



# SCHEMATIC DIAGRAMS

## D-ILA PROJECTOR

DLA-N11BC

DLA-N5BC

DLA-N5BE

DLA-N5WE

DLA-N6BC

DLA-N7BE

DLA-N8BC

DLA-NX5BK

DLA-NX7BK

DLA-NX9BE

DLA-NX9BK

DLA-RS1000E

DLA-RS1000K

DLA-RS2000E

DLA-RS2000K

DLA-RS3000E

DLA-RS3000K

## ■ PRECAUTIONS ON SCHEMATIC DIAGRAMS

- Due to the improvement in performance, some part numbers shown in the circuit diagrams may not agree with those indicated in the Parts List.
- The parts numbers, values and rated voltage etc. in the Schematic Diagrams are for reference only.
- Since the circuit diagrams are standard ones, the circuits and circuit constants may be subject to change for improvement without any notice.

## ■ PRECAUTIONS ON PARTS LIST

- The parts identified by the  $\triangle$  symbol are critical for safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.
- When ordering chips, screws etc., place bulk orders (unit of tens) whenever possible to improve shipping efficiency.
- There are cases where the actual implemented parts in the sets and the service parts are different. When ordering parts, make sure to refer to the Parts List.

## ■ PRECAUTIONS ON SERVICE

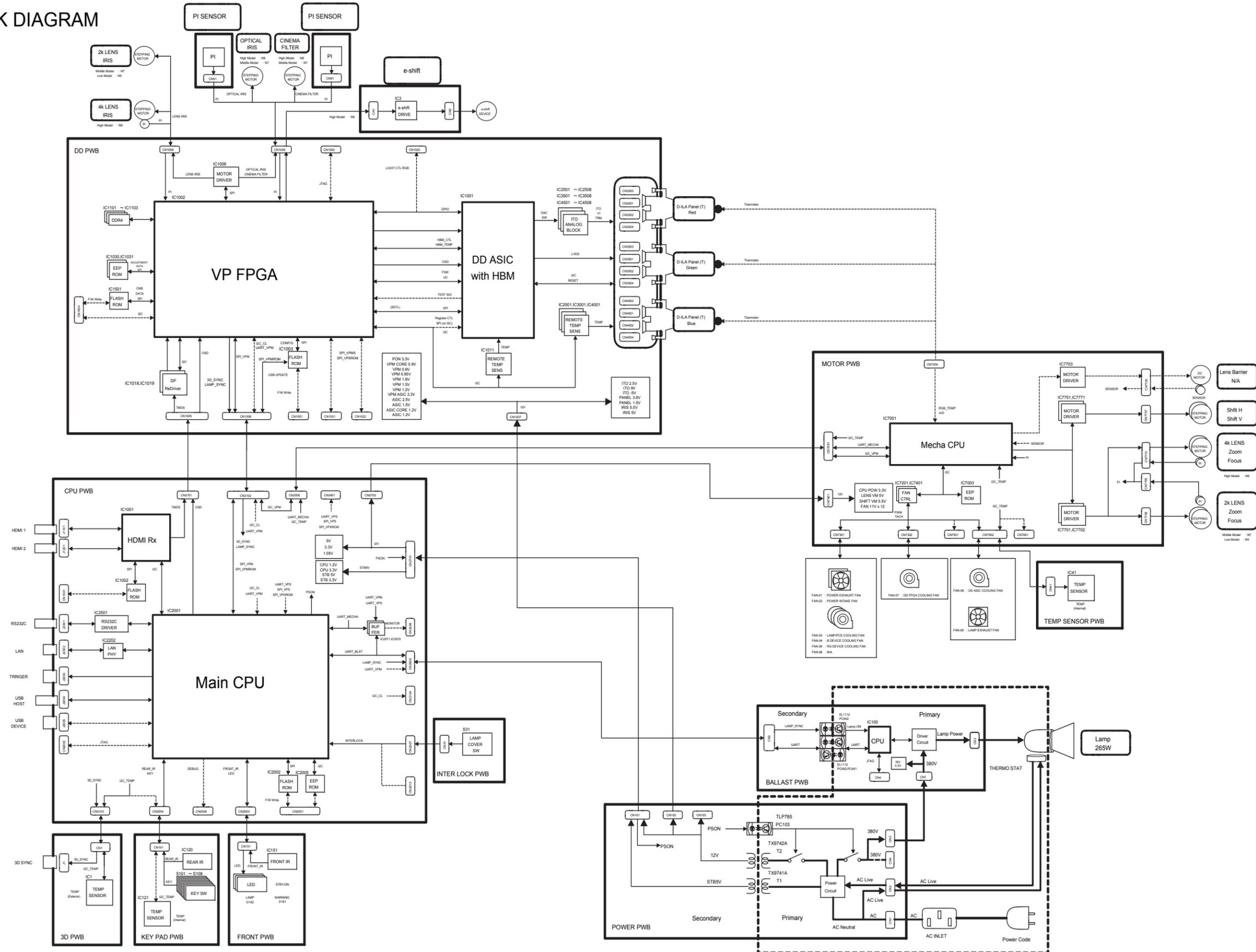
Certain parts of the power circuits and the GNDs differ according to the models. Care must be taken for the following points as the differences are indicated separately in the LIVE GND () and the ISOLATED (NEUTRAL) GND (.

1. Do not touch the LIVE GND, or do not touch the LIVE GND and the ISOLATED (NEUTRAL) GND at the same time. It may cause an electric shock.  
Before pulling out the chassis or other parts, make sure to pull out the power cord from the wall outlet first.
2. Do not short circuit between the LIVE GND and ISOLATED (NEUTRAL) GND, or never measure the LIVE GND and ISOLATED (NEUTRAL) GND at the same time using measuring instruments (oscilloscope, etc.). It may blow fuses or damage other parts.

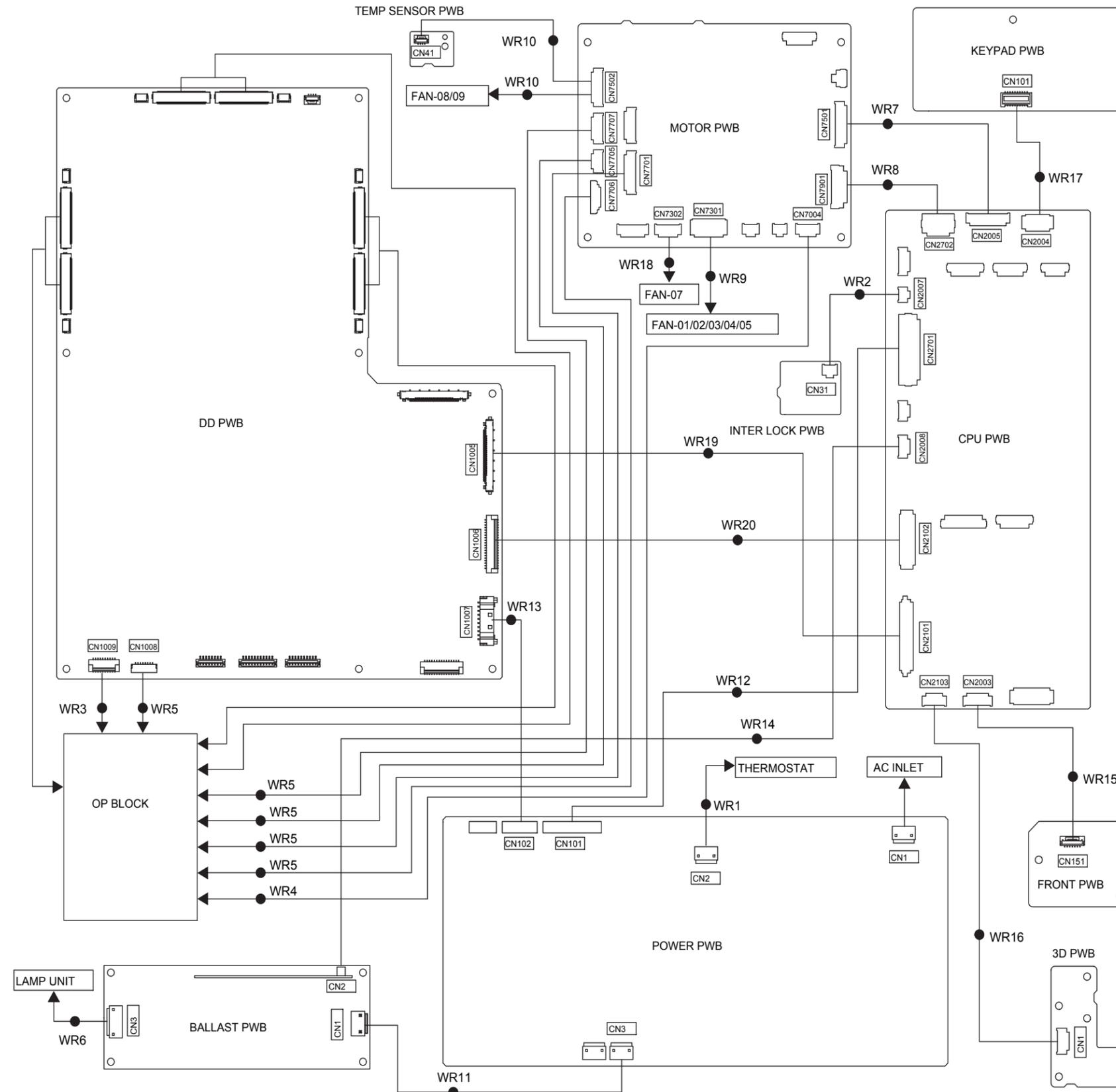
## ■ DEVIATION TOLERANCE RANGE

DEVIATION TOLERANCE RANGE									
F	G	J	K	M	N	R	H	Z	P
± 1%	± 2%	± 5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

# BLOCK DIAGRAM

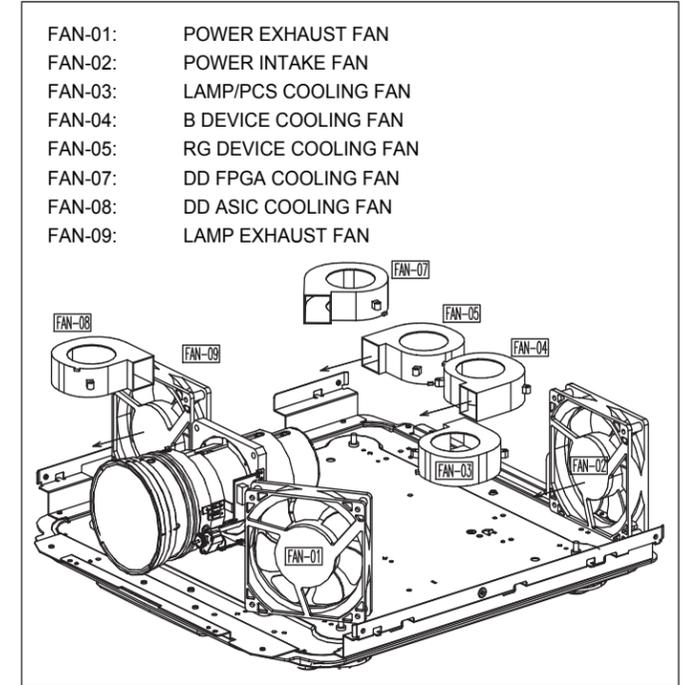


# WIRING DIAGRAM



WR1	POWER PWB CN2 - THERMOSTAT
WR2	CPU PWB CN2707 - INTER LOCK PWB CN31
WR3	DD PWB CN1009 - OP BLOCK
WR4	MOTOR PWB CN7004 - OP BLOCK
WR5	DD PWB CN1008 - OP BLOCK
	MOTOR PWB CN7701 - OP BLOCK
	MOTOR PWB CN7705 - OP BLOCK
	MOTOR PWB CN7706 - OP BLOCK
	MOTOR PWB CN7707 - OP BLOCK
WR6	BALLAST PWB CN3 - LAMP UNIT
WR7	CPU PWB CN2005 - MOTOR PWB CN7501
WR8	CPU PWB CN2702 - MOTOR PWB CN7901
WR9	DD PWB CN7301 - FAN-01/02/03/04/05
WR10	MOTOR PWB CN7502 - TEMP SENSOR PWB CN41
	MOTOR PWB CN7502 - FAN-08/09
WR11	BALLAST PWB CN1 - POWER PWB CN3
WR12	CPU PWB CN2701 - POWER PWB CN101
WR13	DD PWB CN1007 - POWER PWB CN102
WR14	CPU PWB CN2008 - BALLAST PWB CN2
WR15	CPU PWB CN2003 - FRONT PWB CN151
WR16	CPU PWB CN2103 - 3D PWB CN1
WR17	CPU PWB CN2004 - KEY PAD PWB CN101
WR18	MOTOR PWB CN7302 - FAN-07
WR19	CPU PWB CN2101 - DD PWB CN1005
WR20	CPU PWB CN2102 - DD PWB CN1006

## FAN LAYOUT



- FAN-01: POWER EXHAUST FAN
- FAN-02: POWER INTAKE FAN
- FAN-03: LAMP/PCS COOLING FAN
- FAN-04: B DEVICE COOLING FAN
- FAN-05: RG DEVICE COOLING FAN
- FAN-07: DD FPGA COOLING FAN
- FAN-08: DD ASIC COOLING FAN
- FAN-09: LAMP EXHAUST FAN