RD-ECR (Engineering Change Request)

申請人: 硬體課/譚德和 Kevin_Tan　　表單號: 106　申請日期: 2026-09-09

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	EC26090601
-	N/A			Initiator	譚德和 Kevin_Tan(D0705)
Reason for Change	Due to the3FM00300823, 3KH0007734B mold issue, add second source 3FM00300824, 3KH0007734C.			Issue Date	2026-09-09
Model / Part No	Please refer to the attached file.			Requester Dept	DV11M016-採購課
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)	Sales	陳冠華 Oliver_Chen(D0525)	File attached 附件上傳	3FM00300823_Compariso... Product Validation Report... 設計變更審查會議記錄-G版... 備忘錄樣式.pdf 影響機種.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	2AAD0510033	B						
1	2AAD0510033	A	3FM00300824	AC SOCKET (R-301SN(B204)-Z,RICH BAY)	1.000			1st: 3FM00300823 2nd: 3FM00300824 3rd: 3FM00300820
2	2AAD2930033	B						
2	2AAD2930033	A	3FM00300824	AC SOCKET (R-301SN(B204)-Z,RICH BAY)	1.000			1st: 3FM00300823 2nd: 3FM00300824 3rd: 3FM00300822
3	1A1A2323Y100001	B						
3	1A1A2323Y100001	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
4	1A1A24230118100	B						
4	1A1A24230118100	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
5	1A1A24230118101	B						
5	1A1A24230118101	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
6	2AAD0940021	B						
6	2AAD0940021	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
7	2AAD1450031	B						
7	2AAD1450031	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
8	2AAD1460031	B						
8	2AAD1460031	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
9	2AAD2770023	B						
9	2AAD2770023	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
10	2AAD2770123	B						
10	2AAD2770123	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
11	2AAD2840031	B						
11	2AAD2840031	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
12	2AAD4130017	B						

No	Subassembly	T	PartNo	Description	Qty	Location	Stock	Remark
12	2AAD4130017	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
13	2AAD4800021	B						
13	2AAD4800021	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
14	2AAD5360131	B						
14	2AAD5360131	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
15	2AAD5440023	B						
15	2AAD5440023	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
16	2AAD5620131	B						
16	2AAD5620131	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
17	2AAD5620231	B						
17	2AAD5620231	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
18	2AAD5690031	B						
18	2AAD5690031	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
19	2AAD6030023	B						
19	2AAD6030023	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
20	2AAD6160031	B						
20	2AAD6160031	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
21	2AAD6440021	B						
21	2AAD6440021	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
22	2AAD6590031	B						
22	2AAD6590031	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340
23	2AAD6610023	B						
23	2AAD6610023	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340

No	Subassembly	T	PartNo	Description	Qty	Location	Stock	Remark
24	2AAD6620023	B						
24	2AAD6620023	A	3KH0007734C	AC SOCKET(R-301SN(B204)-Z&GND WIRE,YOMIN	1.000			1st: 3KH0007734C 2nd: 3KH0007734A delete 3KH0007734B,3KH00077340

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
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	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	請參考附件
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	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	2026.10.16 開始導入替代料
_ 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	日期2026.10.16 工單1007810
_ 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	2026.10.16 工單1007810
_ 10-3) Arrange th production schedule 處理生產日程之安排	10-3 Confirm	● Yes ○ No need	10-3.Remark	2026.10.16 工單1007810
_ 10-4) Control the changed materials 變更材料之管制	10-4 Confrim	○ Yes ● No need	10-4.Remark	無需變更材料管制
_ 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	2026.10.16 工單1007810

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	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	**譚德和 Kevin_Tan** 申請人撤回	**申請人撤回** 2026-09-09 15:36	修改替代順序
2	**盧俊宇 Jackylu** 二階主管(課/部級)	**同意** 2026-09-09 17:19	
3	**林雪清 Joe_Lin** ECR-DQE人員	**同意** 2026-09-10 08:29	測試PASS，報告如附件
3	**林金封 Jim_Lin** ECR-DQE人員	**同意** 2026-09-10 09:20	無影響
3	**張鈞凱 Ericchang** ECR-DQE人員	**同意** 2026-09-10 11:43	無影響EMI
3	**呂旻峰 Jack** ECR-DQE人員	**同意** 2026-09-10 11:55	N/A
4	**廖榮棋 Rongchi_Liao** DQE主管	**同意** 2026-09-10 15:17	
5	**王志維 Ryan_Wang** PM	**同意** 2026-09-11 09:18	
5	**陳冠華 Oliver_Chen** Sales	**同意** 2026-09-14 11:04	個別業務確認是否需通知客戶
6	**劉証瑋 Dennis_Liu** [陳冠華 Oliver_Chen 加簽]Sales	**同意** 2026-09-14 14:05	
7	**胡靜文 Estela_Hu** [陳冠華 Oliver_Chen 加簽]Sales	**同意** 2026-09-14 14:17	
8	**楊建勛 Michael_Young** R&D Director [通知]	**同意** 2026-09-14 14:17	[通知]
9	**蕭玉桃 Momohsiao** ECR-PIC人員	**同意** 2026-09-14 14:38	
10	**王世炫 Hsuan_Wang** ECR-PE人員	**同意** 2026-09-14 14:43	
11	**林益銓 Nick_Lin** PE	**同意** 2026-09-14 17:02	
12	**黃振哲 Terry_Huang** ECR-PMC人員	**同意** 2026-09-14 18:16	1st: 3KH0007734C 2nd: 3KH0007734A
13	**邱羽萱 Lily_Chiu** PMC	**同意** 2026-09-15 08:56	
14	**黃瓊玉 Joannehuang** ECR-PD人員	**同意** 2026-09-15 09:32	
14	**李慧珊 Sandra** ECR-SCM人員	**同意** 2026-09-15 16:49	

序號	簽核人	簽核結果	簽核意見
14	**郭修榮 Omega_Kuo** PD	**同意** 2026-09-16 10:00	
15	**李金龍 Kevin_Lee** ECR-QA人員	**同意** 2026-09-16 10:38	
16	**陳泰盛 Tyson_Chen** QA	**同意** 2026-09-16 10:49	
17	**楊建勛 Michael_Young** R&D Director	**同意** 2026-09-16 11:34	
18	**蕭玉桃 Momohsiao** ECR-PIC人員	**同意** 2026-09-16 15:41	
19	**譚德和 Kevin_Tan** SAP核發	**同意** 2026-09-18 09:19	