RD-ECR (Engineering Change Request)

申請人: 韌體課/魏品倫 Anderson_Wei　　表單號: 113　申請日期: 2026-09-22

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	EC26100201
-	N/A			Initiator	魏品倫 Anderson_Wei(D0325)
Reason for Change	Add following commands to improve factory efficiency : (1) Source Switch Test. (2) Audio Test.			Issue Date	2026-09-22
Model / Part No	2AAD616R027			Requester Dept	DV11S006-產品管理部
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)	Sales	胡靜文 Estela_Hu(D0547)	File attached 附件上傳	Product Verification Repor... QRC-L-016 RGD2461AMI-... RGD2461AMI-PW(AG) 設...
Customer Approval	○ Needed ◉ Not needed	Customer Name	Philips	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	2AAD616R027	B	8SWD616V011	FW (RGD2461AMI-PW(AG)_220511R0V01)	1.000	U401		FW Change
2	2AAD616R027	A	8SWD616V012	FW (RGD2461AMI-PW_220511R0V01_0207F20F)	1.000	U402		FW Change

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	NA
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	無影響
3. Change point of PCB mounting PCBA插件位置是否變更	3.Confirm	○ Yes ◉ No need	3.Remark	NA
4. PCBA Process Changes PCBA製程是否變更	4.Confirm	○ Yes (Continue checking below) ◉ No	4.Remark	無影響
_ 4-1) Change of Reflow temperature 迴焊溫度是否變更	4-1 Confirm	○ Yes ◉ No need	4-1.Remark	無影響
_ 4-2) Change of bonding temperature 膠合溫度是否變更	4-2 Confirm	○ Yes ◉ No need	4-2.Remark	無影響
_ 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	無影響
_ 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	無影響
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	參考附件

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	NA
8. Risk Management(Medical only) 是否有進行風險管理評估	8.Confirm	○ Yes ● No need	8.Remark	NA
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	NA
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	FW導入
_ 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	工單1007842，日期2026.10.16
_ 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	FW導入
_ 10-3) Arrange th production schedule 處理生產日程之安排	10-3 Confirm	● Yes ○ No need	10-3.Remark	日期2026.10.16
_ 10-4) Control the changed materials 變更材料之管制	10-4 Confrim	○ Yes ● No need	10-4.Remark	NAFW導入
_ 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	工單1007842 追蹤
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	NA
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	NA
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	**王寶源 Rexwang** 二階主管(課/部級)	**同意** 2026-09-29 13:52	
2	**林雪清 Joe_Lin** ECR-DQE人員	**同意** 2026-09-29 13:56	N/A
2	**張鈞凱 Ericchang** ECR-DQE人員	**同意** 2026-09-29 14:42	N/A
2	**林金封 Jim_Lin** ECR-DQE人員	**同意** 2026-09-30 17:56	N/A
2	**呂旻峰 Jack** ECR-DQE人員	**同意** 2026-10-02 10:31	驗證結果為Pass, 詳情參考附件驗證報告
3	**廖榮棋 Rongchi_Liao** DQE主管	**同意** 2026-10-02 10:42	
4	**胡靜文 Estela_Hu** Sales	**同意** 2026-10-02 11:17	

序號	簽核人	簽核結果	簽核意見
4	**王志維 Ryan_Wang** PM	**同意** 2026-10-05 13:14	
5	**楊建勛 Michael_Young** R&D Director [通知]	**同意** 2026-10-05 13:14	[通知]
6	**蕭玉桃 Momohsiao** ECR-PIC人員	**同意** 2026-10-05 13:21	
7	**王世炫 Hsuan_Wang** ECR-PE人員	**轉簽** 2026-10-05 14:29	
7	**魏品倫 Anderson_Wei** [王世炫 Hsuan_Wang 轉簽] Model / Part No 欄位,請列出機種名.	**轉簽** 2026-10-05 14:34	Model / Part No 為 : 1A1A2323Y100002 RGD2461AMI-PW(AG)
7	**王世炫 Hsuan_Wang** [魏品倫 Anderson_Wei 轉簽]	**同意** 2026-10-05 16:15	
7	**蔡博翔 John_Tsai** [王世炫 Hsuan_Wang 加簽]FW變更.	**同意** 2026-10-05 17:40	
7	**童嘉彬 Bin_Tong** [王世炫 Hsuan_Wang 加簽]FW變更.	**同意** 2026-10-06 08:37	
7	**鄭正宜 Asli_Cheng** [王世炫 Hsuan_Wang 加簽]FW變更.	**同意** 2026-10-08 10:57	
8	**林益銓 Nick_Lin** PE	**同意** 2026-10-08 11:08	
9	**童嘉彬 Bin_Tong** [黃振哲 Terry_Huang 加簽]工單1007798是否導入	**同意** 2026-10-12 08:43	工單1007798未導入已生產檢驗中,請下批導入
10	**黃振哲 Terry_Huang** ECR-PMC人員	**同意** 2026-10-12 09:48	
11	**邱羽萱 Lily_Chiu** PMC	**同意** 2026-10-14 10:26	
12	**郭修榮 Omega_Kuo** PD	**同意** 2026-10-14 10:59	
12	**黃瓊玉 Joannehuang** ECR-PD人員	**同意** 2026-10-14 11:14	
12	**王彥筑 Mary_Wang** ECR-SCM人員 Sandra請假代理	**同意** 2026-10-14 11:45	
12	**李慧珊 Sandra** ECR-SCM人員 請假轉派Mary	**轉簽**	
13	**李金龍 Kevin_Lee** ECR-QA人員	**同意** 2026-10-14 11:55	
14	**陳泰盛 Tyson_Chen** QA	**同意** 2026-10-14 13:02	
15	**楊建勛 Michael_Young** R&D Director	**同意** 2026-10-14 14:26	
16	**蕭玉桃 Momohsiao** ECR-PIC人員	**同意** 2026-10-14 15:21	
17	**魏品倫 Anderson_Wei** SAP核發	**同意** 2026-10-14 15:35	