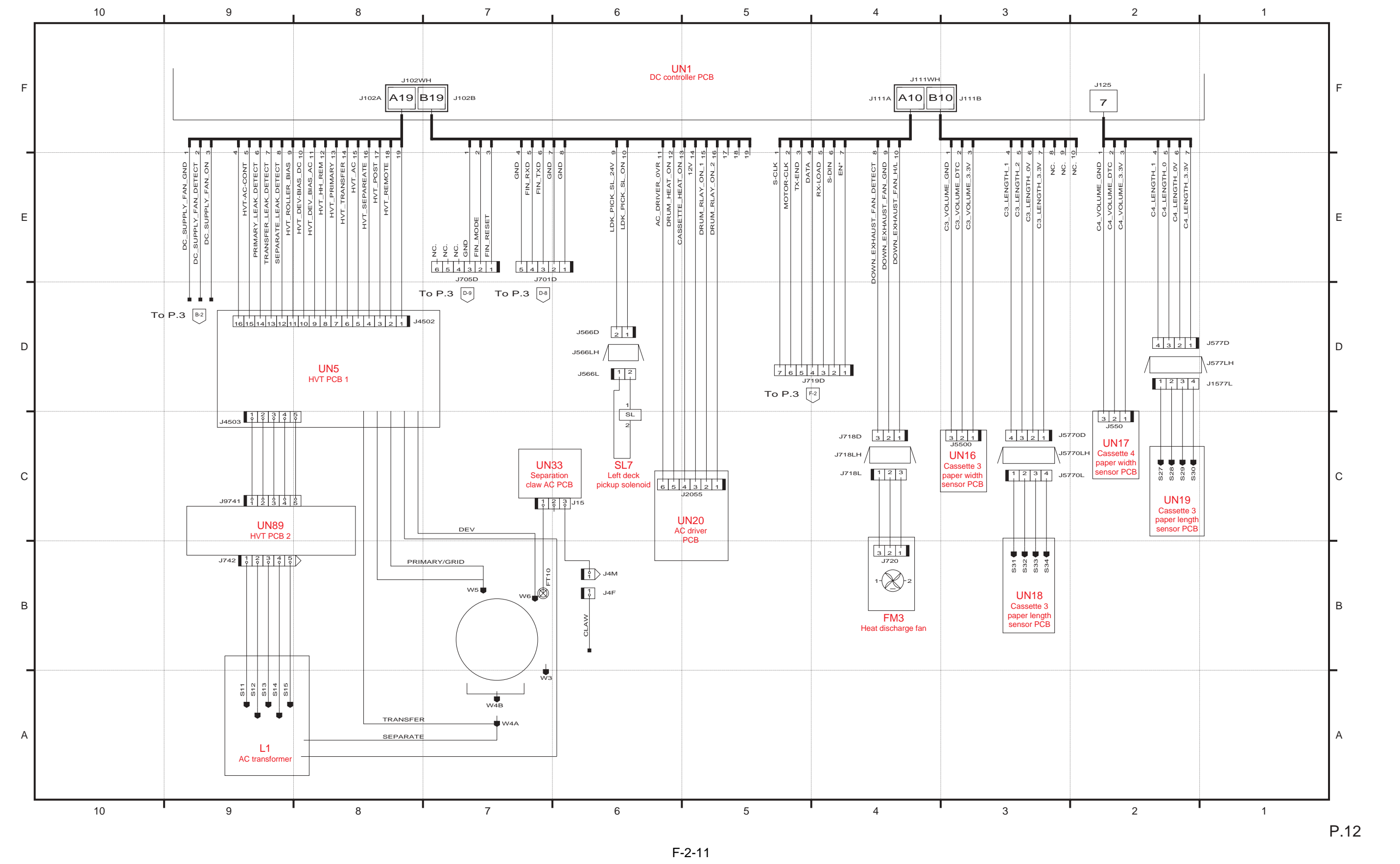


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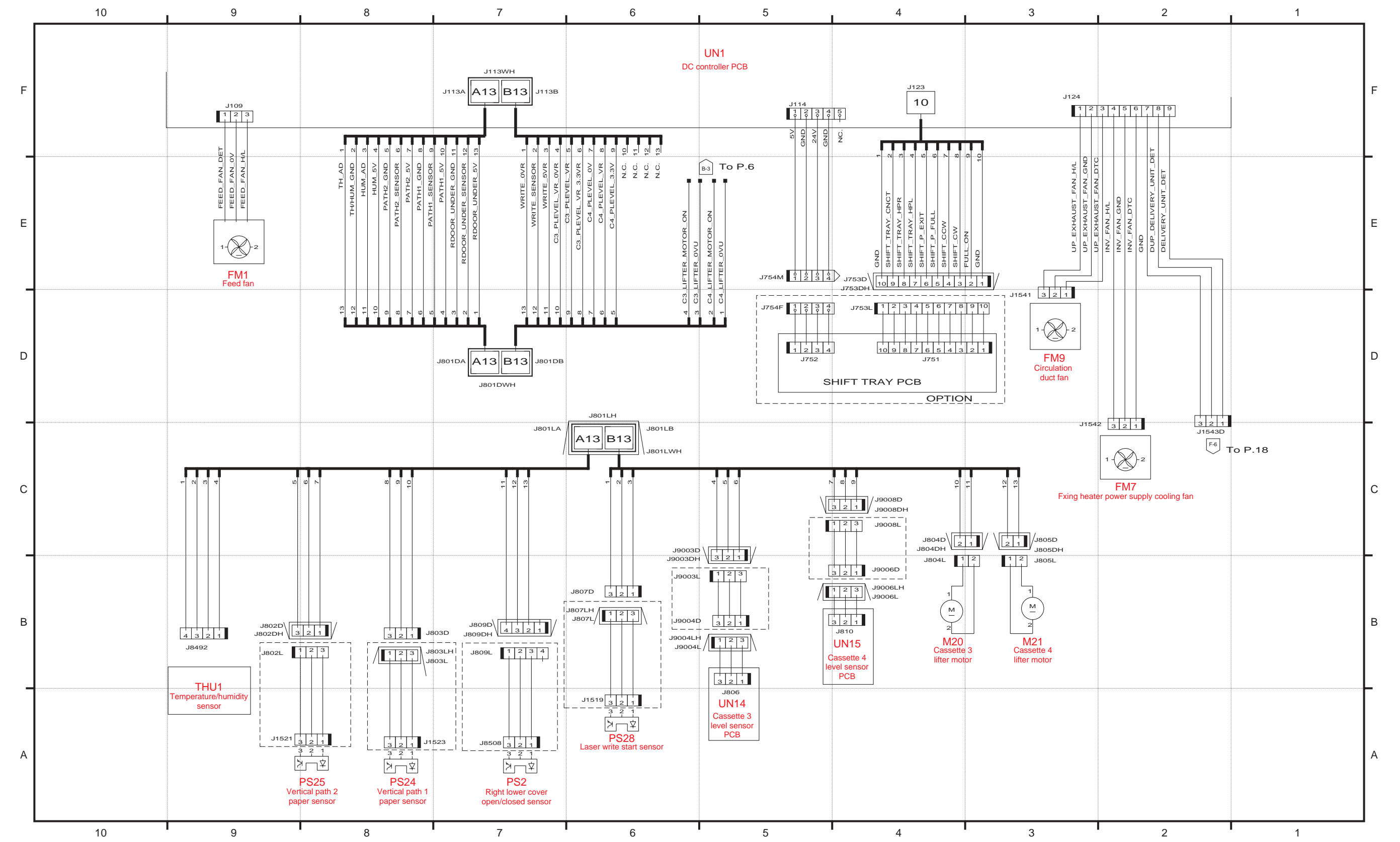




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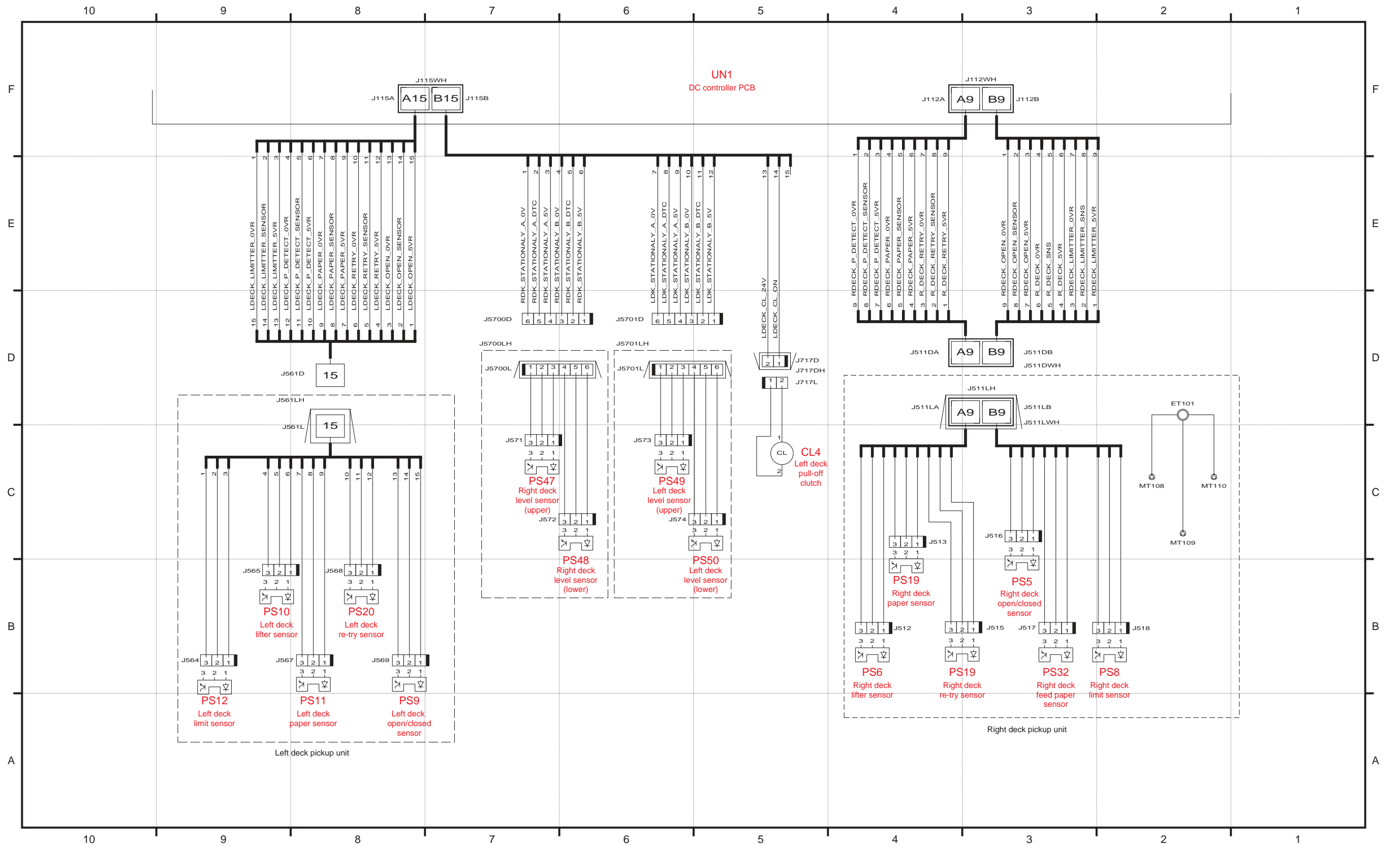






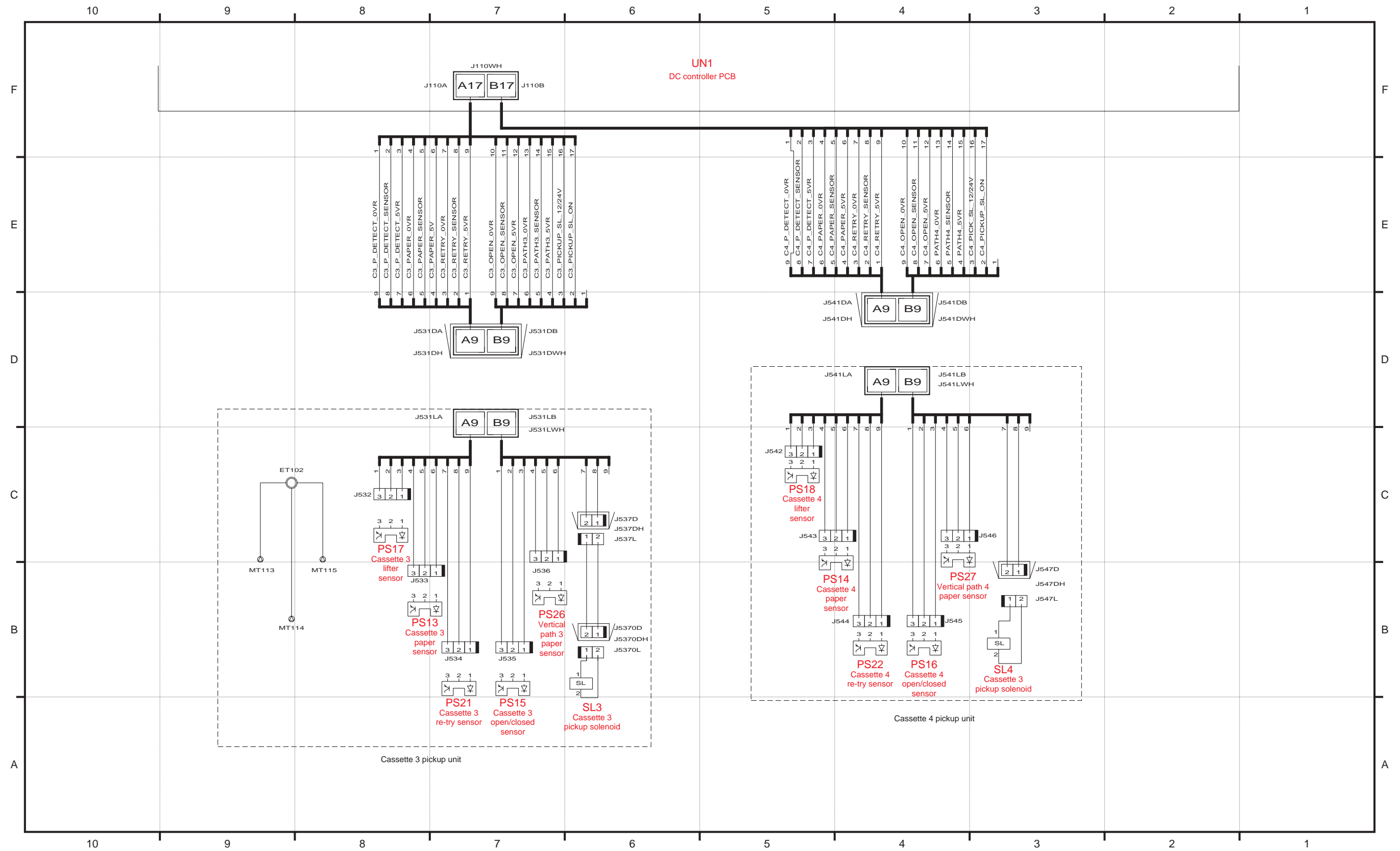
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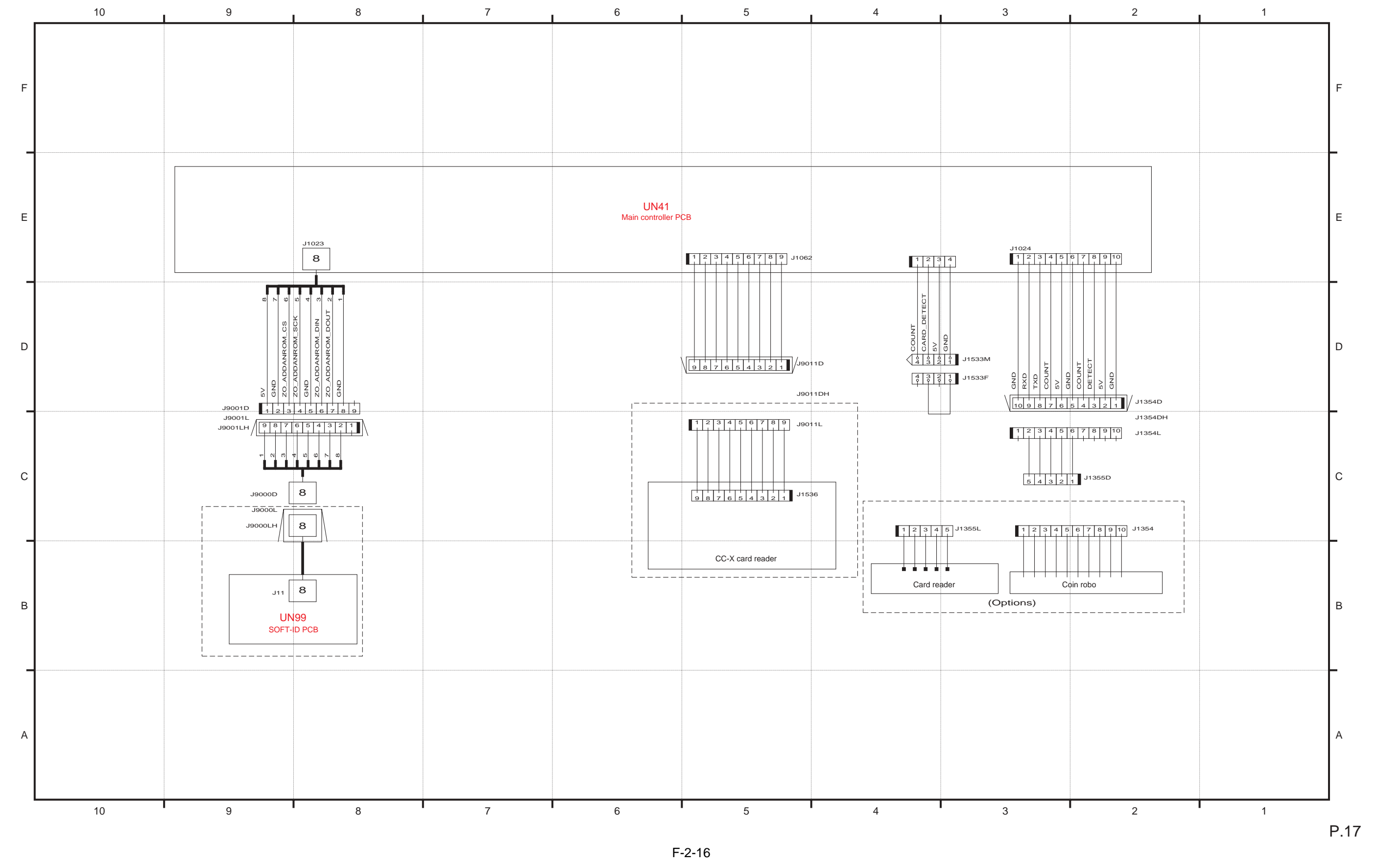
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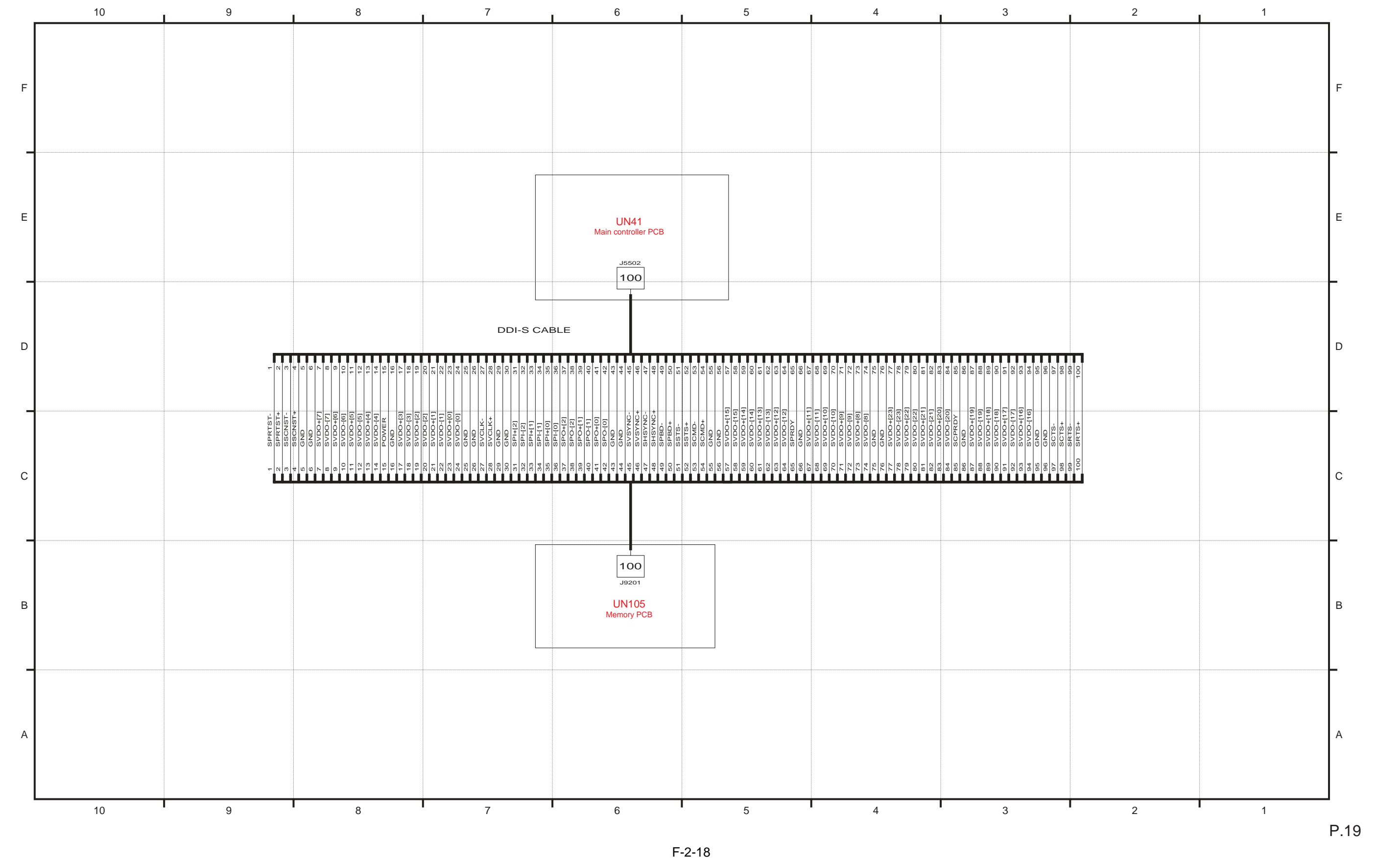


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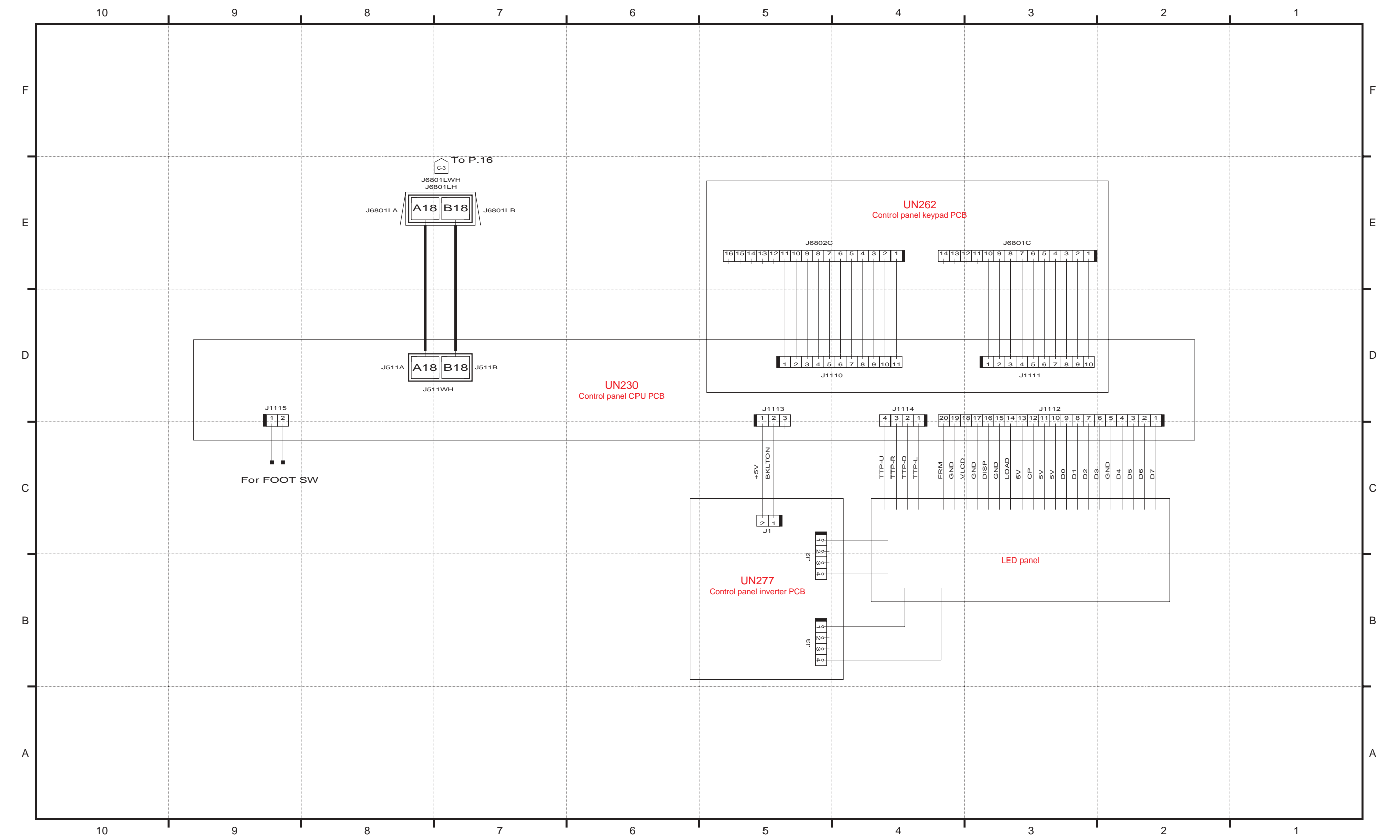
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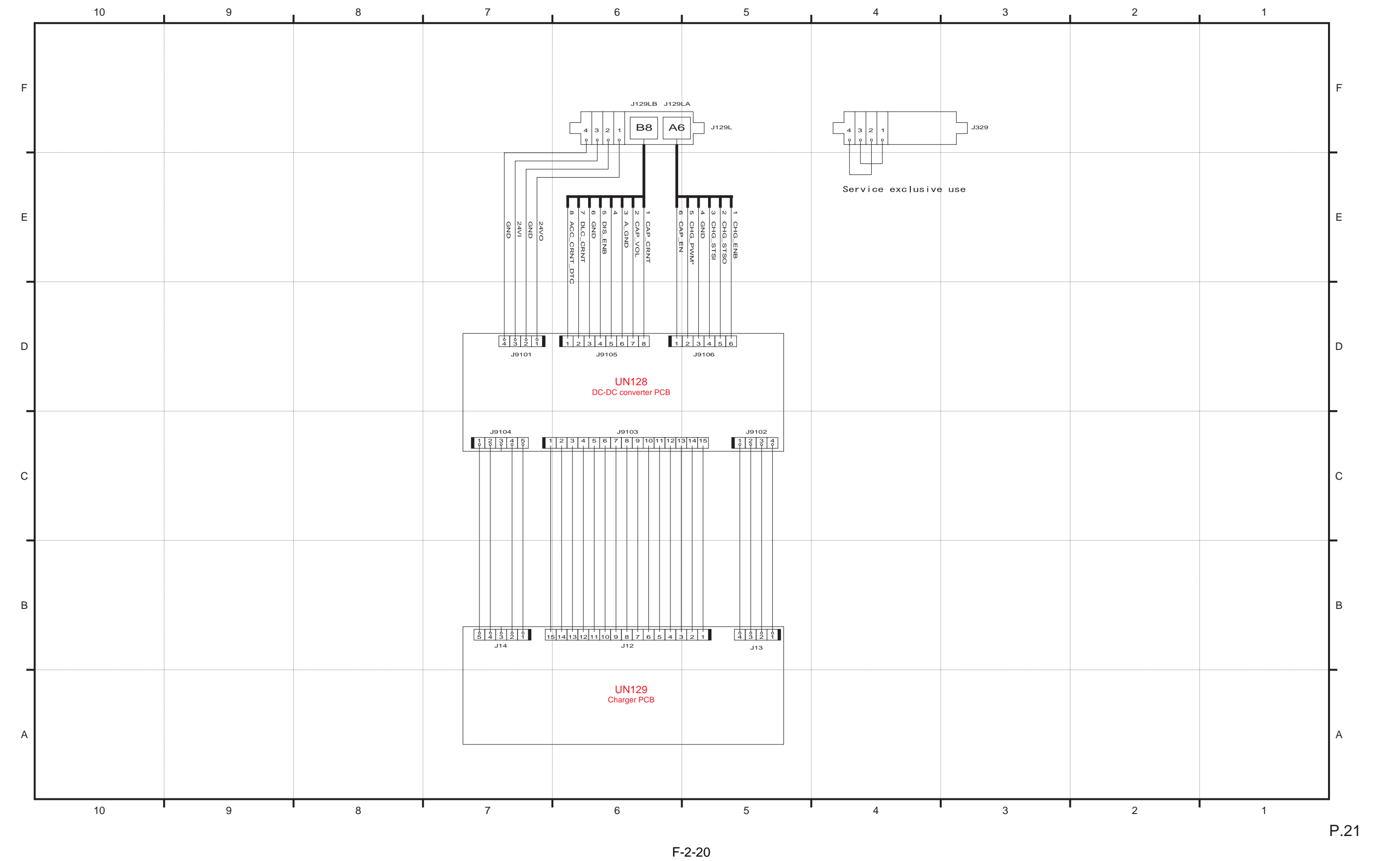
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