

10-7.TEST POINT DIAGRAM

Indoor controller board

PLA-A12BA

PLA-A18BA

PLA-A24BA

PLA-A30BA

PLA-A36BA

PLA-A42BA

PLA-A12BA₁

PLA-A18BA₁

PLA-A24BA₁

PLA-A30BA₁

PLA-A36BA₁

PLA-A42BA₁

CN90

Connect to the wireless remote controller board (CNB)

LED3

Transmission (Indoor/outdoor)

CNV

Vane motor output (MV)
12V pulse output

CN4Y

i-see sensor

CN6Y

i-see sensor motor output
12V DC pulse output

LED2

Power supply (R.B)

CN4F

Drain float switch (FS)

CN44

Pipe temperature thermistor

①-② : Liquid (TH2)

③-④ : Condenser/Evaporator(TH5)

CN20

Room temperature thermistor (TH1)

LED1

Power supply (I.B)

CN30(Only PLA-A-BA₁)

Connector (LLC)

V_{FG} : Voltage between PC6722 and C955(-)
(Same as ⑦(+)-④(-) of CNMF)

V_{SP} : Voltage between pins of C626

DC0V (FAN stop)

DC1~6.5V (FAN operation)

(Same as ⑥(+)-④(-) of CNMF)

CNMF

Fan motor

①-④: DC 294~325V

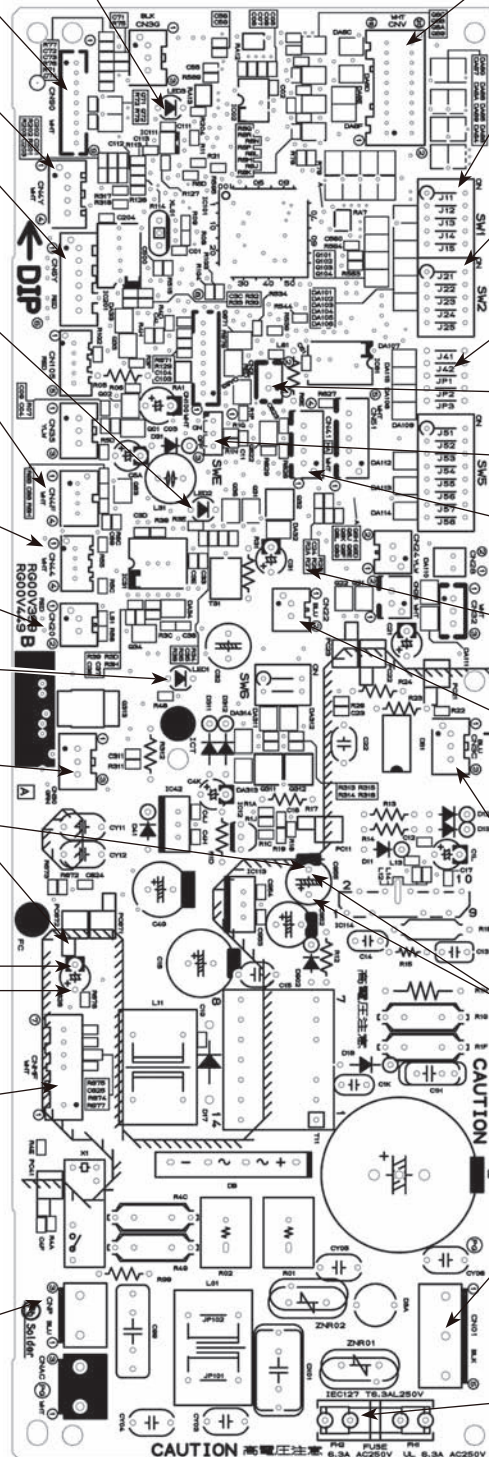
⑤-④: DC15V

⑥-④: DC0~6.5V

⑦-④: Stop DC0 or 15V
Operation DC7.5V
(0~15V pulse)

CNP

Drain-pump output (DP)
(208/230V AC)



SW1

Model selection

SW2

Capacity setting

Jumper wire J41,J42

Pair No. setting for wireless remote controller

CN2L

Connector (LOSSNAY)

SWE

Emergency operation

CN41

Connector (HA terminal-A)

CN24

(Only PLA-A-BA₁)

Connector (Back-up heating)

CN22

Connect to the terminal block (TB5)
(Remote controller connecting wire)
(10.4~14.6V DC)

CN3C

Transmission (Indoor/outdoor)
(0~24V DC)

V_{CC} : Voltage between pins of C955
15VDC
(Same as ⑤(+)-④(-) of CNMF)

CN01

Connect to the Terminal Block (TB4)
(Indoor/outdoor connecting line)
Between ③ and ⑤
208/230V AC

FUSE

6.3A /250V