

SIGNALS AND ABBREVIATIONS

What follows below is a list of signals and abbreviations used in the chapters of the manual and circuit diagrams.
The abbreviations within parentheses represent analog signals, which cannot be expressed in terms of ‘1’ or ‘0’.

1. Signals

ACBIAS	AC BIAS OSCILLATION signal
[AE]	AE SENSOR OUTPUT signal
AEREF	AE SENSOR REFERENCE signal
BIAS_PWM	DC BIAS CONTROL signal
BIAS_S	DC BIAS MONITOR signal
CLK32K	TRANSFORMER CONTROL signal
CPUSD	CASSETTE PICKUP SOLENOID DRIVE signal
DPD	DELIVERY PAPER DETECTION signal
DV_AC_ON	DEVELOPING AC BIAS ON signal
DV_DC_ON	DEVELOPING DC BIAS ON signal
FM1D	SCANNER COOLING FAN DRIVE signal
HEAT_ERR	FIXING HEATER ERROR signal
HEAT_OFF	FIXING HEATER OFF signal
HEAT_PWM	FIXING HEATER DUTY signal
HEAT_TRG	FIXING HEATER DRIVE signal
LAMP_DETECT	LAMP ACTIVATION DETECTION signal
LAMP_ON	SCANNING LAMP ACTIVATION signal
LHP	LENS HOME POSITION signal
LNSLD	LENS SOLENOID DRIVE signal
MFSLD	MULTIFEEDER PICKUP SOLENOID DRIVE signal
MLOCK	MAIN MOTOR CONSTANT SPEED signal
MMCLK	MAIN MOTOR CLOCK PULSE signal
MMD	MAIN MOTOR DRIVE signal
P_C_S	DC BIAS CURRENT DETECTION signal
PCSLD	DC VOLTAGE MONITOR signal
PDC_PWM	DC BIAS CONTROL signal
PDC_S	DC VOLTAGE MONITOR signal
PDP	VERTICAL PATH ROLLER PAPER DETECTION signal
PEXP	PRE-EXPOSURE LAMP CONTROL signal
PR_DC_ON	PRIMARY CHARGING DC BIAS ON signal
PUSLD	PICKUP CLUTCH SOLENOID DRIVE signal
PWM_1KHz	SCANNING LAMP INTENSITY ADJUSTMENT signal
PWOFF	POWER SWITCH OFF signal
RGSLD	REGISTRATION CLUTCH SOLENOID DRIVE signal
RLOFF	RELAY DRIVE signal
RPD	PRE-REGISTRATION ROLLER PAPER DETECTION signal
SB_LP	SIDE BLANK EXPOSURE LAMP ON signal
SC_A	SCANNER MOTOR PULSE signal A
SC_B	SCANNER MOTOR PULSE signal B
SC_COM	SCANNER MOTOR DRIVE signal
SCHP	SCANNER HOME POSITION signal
TCNTD	TOTAL COPY COUNTER DRIVE signal
T_FEEDBACK	TRANSFER BIAS VOLTAGE DETECTION signal
T_FW_DRV	TRANSFER DC BIAS CONTROL signal

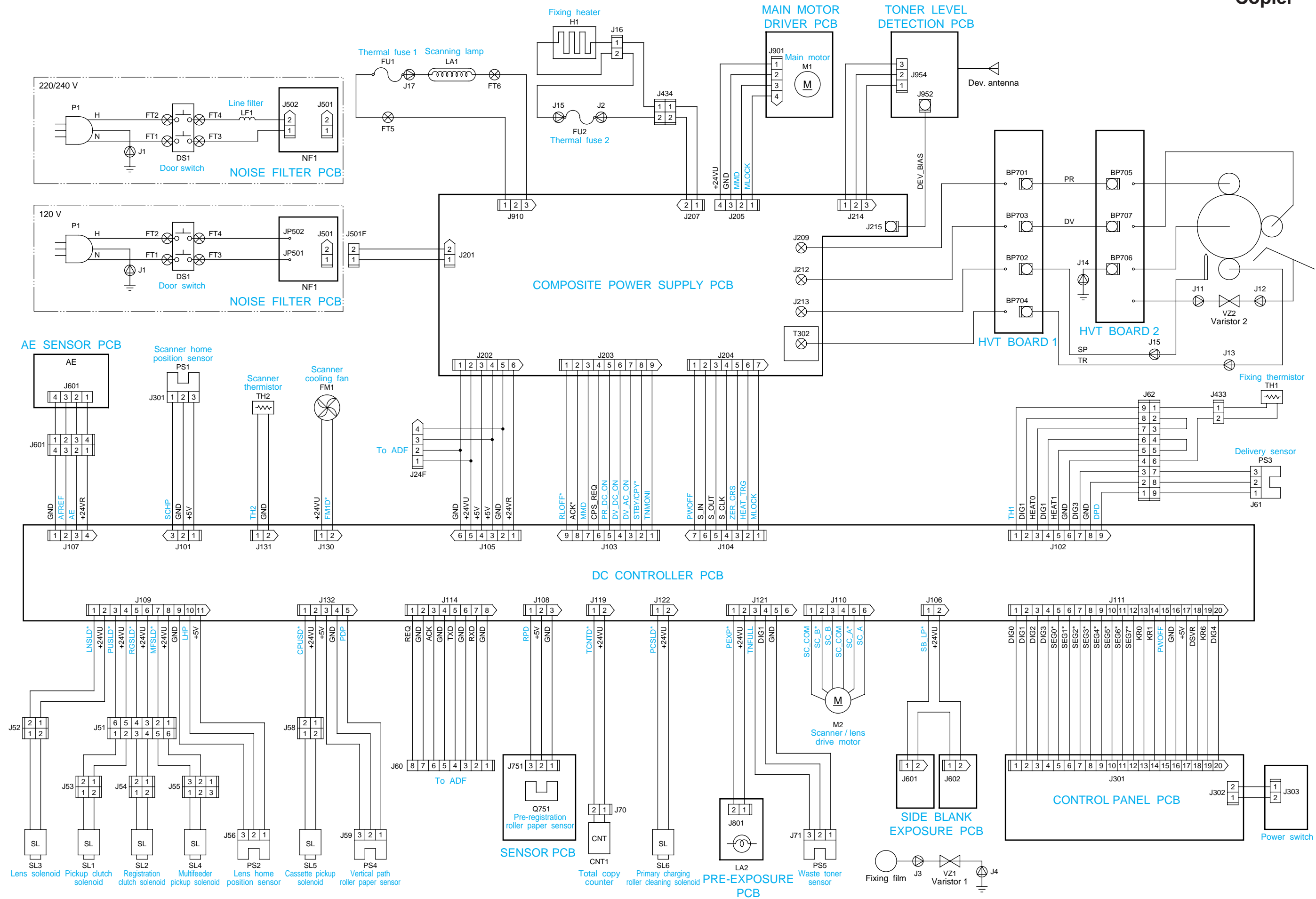
T_FW_ON	TRANSFER DC BIAS ON signal
T_FW_S	TRANSFER CURRENT DETECTION signal
TNFULL	WASTE TONER DETECTION signal
TNMONI	TONER LEVEL signal
T_REV_ON	TRANSFER POSITIVE DC BIAS ON signal
[TH1]	FIXING THERMISTOR signal
[TH2]	SCANNER THERMISTOR signal

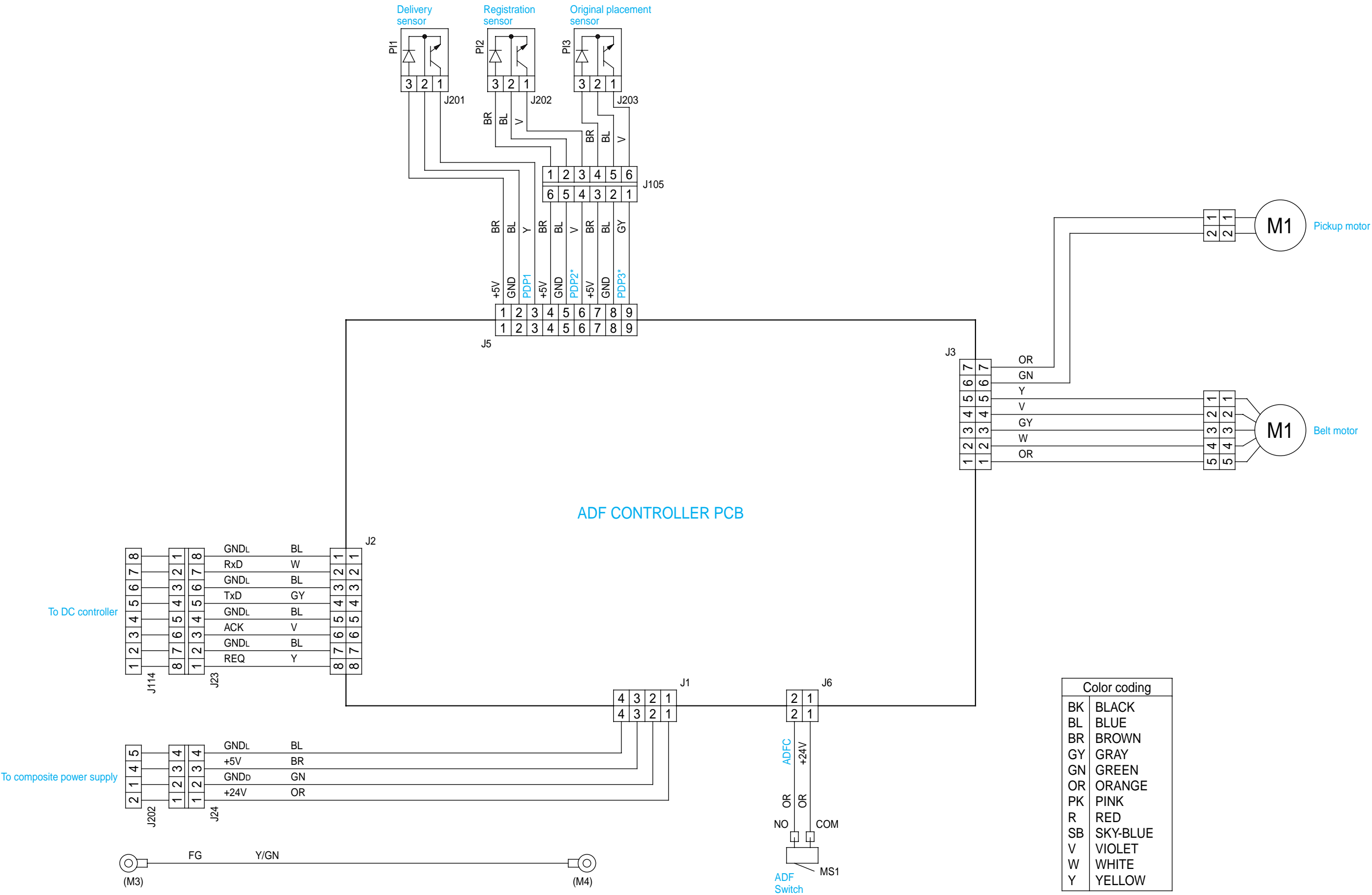
2. Abbreviations

AER	AE (MEASUREMENT) ROTATION
INTR	INITIAL ROTATION
LSTR	LAST ROTATION
SCFW	SCANNER FORWARD
SCRV	SCANNER REVERSE
STBY	STANDBY

GENERAL CIRCUIT DIAGRAM

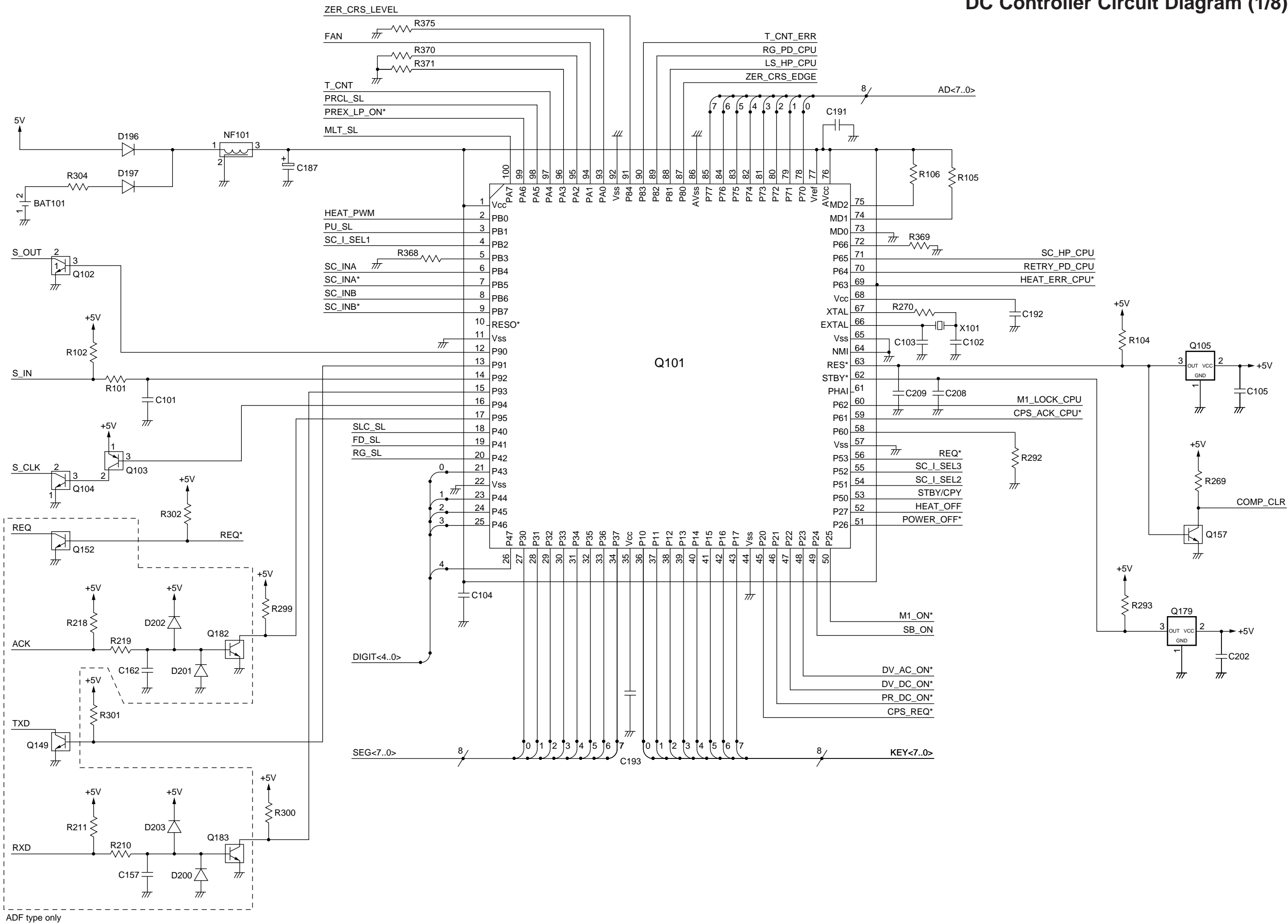
Copier



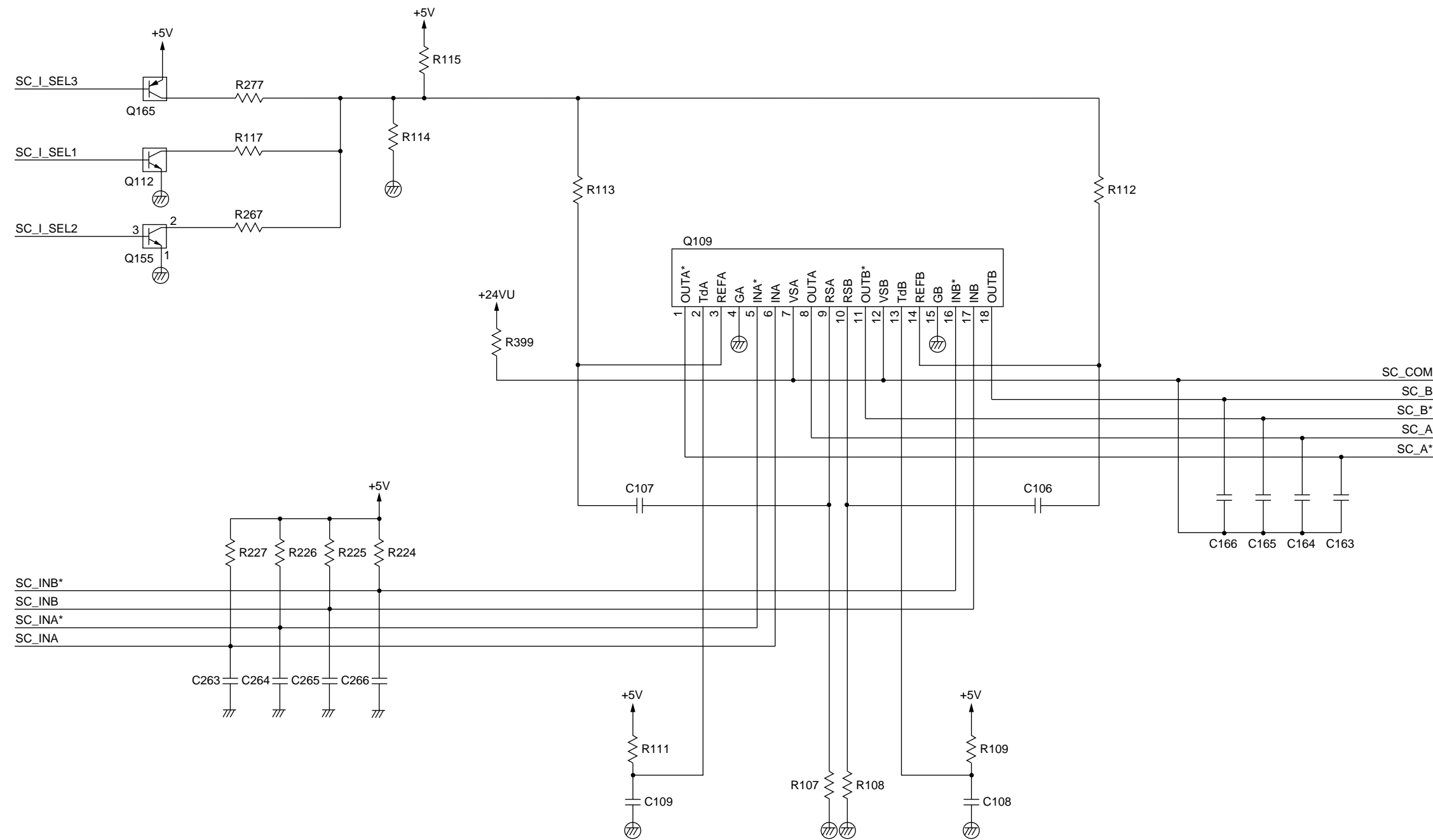


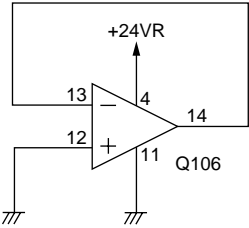
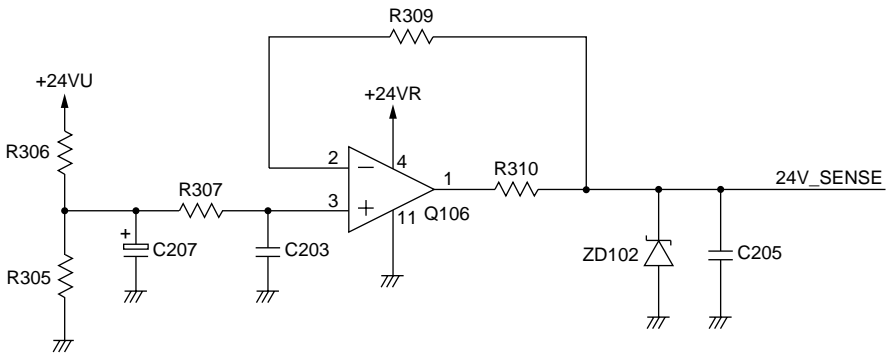
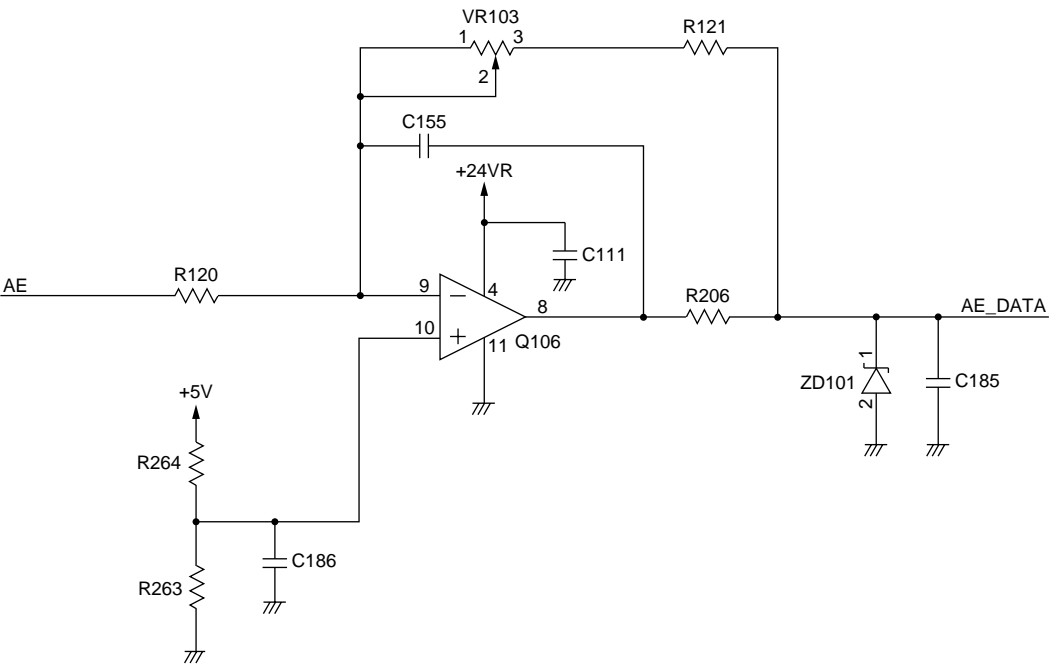
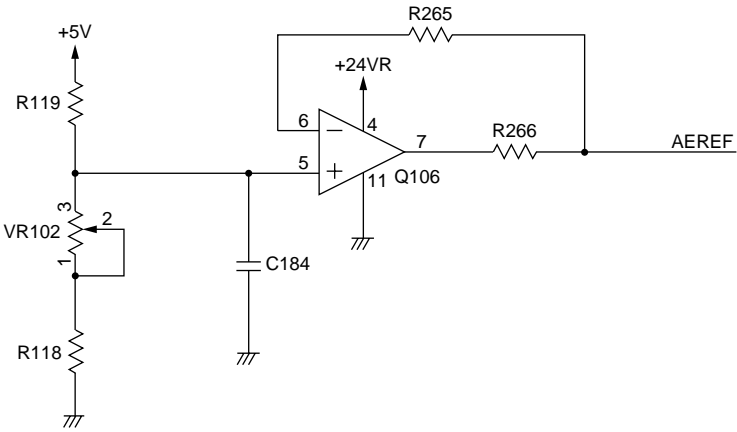
DC CONTROLLER CIRCUIT DIAGRAM

DC Controller Circuit Diagram (1/8)

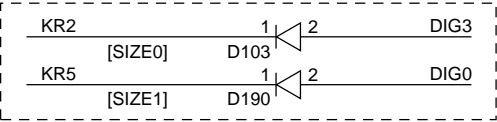
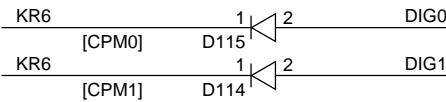
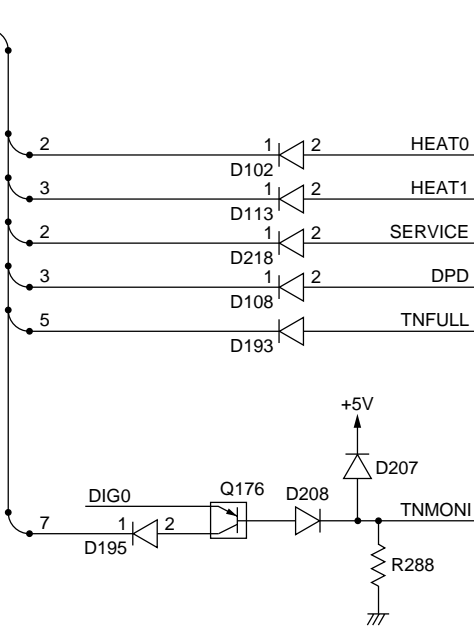
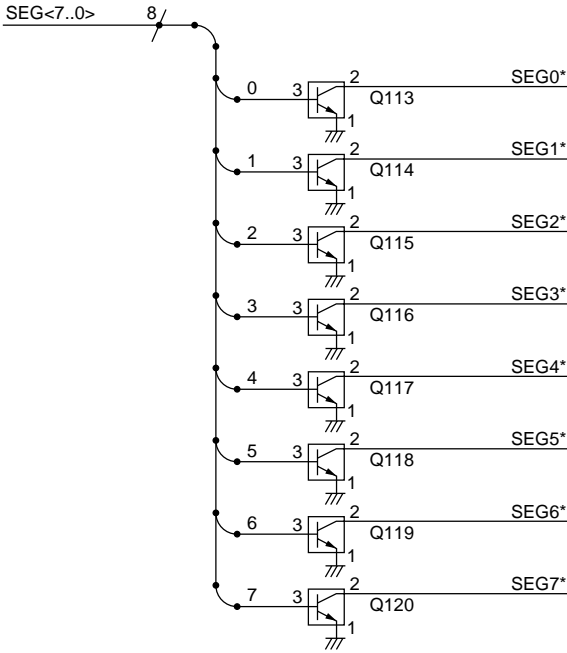
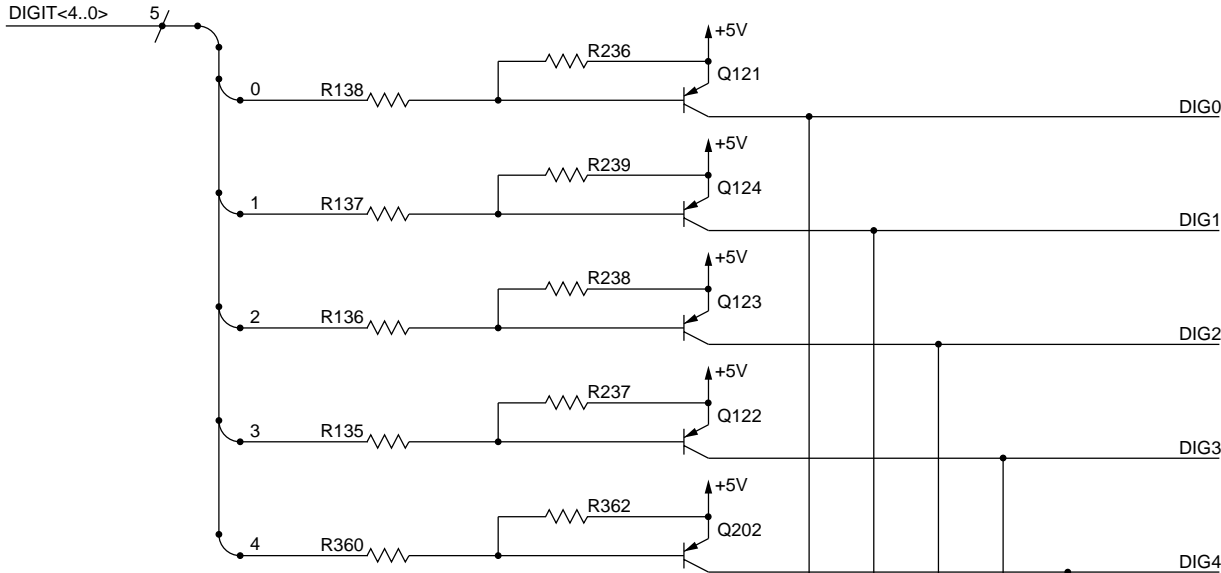
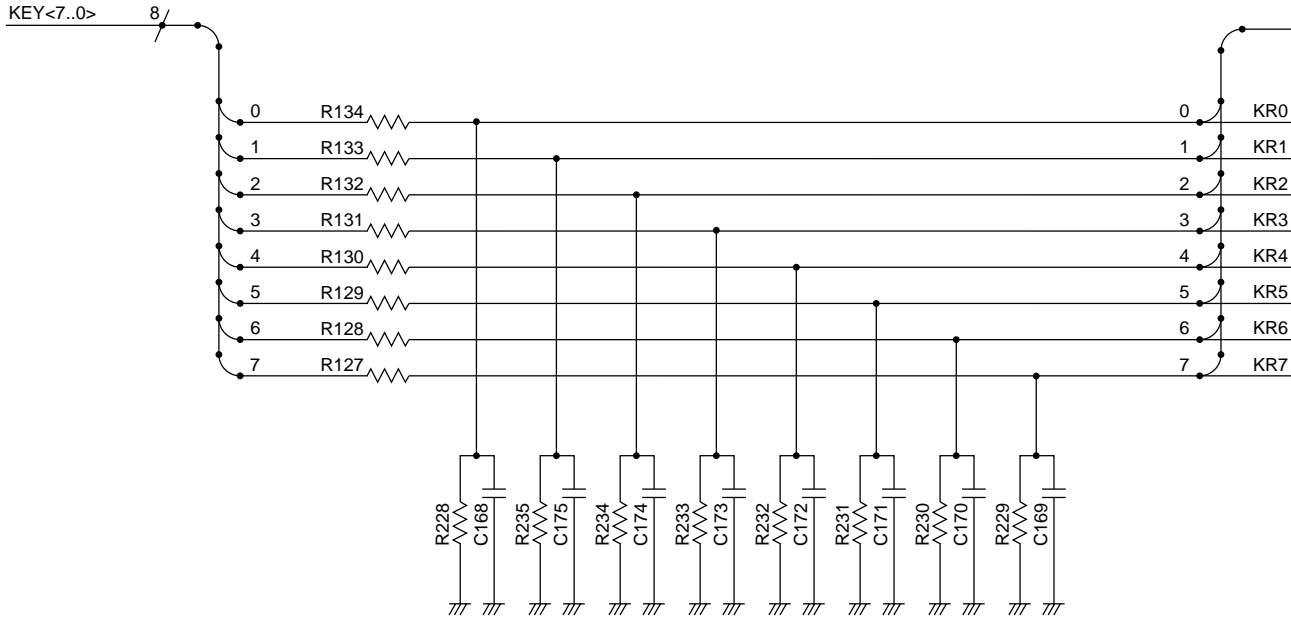


DC Controller Circuit Diagram (2/8)

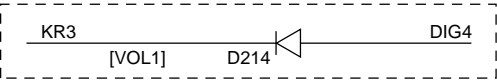




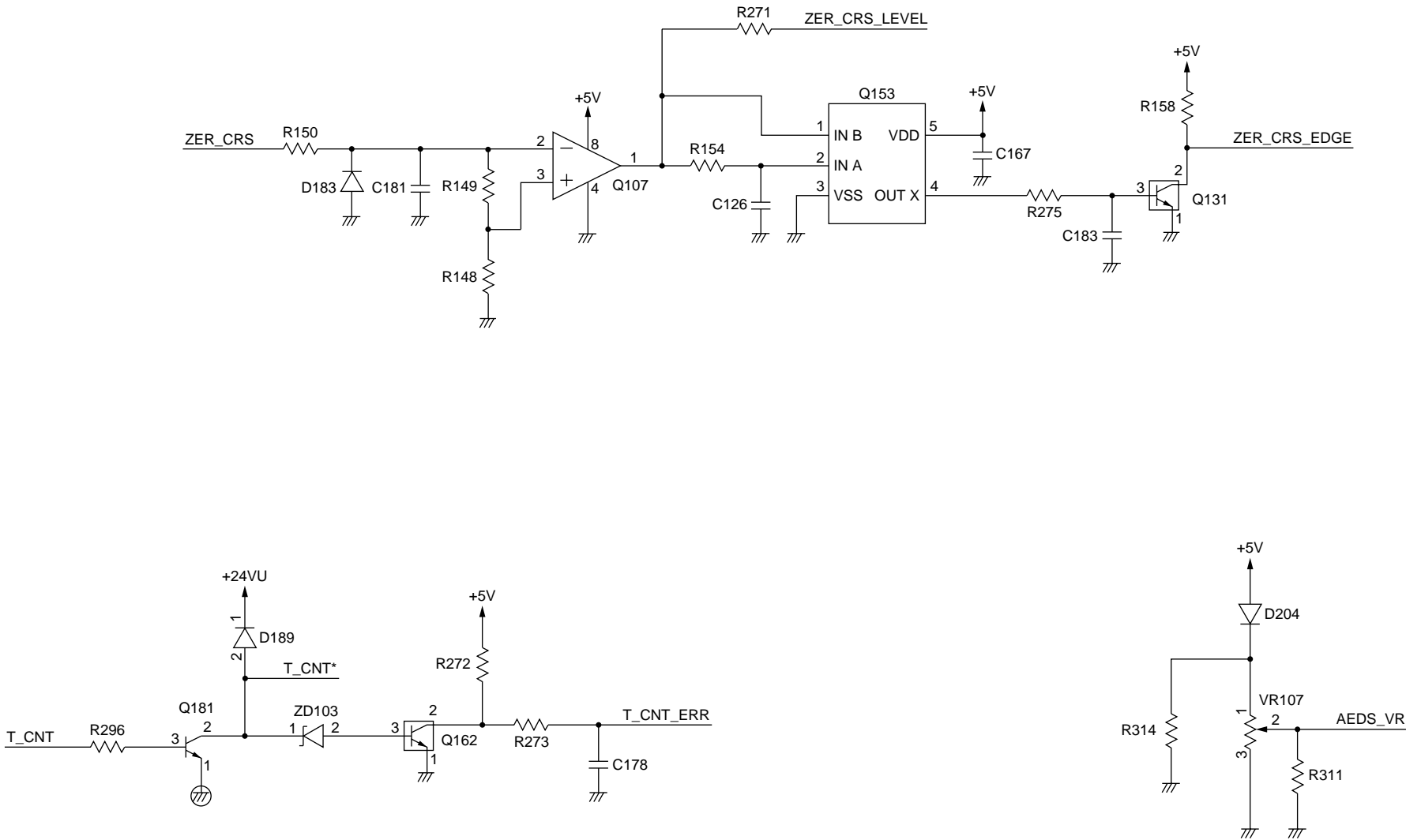
DC Controller Circuit Diagram (4/8)



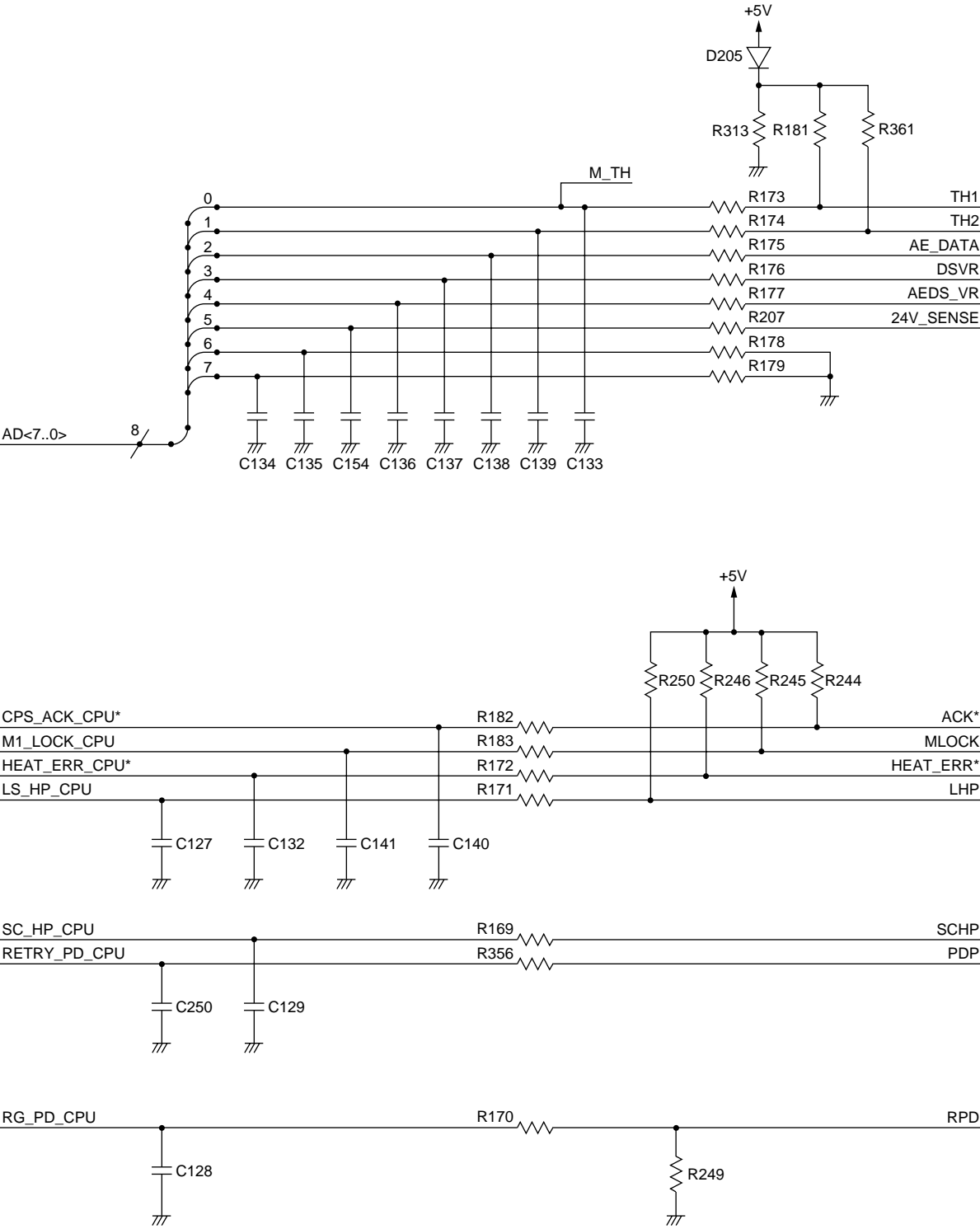
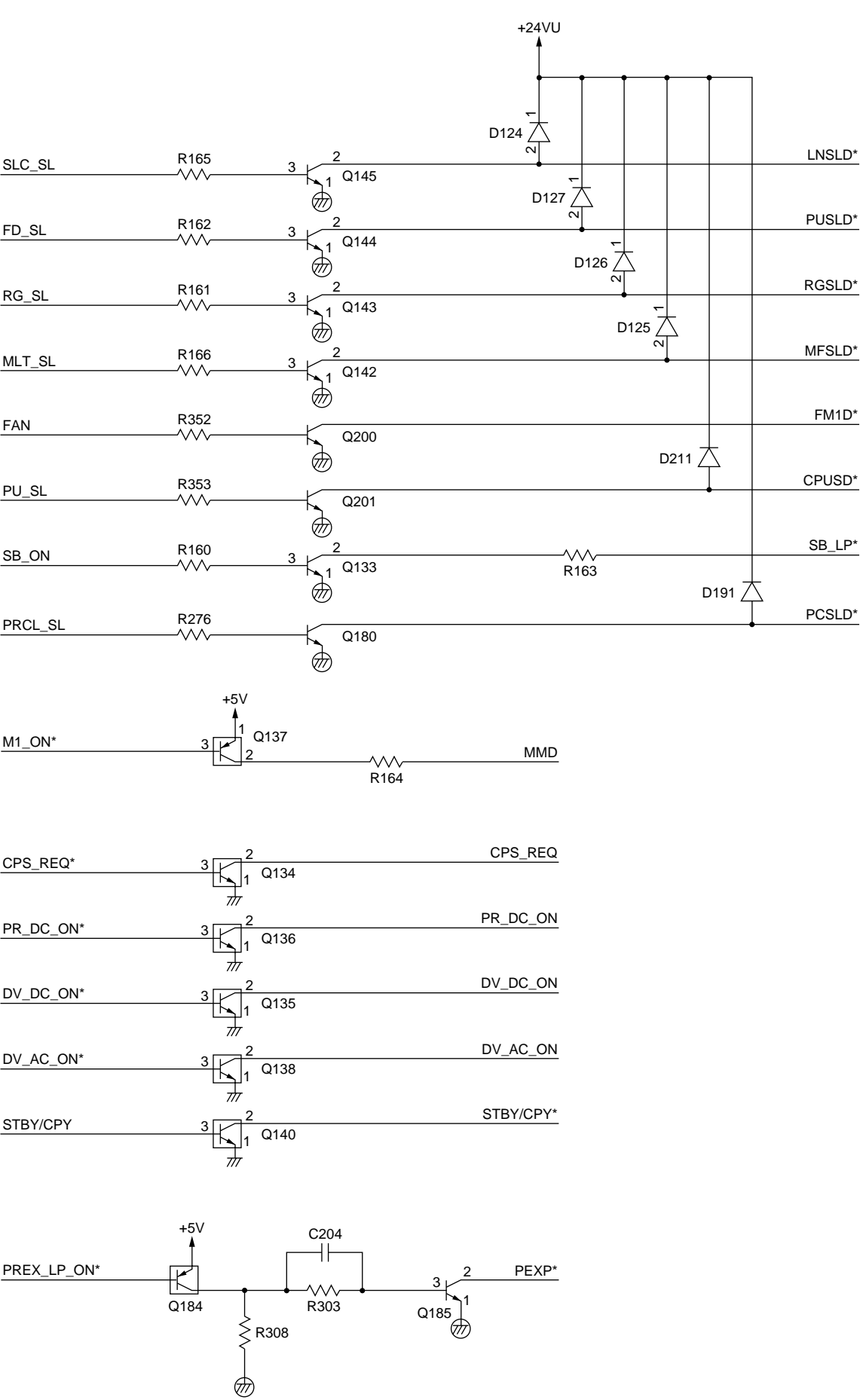
	AB/inch	inch
D103	○	×
D190	○	×



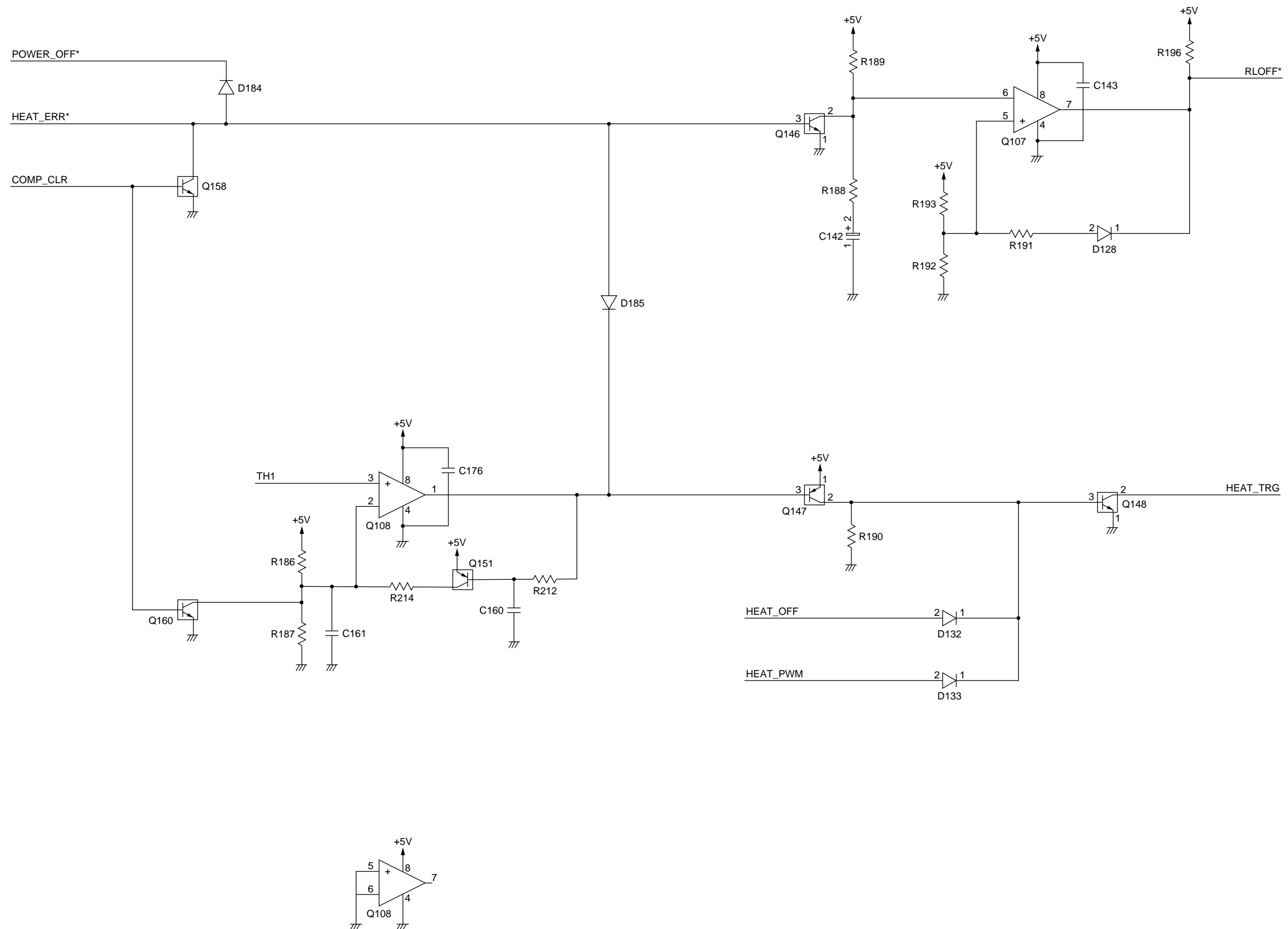
	120V	220/240V
D214	×	○



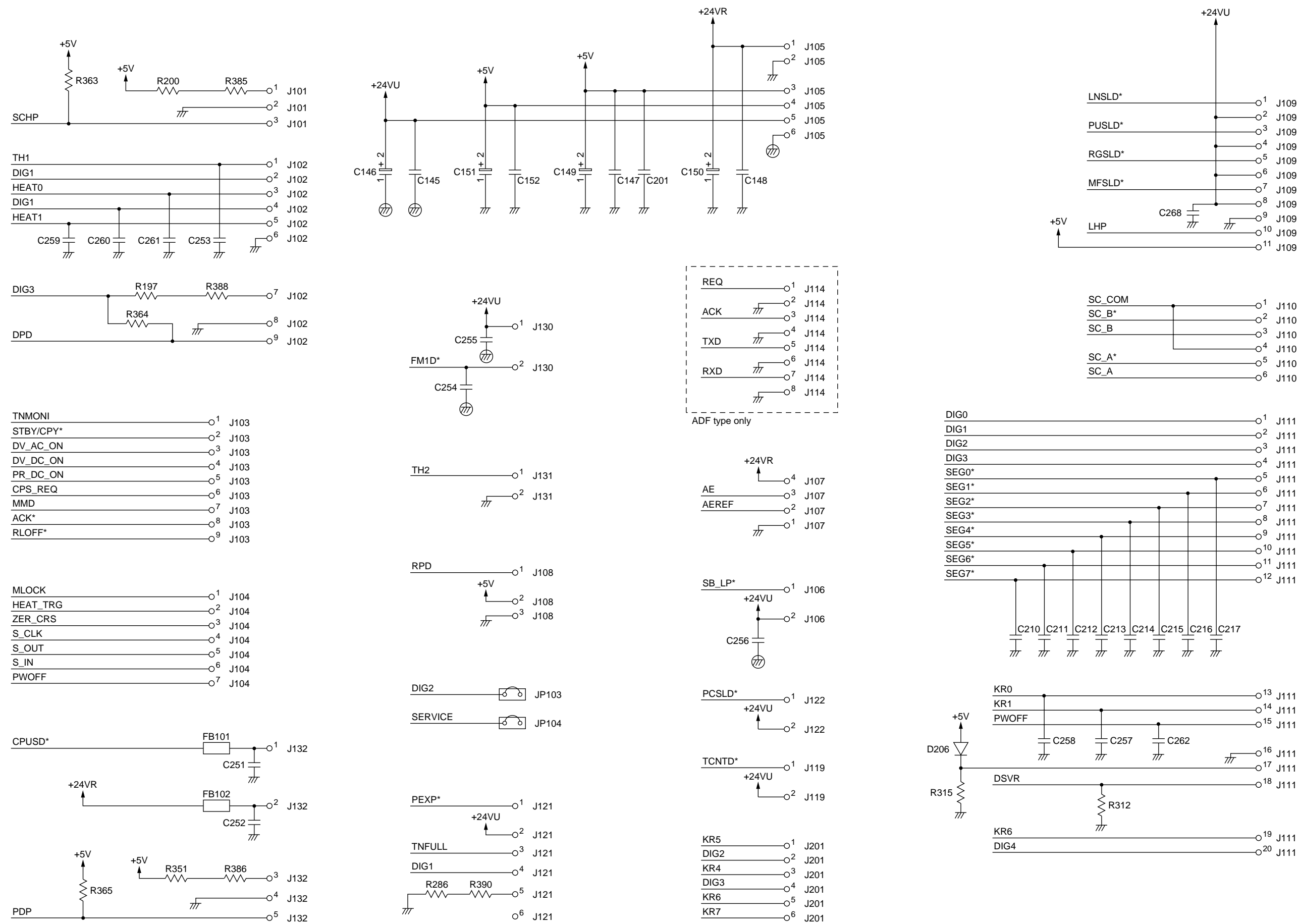
DC Controller Circuit Diagram (6/8)



DC Controller Circuit Diagram (7/8)

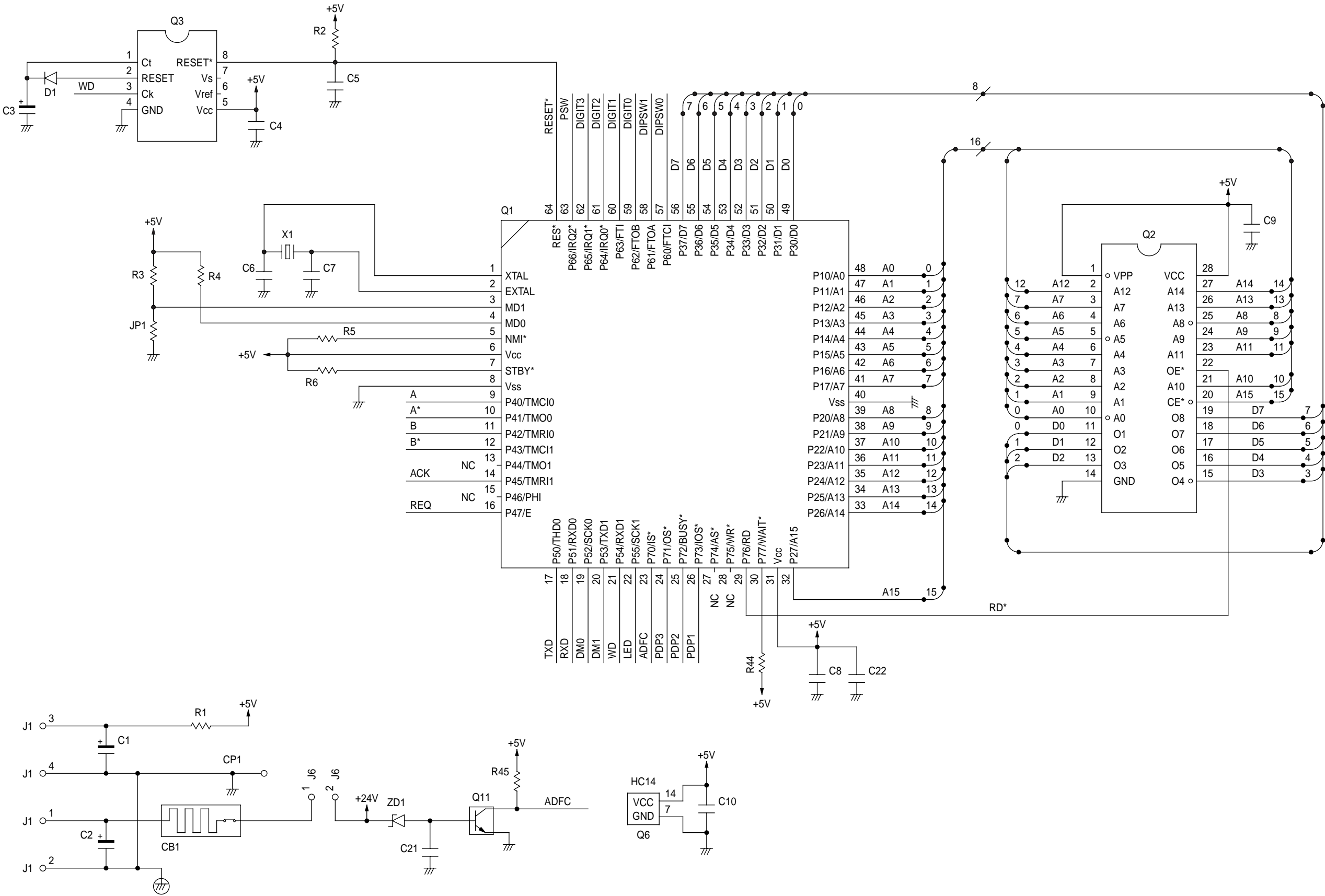


DC Controller Circuit Diagram (8/8)

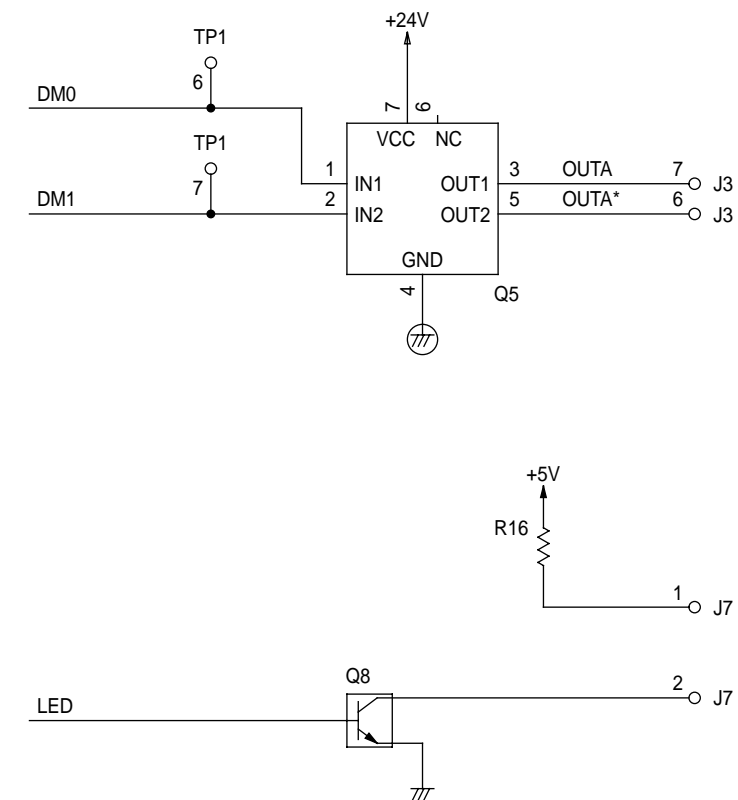
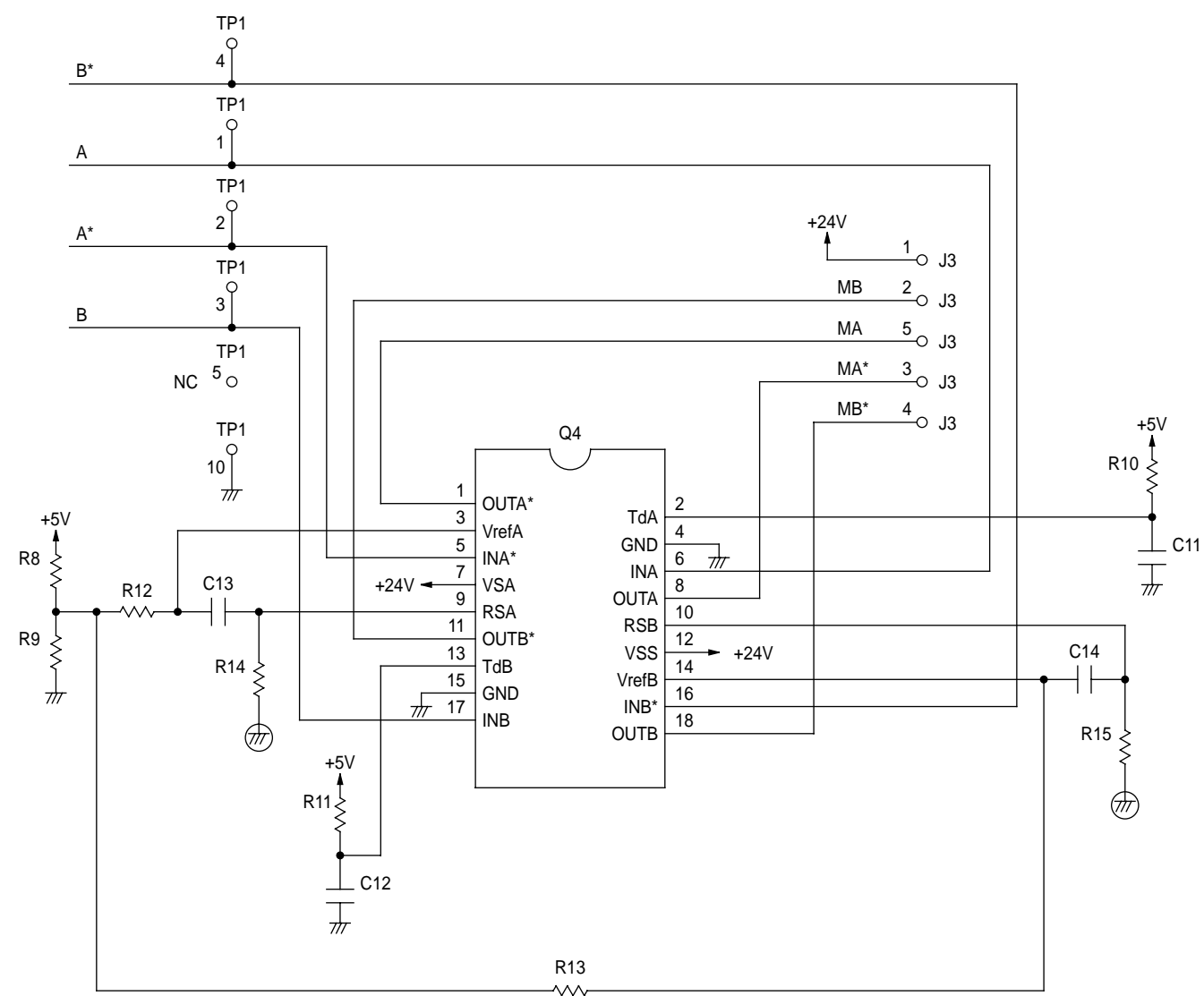


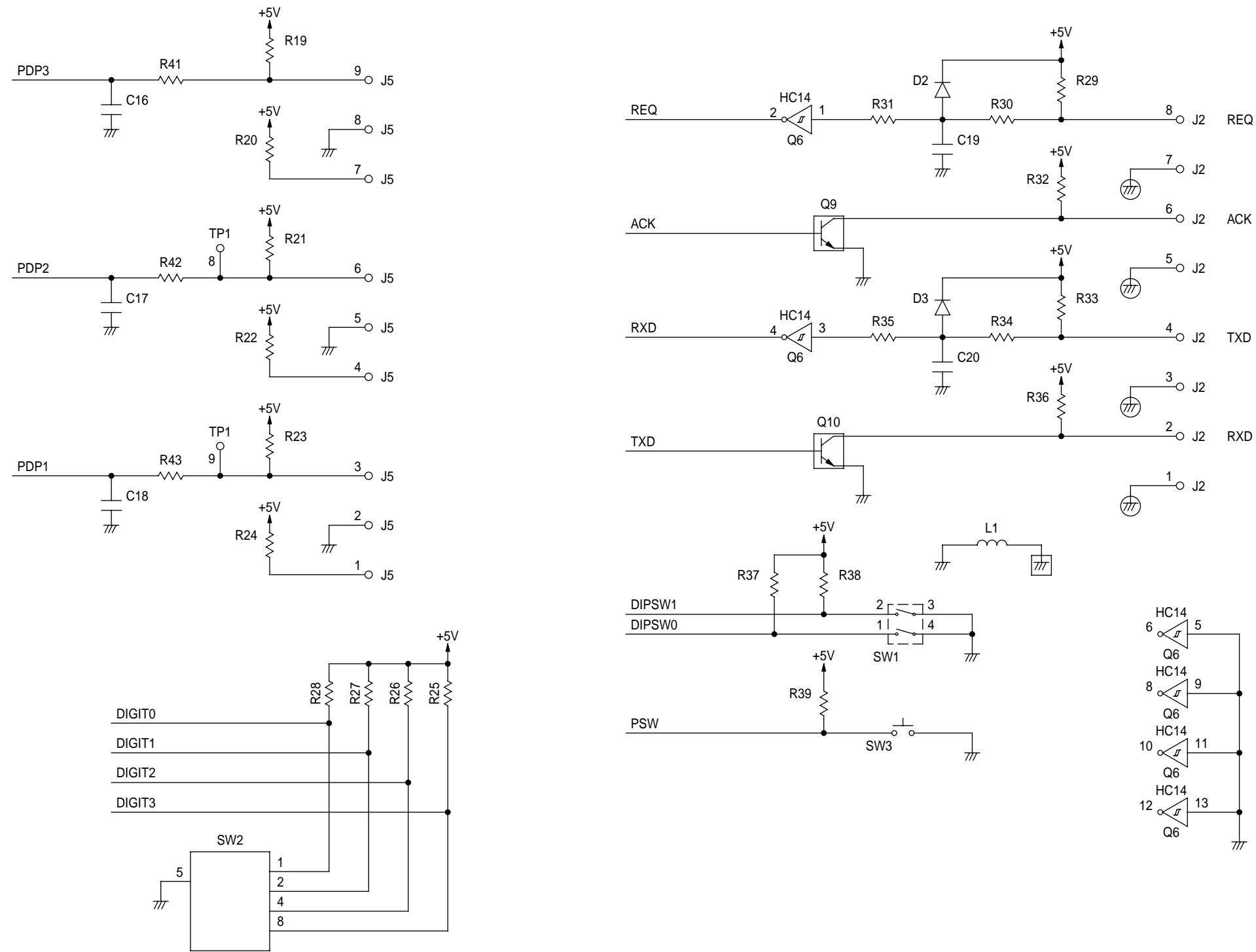
ADF CONTROLLER CIRCUIT DIAGRAM

ADF Controller Circuit Diagram (1/3)



ADF Controller Circuit Diagram (2/3)

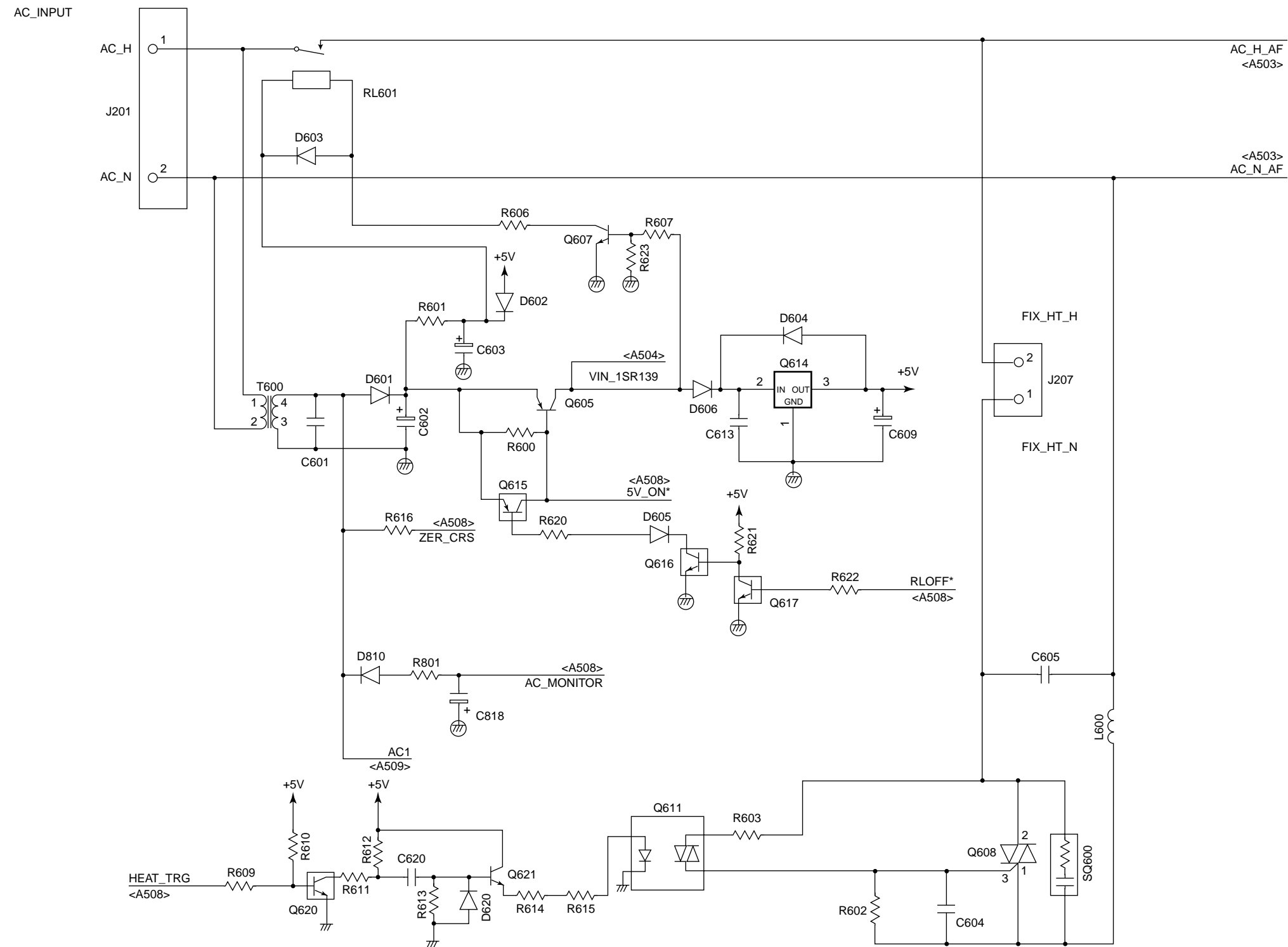




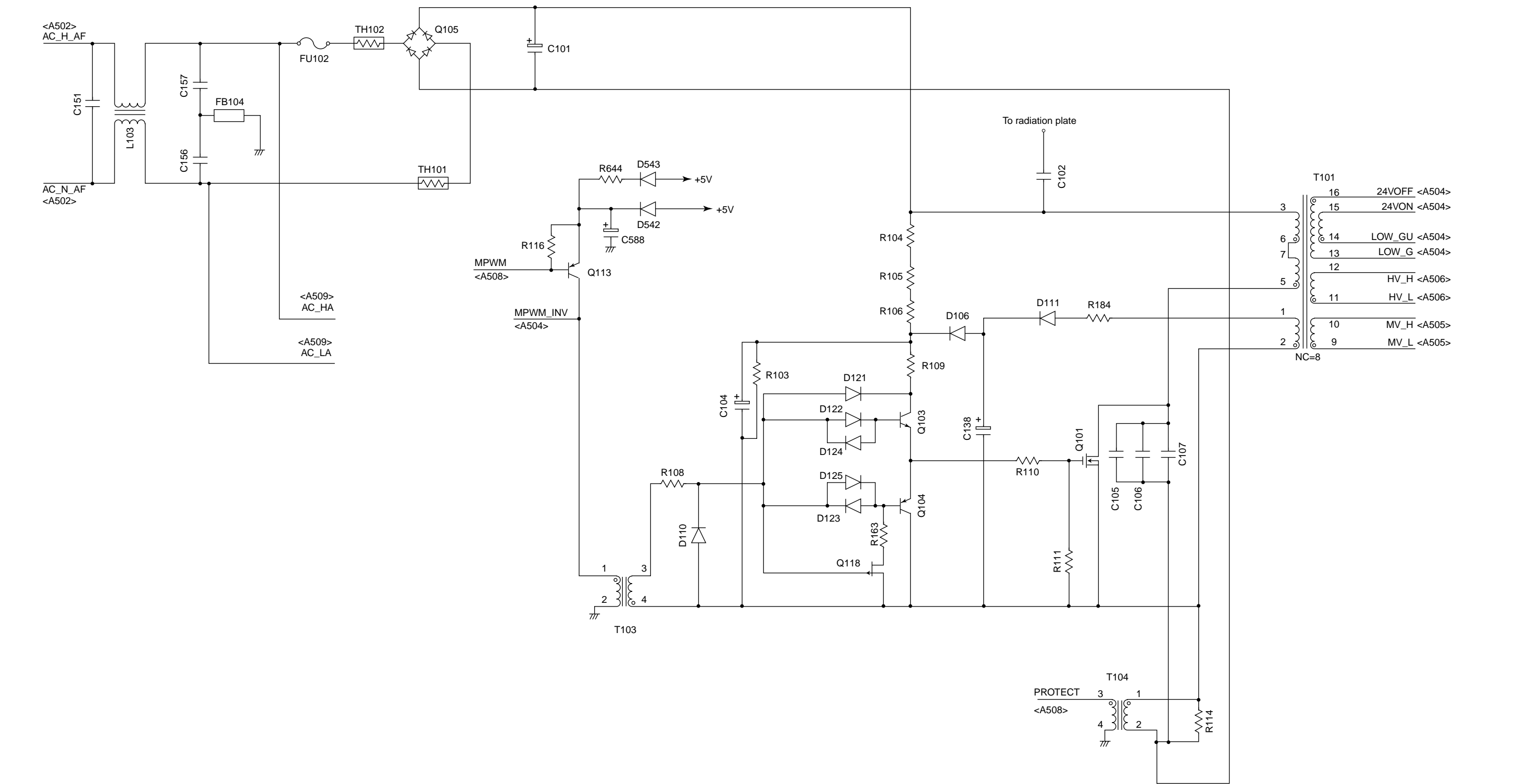
COMPOSITE POWER SUPPLY CIRCUIT DIAGRAM

Composite Power Supply Circuit Diagram (1/9)

[A502]

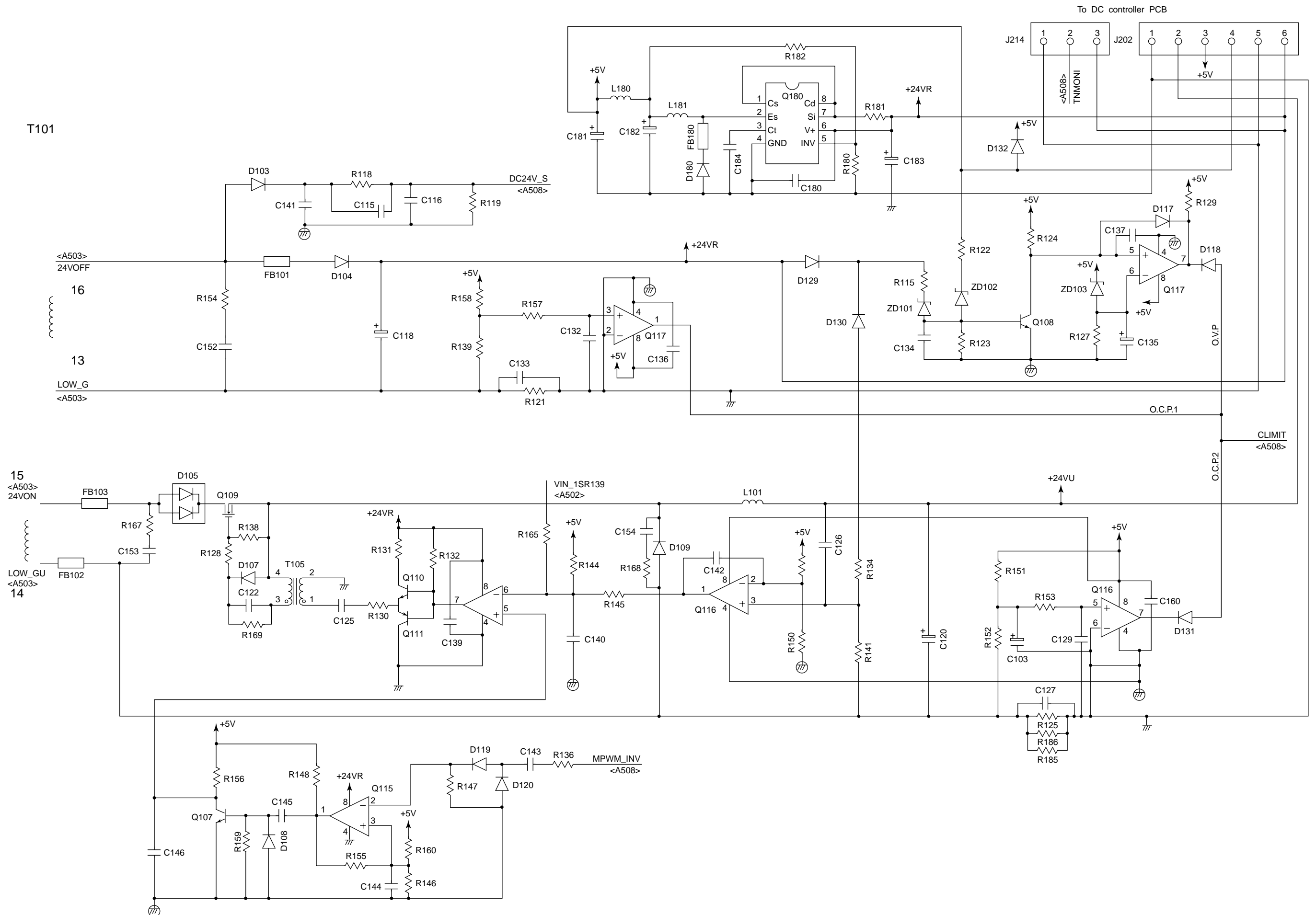


Composite Power Supply Circuit Diagram (2/9)
[A503]

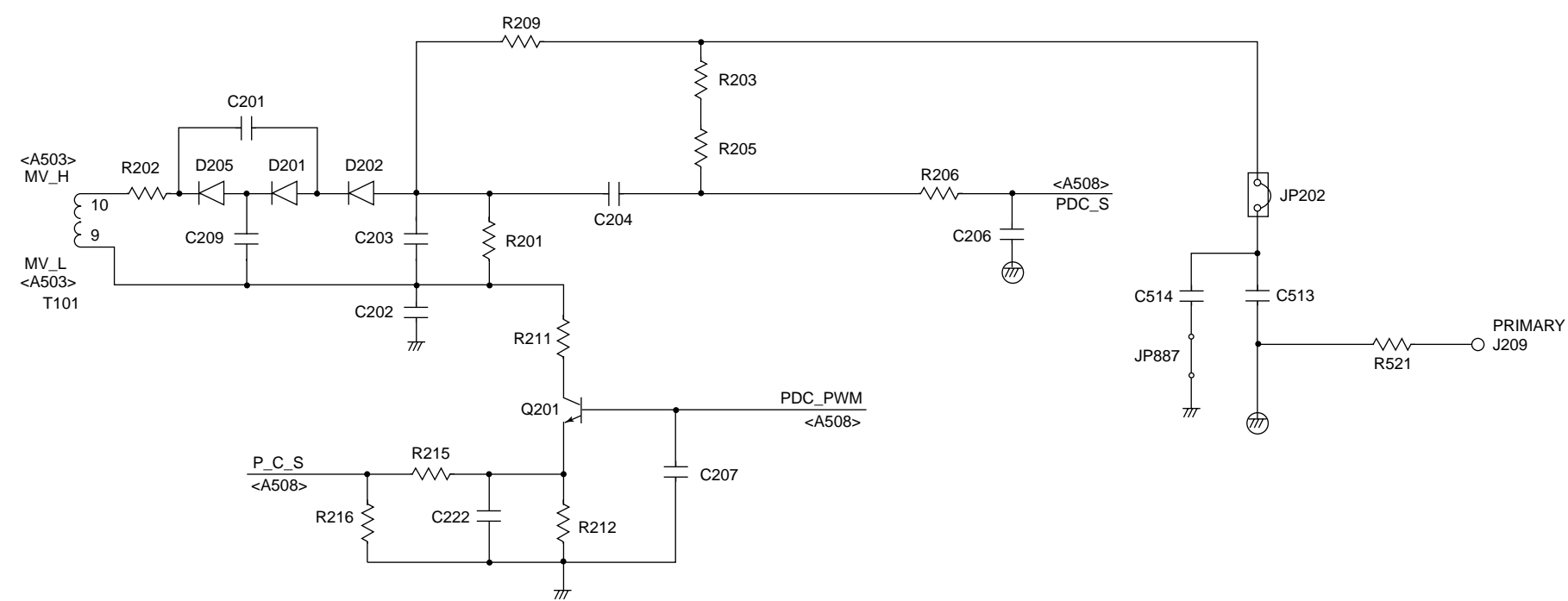


Composite Power Supply Circuit Diagram (3/9)

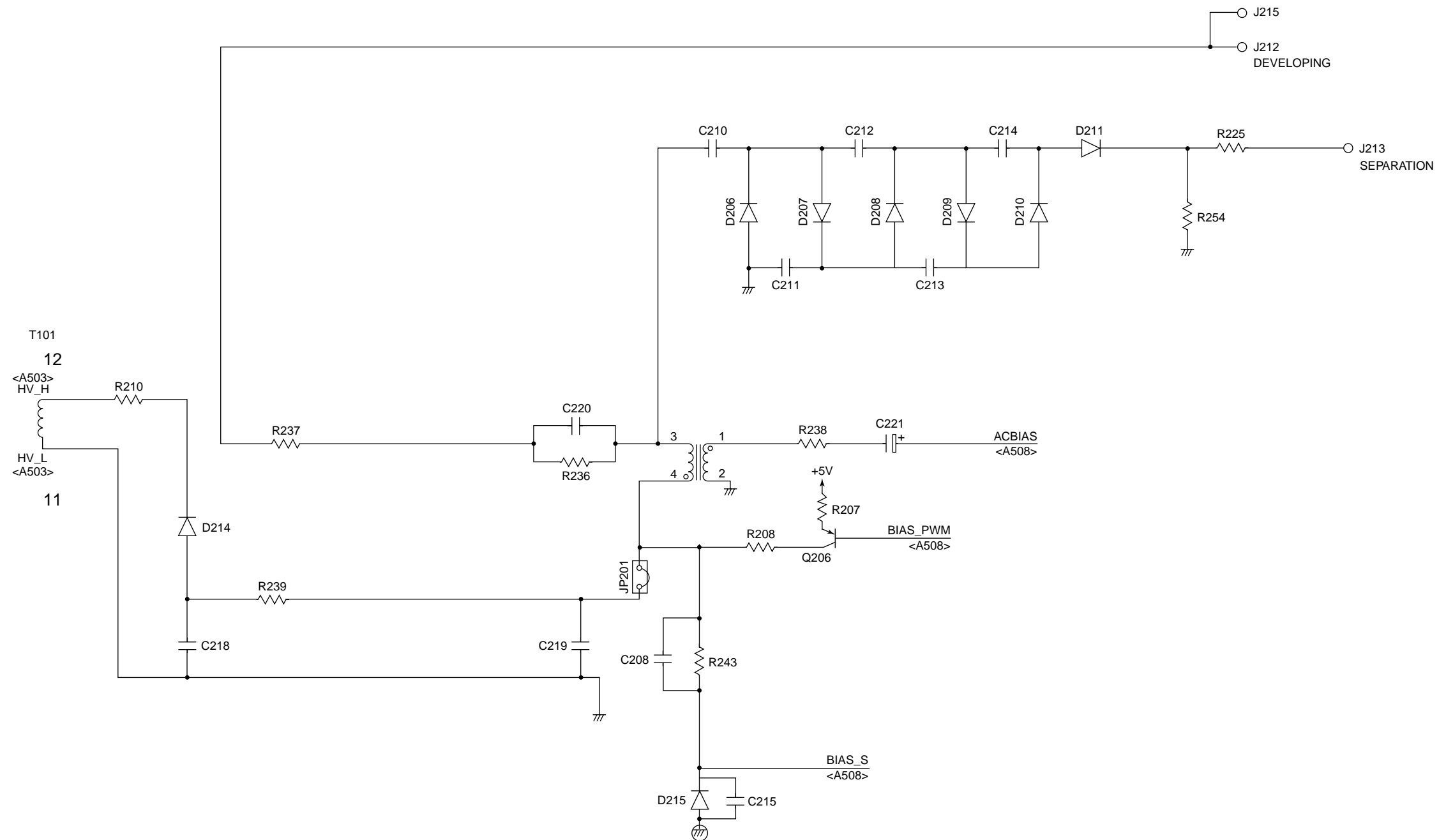
[A504]



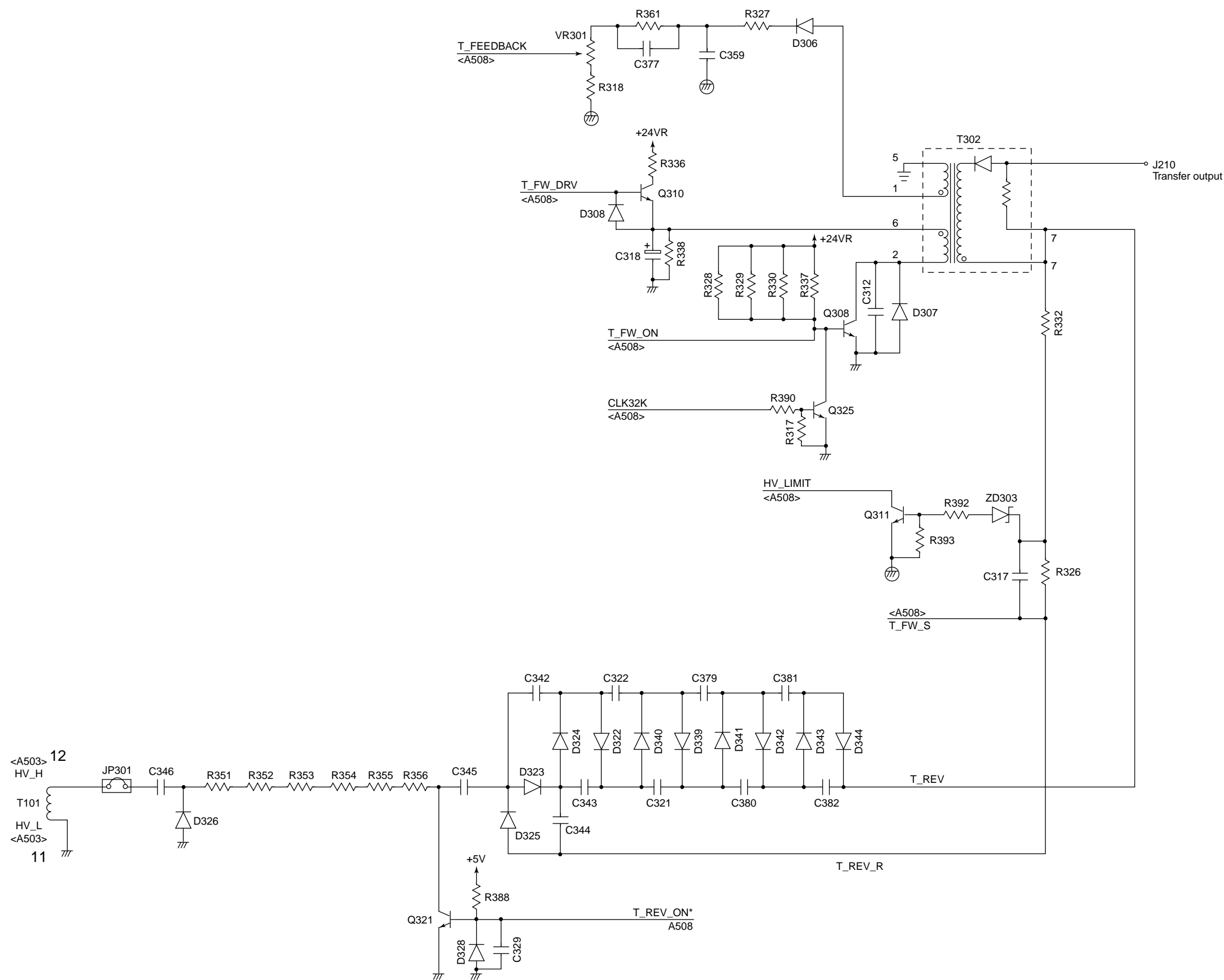
Composite Power Supply Circuit Diagram (4/9)
[A505]



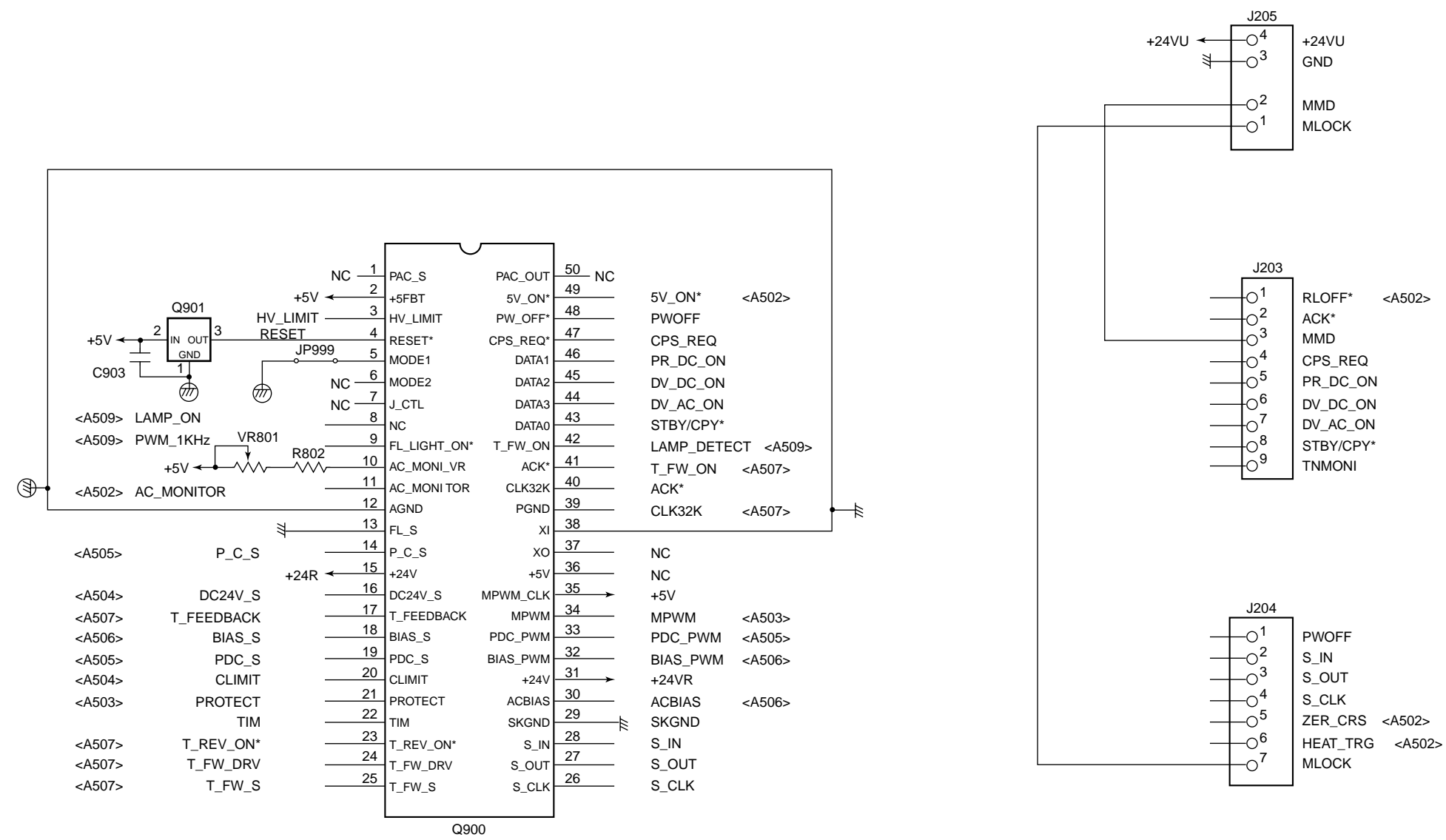
Composite Power Supply Circuit Diagram (5/9)
[A506]



Composite Power Supply Circuit Diagram (6/9)
[A507]

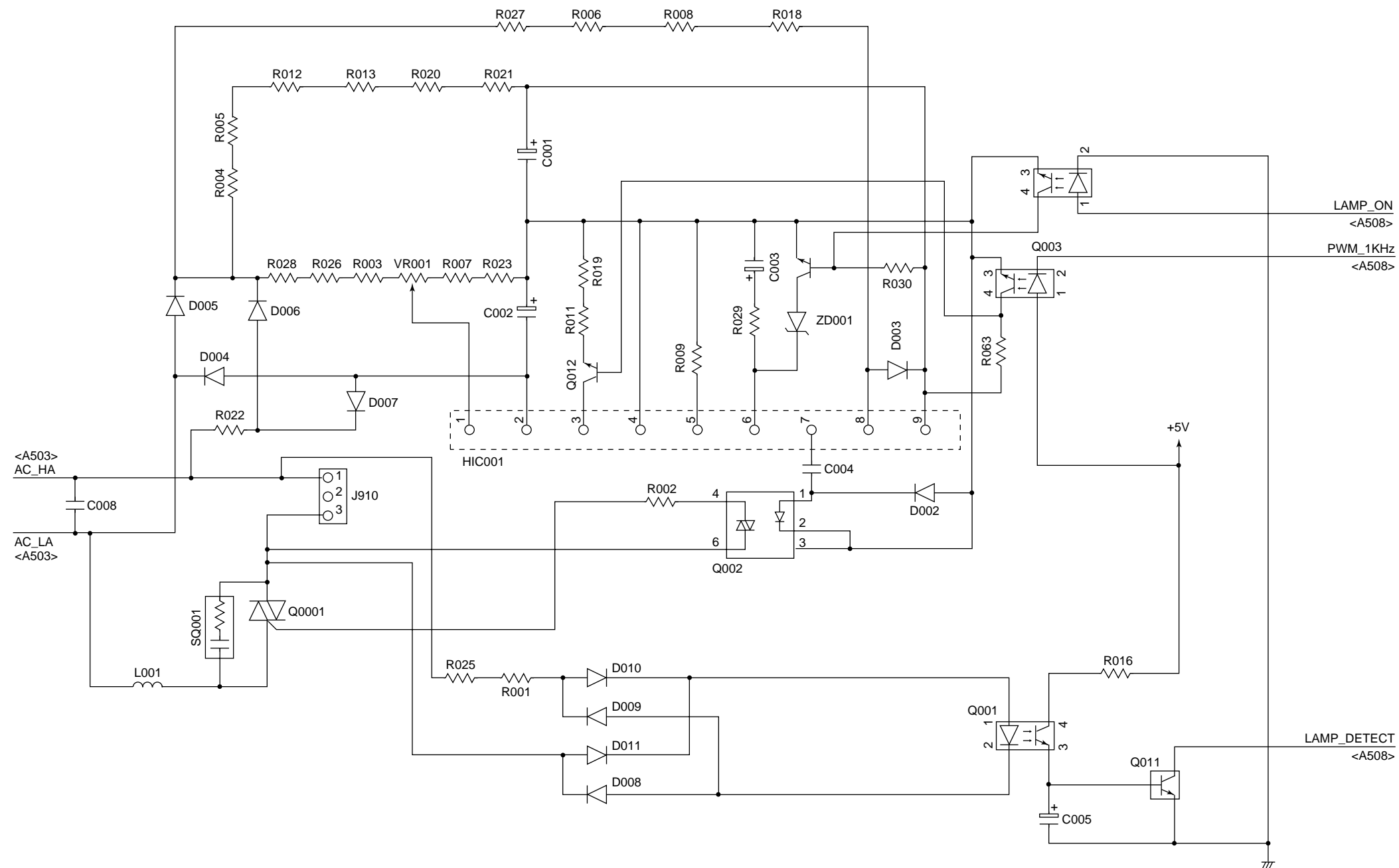


Composite Power Supply Circuit Diagram (7/9)
[A508]



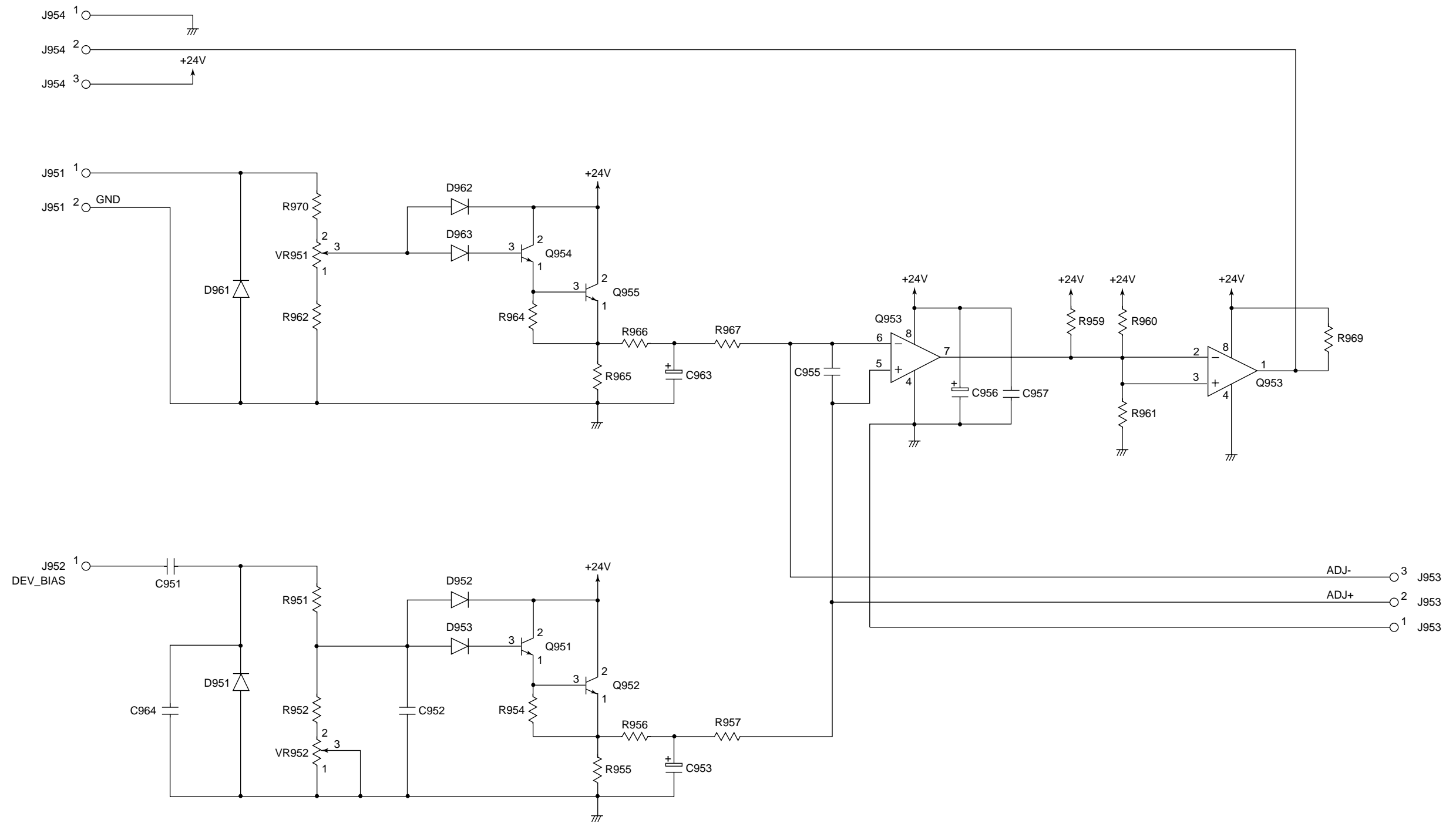
JP999: 220/240V model only

Composite Power Supply Circuit Diagram (8/9) [A509]

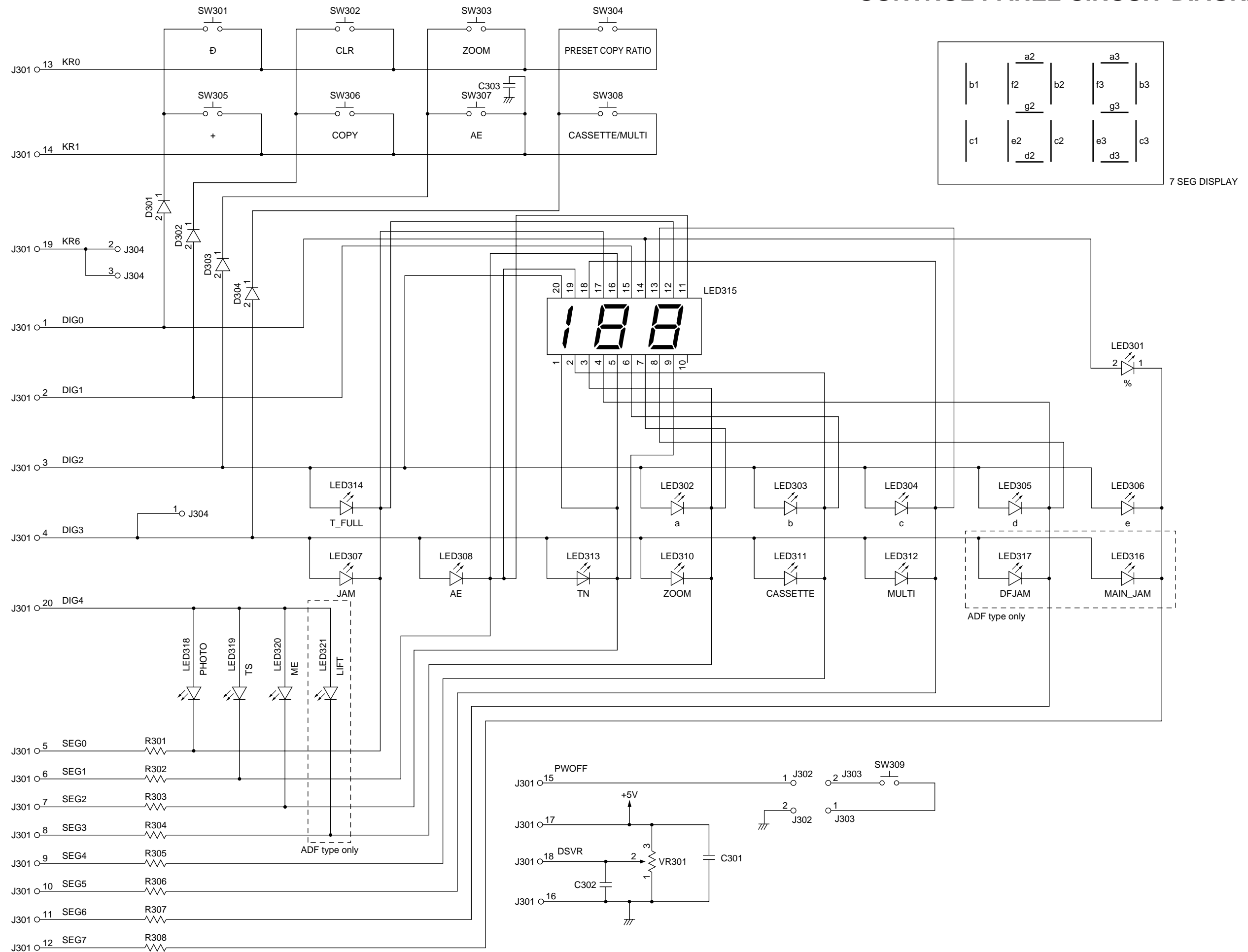


R012, R013, R018, R021: 220/240V model only

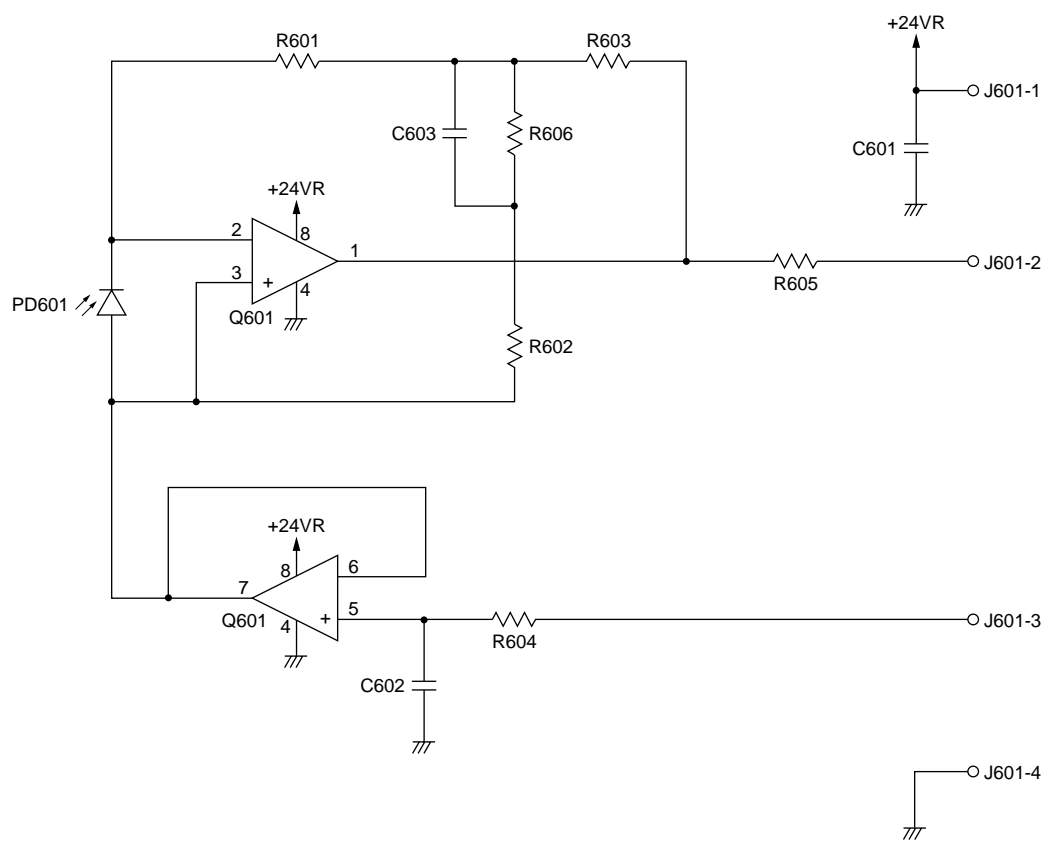
Composite Power Supply Circuit Diagram (9/9) [A510]



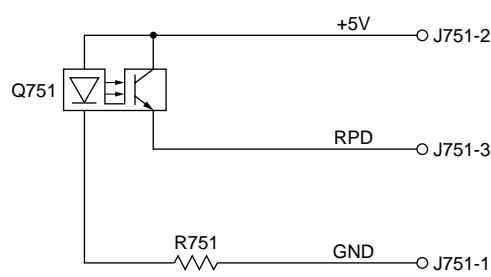
CONTROL PANEL CIRCUIT DIAGRAM



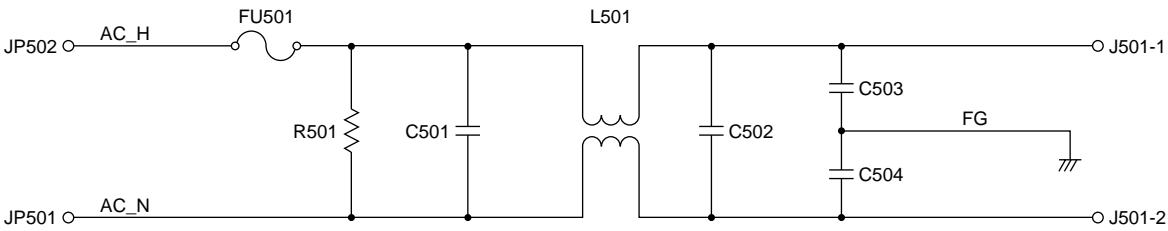
AE SENSOR CIRCUIT DIAGRAM



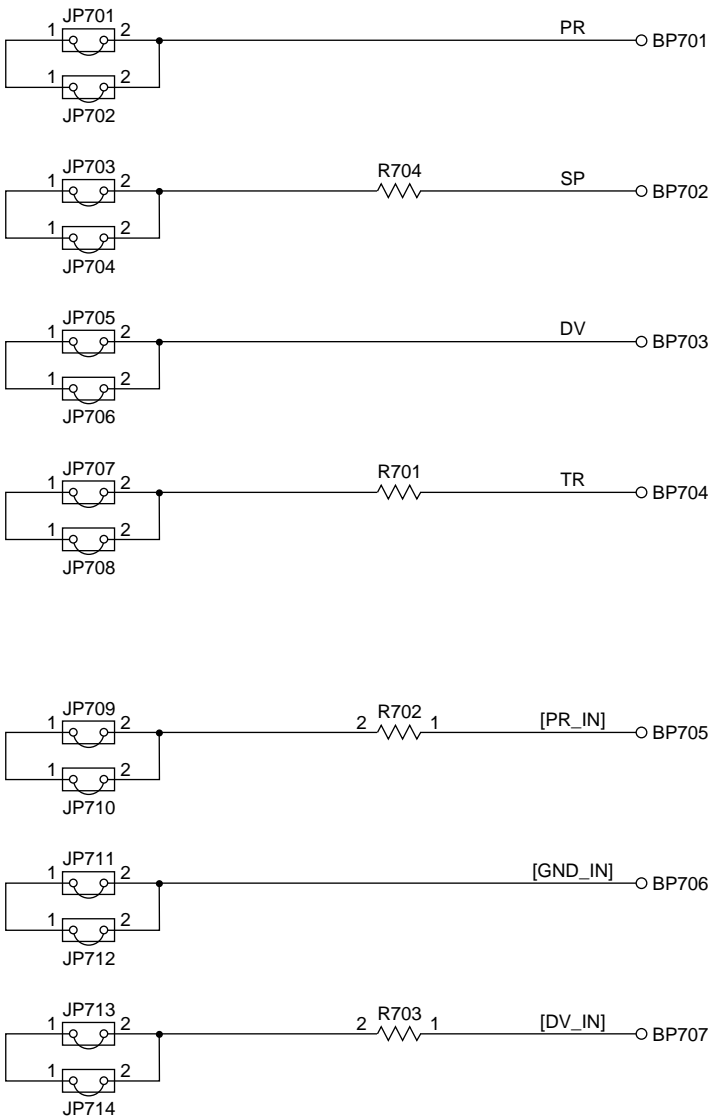
SENSOR CIRCUIT DIAGRAM



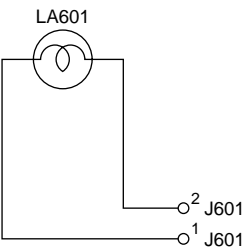
NOISE FILTER CIRCUIT DIAGRAM



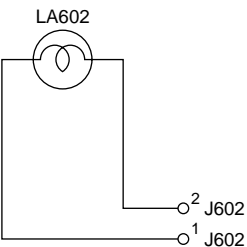
HIGH VOLTAGE CONTACT CIRCUIT DIAGRAM



BLANK EXPOSURE (front) CIRCUIT DIAGRAM



BLANK EXPOSURE (rear) CIRCUIT DIAGRAM



PRE-EXPOSURE CIRCUIT DIAGRAM

