

Eight Discipline Report (8D Report)

To:	8D report No.:
From: :	RMA claim No.:
CC :	Chicony Power P/N: N025A001Q-CT01
	Customer P/N:
Submit date: 2020/09/11	Product description:
Receive date: 2020/09/11	
Subject : AC off 後電容殘電造成 AC on/off 誤動作 [電容] 電路誤動作, 電容殘電	
D1.) 問題解決成員:Use Team Approach	
主持者 (Team Leader) : 內部成員 (Internal Team Members): 外部成員 (External Team Member):	
D2.)問題說明:Problem Description: (Note: Use who, what, when, where, why, how, how many to specify the Customer's problem.)	
LED happen flick under below steps in PSU 1. AC turn on 2. LED DIMM set to 100% 3. AC turn off 4. LED DIMM set to 0% 5. AC turn ON	
D3.)內部或客戶的暫時解決辦法及實施日期:Implement and Verify Containment Action: (Note: Internal / external containment action effectiveness and date.)	
1. CPT got this PSU from customer for further analysis. 2. CPT send 1pc PSU to customer for exchange.	

D4.)不良原因確認: Define and Verify Root Causes:

(Note: Identify and verify all suspect causes, which needs explain why the problem occurred.)

DCDIM capacitor slow discharge on AC off that cause PSU not to go back to initial state immediately.

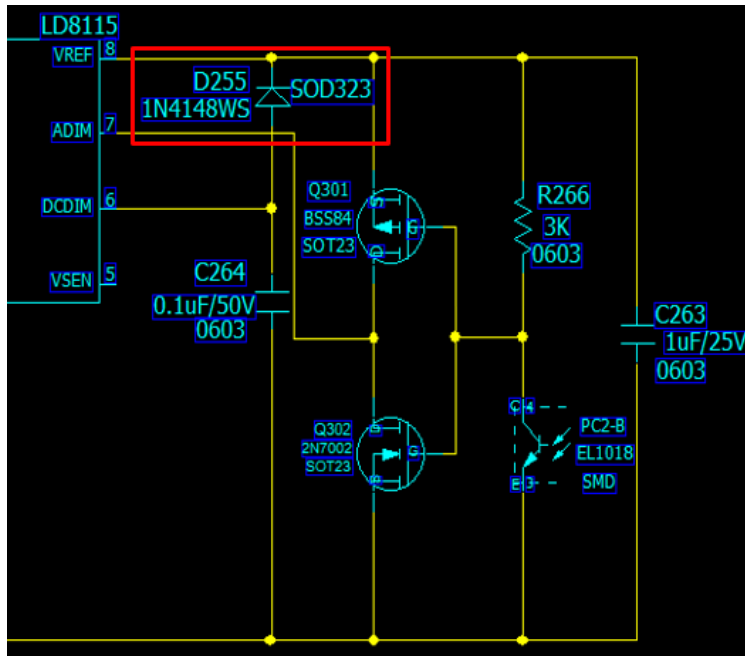
Blue : DCDIM, Green : LED Output Current, Yellow : AC Vin



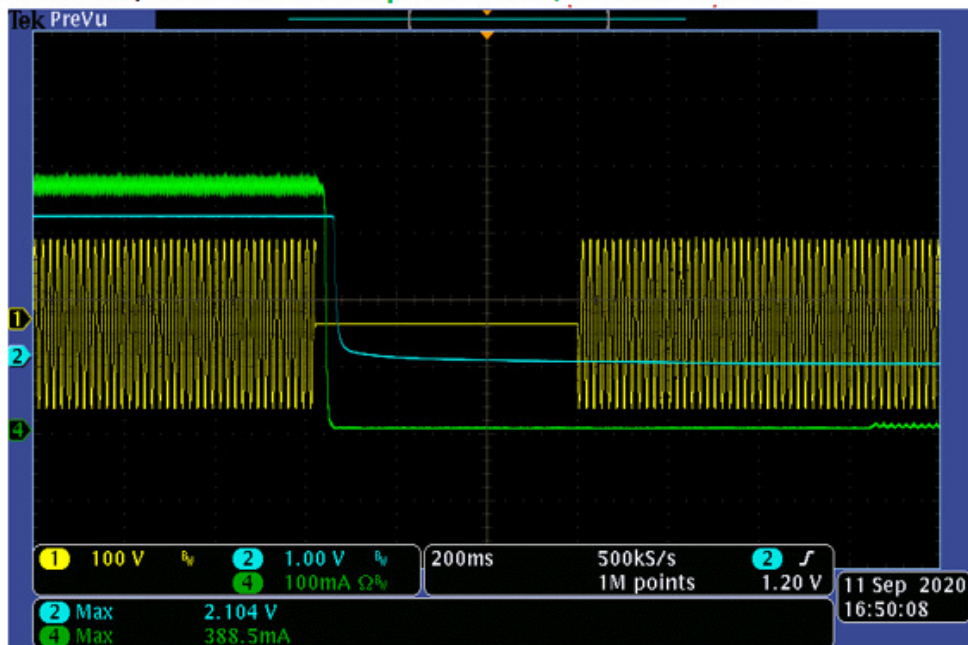
D5.)改善措施:Corrective Action Verification:

(Note: Be make sure the corrective actions is effective in process as well as able to fix the customer complaint problem)

To build capacitor fast discharge path on AC off by add DIODE between DCDIM and VREF.



Blue : DCDIM, Green : LED Output Current, Yellow : AC Vin



D6.)改善措施實施日期:Implement Permanent Corrective Actions:

(Note: Be provide the phase-in date or lot# of corrective actions **implementation** in process)

immediately

D7.)預防再發生措施:Prevent Recurrence:

(Note: Modified the management, operating systems, practices, and procedures to prevent recurrence for the problems as well as lessons learned cases.)

Add diode D255(1N4148) to fast discharge.

D8.)確認並感謝問題解決成員:Check and Congratulate the Team:

(Note: Recognize the collective efforts of the team.)

Thanks to you all ! ! !

Signature	
Team Leader:	
	Name – Title
Signature by Approver:	
	Name-Title