RD-ECR (Engineering Change Request)

申請人: 機構課/江佳霖　　表單號: 5　申請日期: 2026-05-12

Proposed Change	☑ Design modification 設計修改 ☐ Add second source 新增替代料 ☐ Material change 材料變更 ☐ Manufacturer change 製造商變更 ☐ Process sequency change 工序變更 ☐ Factory change 工廠變更 ☐ Equipment/Tooling change 設備/模具變更 ☐ Process/Method/Condition change 加工流程/方法 /條件變更 ☐ Others 其他			EC No	EC26050201
-	N/A			Initiator	江佳霖(D0696)
Reason for Change	Make the production line assembly run smoothly			Issue Date	2026-05-12
Model / Part No	1.RGP2162AMII-G(AG) 2.LCDG21EAPAD-ZI1 3.22873 4.DT2162M-N 5.DT2162M-P 6.ST-21512-TP v2 7.ST-21612-TP v2 8.DT2162M 9.RGD2162AMII-PW(AG) 10.RGP2162AMII-PB(AG) 11.RGP2162AMII-PW(AG) 12.RGD2161A-PW(CLR) 13.TSD-PT212-CW 14.TSD-PT212-CB 15.RGP2162AMII-GB(AG) 16.LCDG21EAPBD-BLC(YD) 17.22127 18.22127 v2			Requester Dept	DV11R002-研發-機構課
Implementation Type	○ 1. Immediately Change 立即切換 ◉ 2. Running Change 自然切換 ○ 3. Other 其他			-	N/A
PM	潘介翰(D0701)	Sales	劉証瑋(D0683)	Customer Approval	○ Needed ◉ Not needed
File attached 附件上傳	QR-502-01 會議記錄-G_3... QR-502-01 會議記錄整合...	Customer Sign-off Area 客戶簽核		Customer Name	N/A
Comments 會簽意見	工單1007596 2026/08/28 3MD365ME010舊料分配完畢，導入新料3MD365ME01A				

Material Change Description 物料變更說明

No	Subassembly	T	PartNo	Description	Qty	Location	Stock	Remark
1	2AAD5190023	B	3MD365ME010	MAIN BRACKET (RGP2162)	1.000		149	1.3MD365ME01A 2.3MD365ME010
1	2AAD5190023	A	3MD365ME01A	MAIN BRACKET (RGP2162)	1.000		0	1.3MD365ME01A 2.3MD365ME010
2	2AAD5100023	B	3MD365ME010	MAIN BRACKET (RGP2162)	1.000		149	1.3MD365ME01A 2.3MD365ME010
2	2AAD5100023	A	3MD365ME01A	MAIN BRACKET (RGP2162)	1.000		0	1.3MD365ME01A 2.3MD365ME010
3	2AAD5690023	B	3MD365ME010	MAIN BRACKET (RGP2162)	1.000		149	1.3MD365ME01A 2.3MD365ME010
3	2AAD5690023	A	3MD365ME01A	MAIN BRACKET (RGP2162)	1.000		0	1.3MD365ME01A 2.3MD365ME010
4	2AAD5190123	B	3MD365ME010	MAIN BRACKET (RGP2162)	1.000		149	1.3MD365ME01A 2.3MD365ME010
4	2AAD5190123	A	3MD365ME01A	MAIN BRACKET (RGP2162)	1.000		0	1.3MD365ME01A 2.3MD365ME010
5	2AAD3930423	B	3MD365ME010	MAIN BRACKET (RGP2162)	1.000		149	1.3MD365ME01A 2.3MD365ME010
5	2AAD3930423	A	3MD365ME01A	MAIN BRACKET (RGP2162)	1.000		0	1.3MD365ME01A 2.3MD365ME010
6	2AAD4790123	B	3MD365ME010	MAIN BRACKET (RGP2162)	1.000		149	1.3MD365ME01A 2.3MD365ME010
6	2AAD4790123	A	3MD365ME01A	MAIN BRACKET (RGP2162)	1.000		0	1.3MD365ME01A 2.3MD365ME010
7	2AAD5060223	B	3MD365ME010	MAIN BRACKET (RGP2162)	1.000		149	1.3MD365ME01A 2.3MD365ME010
7	2AAD5060223	A	3MD365ME01A	MAIN BRACKET (RGP2162)	1.000		0	1.3MD365ME01A 2.3MD365ME010
8	2AAD5190223	B	3MD365ME010	MAIN BRACKET (RGP2162)	1.000		149	1.3MD365ME01A 2.3MD365ME010
8	2AAD5190223	A	3MD365ME01A	MAIN BRACKET (RGP2162)	1.000		0	1.3MD365ME01A 2.3MD365ME010
9	2AAD5830123	B	3MD365ME010	MAIN BRACKET (RGP2162)	1.000		149	1.3MD365ME01A 2.3MD365ME010
9	2AAD5830123	A	3MD365ME01A	MAIN BRACKET (RGP2162)	1.000		0	1.3MD365ME01A 2.3MD365ME010
10	2AAD5740123	B	3MD365ME010	MAIN BRACKET (RGP2162)	1.000		149	1.3MD365ME01A 2.3MD365ME010
10	2AAD5740123	A	3MD365ME01A	MAIN BRACKET (RGP2162)	1.000		0	1.3MD365ME01A 2.3MD365ME010
11	2AAD5740223	B	3MD365ME010	MAIN BRACKET (RGP2162)	1.000		149	1.3MD365ME01A 2.3MD365ME010
11	2AAD5740223	A	3MD365ME01A	MAIN BRACKET (RGP2162)	1.000		0	1.3MD365ME01A 2.3MD365ME010
12	2AAD5100123	B	3MD365ME010	MAIN BRACKET (RGP2162)	1.000		149	1.3MD365ME01A 2.3MD365ME010
12	2AAD5100123	A	3MD365ME01A	MAIN BRACKET (RGP2162)	1.000		0	1.3MD365ME01A 2.3MD365ME010

Engineering Change Assessment Item List 工程變更評估項目清單

1. Application for Revision of Specification or Drawing(s) for delivery 是否有修改交貨的規格或圖面	1.Confirm	○ Yes ● No need
2. Standards or Regulatories impact 是否有評估適用之標準或主管機關之相關法規的申請	2.Confirm	○ Yes ● No need
3. Change point of PCB mounting PCBA插件位置是否變更	3.Confirm	○ Yes ● No need

4. PCBA Process Changes PCBA製程是否變更	4.Confirm	○ Yes (Continue checking below) ● No
_ 4-1) Change of Reflow temperature 迴焊溫度是否變更	4-1 Confirm	○ Yes ● No need
_ 4-2) Change of bonding temperature 膠合溫度是否變更	4-2 Confirm	○ Yes ● No need
_ 4-3) Change of Manual Soldering temperature 人工手焊工具之溫度是否變更	4-3 Confirm	○ Yes ● No need
_ 4-4) Change of storage condition after protection humidity package 防潮包裝完成後的儲存條件是否變更	4-4 Confirm	○ Yes ● No need
5. Reliability test report(Test result and data) 是否有可靠性測試報告(測試結果及數據)	5.Confirm	○ Yes ● No need
6. Process FMEA(Medical only) 是否有進行製程失效模式與效應分析	6.Confirm	○ Yes ● No need
7. Design FMEA(Medical only) 是否有進行設計失效模式與交應分析	7.Confirm	○ Yes ● No need
8. Risk Management(Medical only) 是否有進行風險管理評估	8.Confirm	○ Yes ● No need
9. Change points due to the modification 是否此修改會延伸導致其他變更點	9.Confirm	○ Yes ● No need
10. Initial Supply Control implements plan or result 是否有實施供料控制評估	10.Confirm	● Yes ○ No need
_ 10-1) Confirm the work order or order number or date for the implementation start of the engineering change 確認工程變更開始實施之工單或訂單號碼或日期	10-1 Confirm	● Yes ○ No need
_ 10-2) Coordinate the handling methods for related products and materials 協調相關產品及材料處理方法	10-2 Confirm	● Yes ○ No need
_ 10-3) Arrange th production schedule 處理生產日程之安排	10-3 Confirm	● Yes ○ No need
_ 10-4) Control the changed materials 變更材料之管制	10-4 Confrim	○ Yes ● No need
_ 10-5) Establish relevant execution control records for EC materials, register traceability data for each material 建立有關工程變更物料之相關執行管控記錄、登錄各項物料追溯性資料	10-5 Confirm	● Yes ○ No need
11. Training Requirement 若此一變更影響製程或檢驗，是否需要再做人員訓練	11.Confrim	○ Yes ● No need
12-1. Modification contents(For example, the following documents) 是否有評估此變更之各項相關文件(如下)	12-1 Confirm	☐ QC control plan ☐ Service Manual ☐ Others ☑ Not needed
12-2. Modification contents(For example, the following documents) 是否有評估此變更之各項相關文件(如下)	12-2 Confirm	☐ SIP ☑ SOP ☐ Others ☐ No need
12-3. Modification contents(For example, the following documents) 是否有評估此變更之各項相關文件(如下)	12-3 Confirm	☑ MDF ☑ DMR ☐ Approval Sheet ☐ Engineering Spec ☐ Others ☐ Not needed

簽核列表　● 表格　○ 圖形

序號	簽核人	簽核結果	簽核意見
1	**陳志偉** 二階主管(課/部級)	**同意** 2026-05-12 15:26	
2	**廖榮棋** DQE	**同意** 2026-05-12 15:45	
3	**潘介翰** PM	**同意** 2026-05-13 10:59	
3	**劉証瑋** Sales	**同意** 2026-05-13 15:25	
3	**陳冠華** [劉証瑋 加簽]MEE	**同意** 2026-05-13 16:02	
3	**胡靜文** [劉証瑋 加簽]Linden	**同意** 2026-05-19 09:30	
4	**楊建勛** R&D Director [通知]	**同意** 2026-05-19 09:30	[通知]
5	**蕭玉桃** ECR-PIC人員	**否決** 2026-05-19 09:42	請補上設計變更審查會議記錄，謝謝。

序號	簽核人	簽核結果	簽核意見
6	**江佳霖** 重新送簽	**重新送簽** 2026-05-20 10:13	
7	**陳志偉** 二階主管(課/部級)	**同意** 2026-05-20 10:18	
8	**廖榮棋** DQE	**同意** 2026-05-20 10:28	
9	**劉証瑋** Sales	**同意** 2026-05-20 11:11	
9	**潘介翰** PM	**同意** 2026-05-20 13:54	
10	**楊建勛** R&D Director [通知]	**同意** 2026-05-20 13:54	[通知]
11	**蕭玉桃** ECR-PIC人員	**同意** 2026-05-20 14:01	
12	**王世炫** ECR-PE人員	**否決** 2026-05-21 09:51	Model / Part No: 2. & 19. 機種重複. 請修正.
13	**江佳霖** 重新送簽	**重新送簽** 2026-05-21 11:35	
14	**陳志偉** 二階主管(課/部級)	**同意** 2026-05-21 22:24	
15	**廖榮棋** DQE	**同意** 2026-05-22 09:02	
16	**潘介翰** PM	**同意** 2026-05-22 09:21	
16	**劉証瑋** Sales	**同意** 2026-05-22 11:06	
16	**陳冠華** [劉証瑋 加簽]MEE	**同意** 2026-05-22 12:59	超過三個機種請列外表列影響清單和客戶對找表以利閱讀。
16	**胡靜文** [劉証瑋 加簽]Linden	**同意** 2026-05-26 09:44	
17	**楊建勛** R&D Director [通知]	**同意** 2026-05-26 09:44	[通知]
18	**蕭玉桃** ECR-PIC人員	**同意** 2026-05-26 09:45	
19	**王世炫** ECR-PE人員	**同意** 2026-05-26 13:00	
20	**林益銓** PE	**同意** 2026-05-26 13:13	
21	**黃振哲** ECR-PMC人員	**同意** 2026-05-26 13:57	
22	**邱羽萱** PMC	**同意** 2026-05-26 14:24	3MD365ME010請同步設Z6
23	**黃瓊玉** ECR-PD人員	**同意** 2026-05-26 14:58	
23	**吳汶浦** PD	**同意** 2026-05-27 12:51	
23	**李慧珊** ECR-SCM人員	**同意** 2026-05-27 16:24	
24	**王彥筑** [李慧珊 加簽]	**同意** 2026-05-27 16:27	
25	**呂姿蓁** [李慧珊 加簽]	**同意** 2026-05-27 17:29	
26	**李金龍** ECR-QA人員	**同意** 2026-05-28 09:22	

序號	簽核人	簽核結果	簽核意見
27	**陳泰盛** QA	**同意** 2026-05-28 09:29	
28	**楊建勛** R&D Director	**同意** 2026-05-28 09:35	
29	**蕭玉桃** ECR-PIC人員	**同意** 2026-05-28 11:15	
30	**江佳霖** SAP核發	**同意** 2026-05-28 11:52	