RD-ECR (Engineering Change Request)

申請人: 機構課/蔡豐禧 Ferris_Tsai　　表單號: 122　申請日期: 2026-10-20

Proposed Change	☐ Design modification 設計修改 ☐ Second source change 替代料變更 ☐ 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	EC26100501
-	N/A			Initiator	蔡豐禧 Ferris_Tsai(D0450)
Reason for Change	Update the sealant quantity according to the actual quantity in production.			Issue Date	2026-10-20
Model / Part No	RGP1823AM, PC180380R_RGP, MDRAP18EAXAD-W1, ST-21512-TP v2, MDRAD21ELXCD-SI (5L1), MDRAD21ELXCD-SI_RGD, LCDG21EAPAD-ZI1, LCDG21EAPBD-BLC(YD), ST-24512-TP(YD) v2, RGD2461AMI-PW(AG), RGP2422AMI, RGP2422AMI_CMS200,SC27810, MDRAD21ELXCA1S1_RGD, MDRAP18EAXAD-W1_RGP .			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	王志維 Ryan_Wang(D0480);葉文琴 Sharon_Yeh(D0716);潘介翰 Morris_Pan(D0701)	Sales	胡靜文 Estela_Hu(D0547);劉証瑋 Dennis_Liu(D0683);陳冠華 Oliver_Chen(D0525)	File attached 附件上傳	bezel sealant_list_1020_20... 設計變更審查會議記錄_Bez... EC_request_mail.pdf
Customer Approval	○ Needed ◉ Not needed	Customer Name	N/A	Customer Sign-off Area 客戶簽核	
Invalid	◉ No ○ Yes	-	N/A		

Material Change Description 物料變更說明

No	Subassembly	T	PartNo	Description	Qty	Location	Stock	Remark
1	2AAD4760139	B	3N097091B00	SILICONE GLUE (7091,DOW CORNING,BLACK)	0.040			
1	2AAD4760139	A	3N097091B00	SILICONE GLUE (7091,DOW CORNING,BLACK)	0.029			
2	2AAD0940039	B	3N097091B00	SILICONE GLUE (7091,DOW CORNING,BLACK)	0.060			
2	2AAD0940039	A	3N097091B00	SILICONE GLUE (7091,DOW CORNING,BLACK)	0.032			
3	2AAD5830139	B	3N097091B00	SILICONE GLUE (7091,DOW CORNING,BLACK)	0.060			
3	2AAD5830139	A	3N097091B00	SILICONE GLUE (7091,DOW CORNING,BLACK)	0.032			
4	2AAD5100039	B	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.060			
4	2AAD5100039	A	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.032			
5	2AAD3930639	B	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.060			
5	2AAD3930639	A	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.032			
6	2AAD6160139	B	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.056			
6	2AAD6160139	A	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.032			
7	2AAD3851239	B	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.060			
7	2AAD3851239	A	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.032			
8	2AAD2810039	B	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.040			
8	2AAD2810039	A	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.029			
9	2AAD6070239	B	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.040			
9	2AAD6070239	A	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.029			
10	2AAD2850039	B	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.050			
10	2AAD2850039	A	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.032			

No	Subassembly	T	PartNo	Description	Qty	Location	Stock	Remark
11	2AAD5250132	B	3N097091W00	SILICONE GULE (7091,DOW CORNING,WHITE)	0.060			
11	2AAD5250132	A		Delete				

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	1.Remark	N/A
_ 1-1) Impact on Product in Process or Already Delivered 是否影響再製品或已交貨產品	1-1 Confirm	○ Yes ○ No need	1-1.Remark	
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	2.Remark	沒有影響
3. Change point of PCB mounting PCBA插件位置是否變更	3.Confirm	○ Yes ◉ No need	3.Remark	N/A
4. PCBA Process Changes PCBA製程是否變更	4.Confirm	○ Yes (Continue checking below) ◉ No	4.Remark	N/A
_ 4-1) Change of Reflow temperature 迴焊溫度是否變更	4-1 Confirm	○ Yes ◉ No need	4-1.Remark	N/A
_ 4-2) Change of bonding temperature 膠合溫度是否變更	4-2 Confirm	○ Yes ◉ No need	4-2.Remark	N/A
_ 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	4-3.Remark	N/A
_ 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	4-4.Remark	N/A
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	5.Remark	用量/材質都沒改變,沒有影響
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	6.Remark	N/A
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	7.Remark	N/A
8. Risk Management(Medical only) 是否有進行風險管理評估	8.Confirm	○ Yes ◉ No need	8.Remark	N/A
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	9.Remark	N/A
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.Remark	系統工單備註EC26100501
_ 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	10-1.Remark	系統工單備註EC26100501
_ 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	10-2.Remark	無須變更材料處理
_ 10-3) Arrange th production schedule 處理生產日程之安排	10-3 Confirm	◉ Yes ○ No need	10-3.Remark	系統工單備註EC26100501
_ 10-4) Control the changed materials 變更材料之管制	10-4 Confrim	○ Yes ◉ No need	10-4.Remark	無須變更材料處理，僅變更用量
_ 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	10-5.Remark	系統工單備註EC26100501

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	11.Remark	N/A
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	12-1.Remark	N/A
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	12-2.Remark	SOP須變更.
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	12-3.Remark	N/A
DIVA 鈺緯科技開發股份有限公司		版本：C		表單編號：QR-736-05

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 Lasliechen** 二階主管(課/部級)	**同意** 2026-10-20 11:11	
2	**張鈞凱 Ericchang** ECR-DQE人員	**同意** 2026-10-20 13:41	無影響EMI
2	**林雪清 Joe_Lin** ECR-DQE人員	**同意** 2026-10-21 13:21	不影響功能
2	**林金封 Jim_Lin** ECR-DQE人員	**同意** 2026-10-21 14:57	N/A
2	**呂旻峰 Jack** ECR-DQE人員	**同意** 2026-10-21 15:38	N/A
3	**廖榮棋 Rongchi_Liao** DQE主管	**同意** 2026-10-22 09:54	
4	**陳冠華 Oliver_Chen** Sales	**同意** 2026-10-22 09:59	未來請提供影響清單，包括model name. part number, 客戶, 和負責業務。
4	**葉文琴 Sharon_Yeh** PM	**同意** 2026-10-22 10:03	
4	**胡靜文 Estela_Hu** Sales	**同意** 2026-10-22 10:07	
4	**王志維 Ryan_Wang** PM	**同意** 2026-10-27 17:25	
4	**潘介翰 Morris_Pan** PM	**同意** 2026-10-28 17:16	
4	**劉証瑋 Dennis_Liu** Sales	**同意** 2026-10-28 17:34	
5	**楊建勛 Michael_Young** R&D Director [通知]	**同意** 2026-10-28 17:34	[通知]
6	**蕭玉桃 Momohsiao** ECR-PIC人員	**同意** 2026-10-29 09:20	
7	**王世炫 Hsuan_Wang** ECR-PE人員	**同意** 2026-10-29 09:27	
8	**林益銓 Nick_Lin** PE	**同意** 2026-10-30 10:18	
9	**黃振哲 Terry_Huang** ECR-PMC人員	**同意** 2026-11-02 10:24	
10	**邱羽萱 Lily_Chiu** PMC	**同意** 2026-11-02 10:30	
11	**黃瓊玉 Joannehuang** ECR-PD人員	**同意** 2026-11-02 10:55	

序號	簽核人	簽核結果	簽核意見
11	**郭修榮 Omega_Kuo** PD	**同意** 2026-11-02 10:59	
11	**李慧珊 Sandra** ECR-SCM人員	**同意** 2026-11-02 11:47	
12	**呂姿蓁 Chris_Lu** [李慧珊 Sandra 加簽]	**同意** 2026-11-02 15:27	
13	**李金龍 Kevin_Lee** ECR-QA人員	**同意** 2026-11-02 17:42	
14	**陳泰盛 Tyson_Chen** QA	**同意** 2026-11-02 17:49	
15	**楊建勛 Michael_Young** R&D Director	**同意** 2026-11-03 08:46	
16	**蕭玉桃 Momohsiao** ECR-PIC人員	**同意** 2026-11-03 10:07	
17	**蔡豐禧 Ferris_Tsai** SAP核發	**同意** 2026-11-05 17:30	