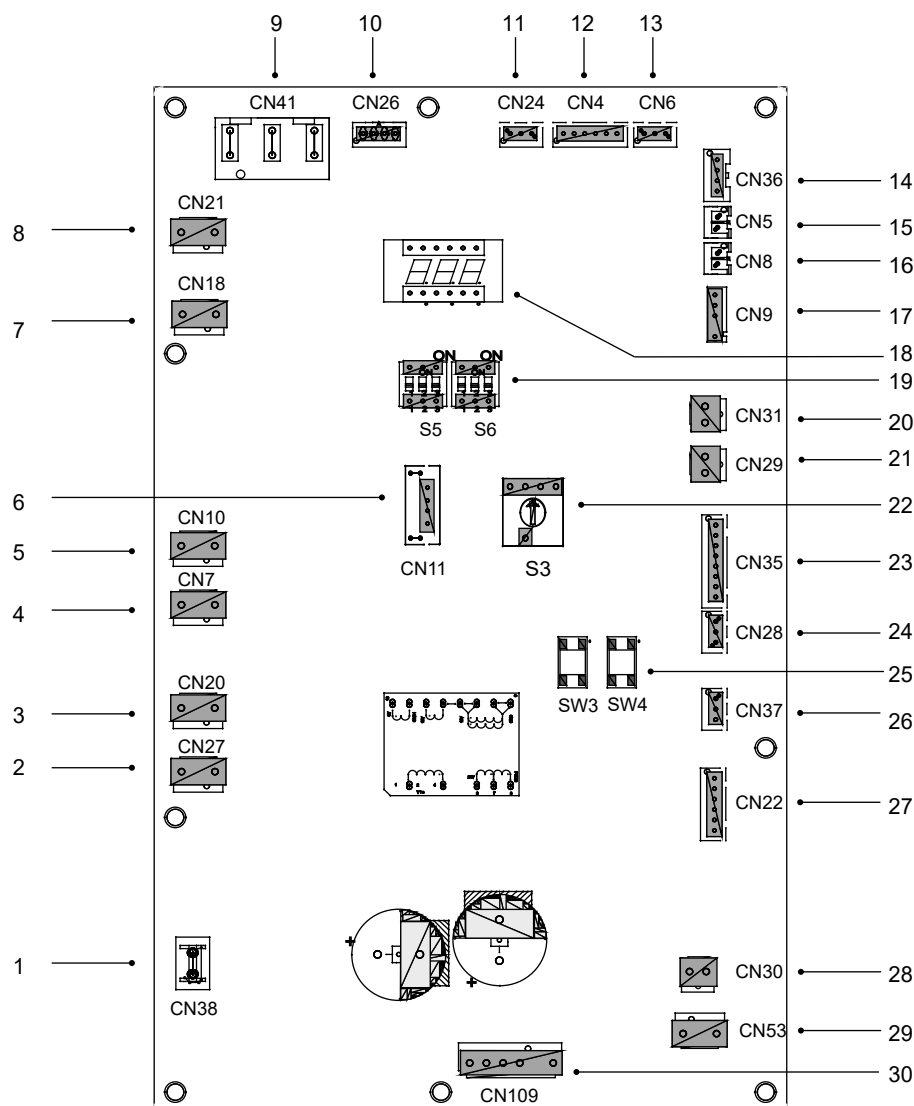


## 2) PCB B, Main control board of heat pump system



Code	Assembly unit	Code	Assembly unit
1	Port for ground wire(CN38)	16	Port for temp.sensor Tp(CN8)
2	Port for 2-way valve 6(CN27)	17	Port for outdoor ambient temp. sensor and condenser temp.sensor(CN9)
3	Port for 2-way valve 5(CN20)	18	Digital display(DSP1)
4	Port for eletric heating tape2(CN7)	19	DIP switch(S5,S6)
5	Port for eletric heating tape1(CN10)	20	Port for low pressure switch(CN31)
6	Reserved(CN11)	21	Port for high pressure switch and quick check(CN29)
7	Port for 4-way valve(CN18)	22	Rotary dip switch(S3)
8	Reserved(CN21)	23	Port for temp.sensors(TW_out, TW_in, T1, T2,T2B )(CN35)(Reserved)
9	Power supply port from PCB C(CN41)	24	Port for communication XYE(CN28)
10	Port for communication with Power Meter(CN26)	25	Key for force cool&check(S3,S4)
11	Port for communication with hydro-box control board (CN24)	26	Port for communication H1H2E(CN37)
12	Port for communication with PCB C(CN4)	27	Port for electrical expansion valve(CN22)
13	Port for pressure sensor(CN6)	28	Port for fan 15VDC power supply(CN30)
14	Port for communication with PCB A(CN36)	29	Port for fan 310VDC power supply(CN53)
15	Port for temp.sensor Th(CN5)	30	Port for fan(CN109)