

One point repair guide – LED on Powerboard defect monitoring signal

number of blinks:

- ① Driver IC error (Power Board)
- ② DC/DC Voltage Check (Power Board)
- ③ Open LED Protection (Module.FFC Cable)
- ④ Short LED Protection (Module)
- ⑤ Driver On signal error (Main Board)
- ⑥ V-Sync Input signal error or P-DIM Input Error (Main Board)
- ⑦ Local dimming data error (Main Board)
- ⑧ MCU error Check (Power Board)



LED

Abnormal Condition	Blinking LED Counts	Check Point
Driver IC NG Check	Once (1)	DRV_IC's Operation
DC/DC Voltage Check	Twice (2)	DC/DC's Operation
Open LED Protection	Three times (3)	LED Line open Condition
Short LED Protection	Four times (4)	LED Line short Condition
Driver On Signal error	Five times (5)	Driver-ON Signal
V-Sync Input signal error or P-DIM Input Error	Six times (6)	V-Sync signal and P-DIM
Local dimming data error	Seven times (7)	Local Dimming Error
MCU NG Check	Eight times (8)	MCU & LED IC Communication