RD-ECR (Engineering Change Request)

申請人: 硬體課/譚德和 Kevin_Tan　　表單號: 111　申請日期: 2026-09-14

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	EC26090801
-	N/A			Initiator	譚德和 Kevin_Tan(D0705)
Reason for Change	Due to the 3CC10625MJW shortage issue, add second source 3CC10625MJY			Issue Date	2026-09-14
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	3CC10625MJW_ MLCC Co... 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
2	2AAD505R238	B						
2	2AAD505R238	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	11.000	C116,C119,C125,C128,C129,C133,C211,C213,C418,C426,C504		1st : 3CC10625MJY 2nd: 3CC10625MJW
3	2AAD536R038	B						
3	2AAD536R038	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	18.000	C501,C502,C503,C508,C509,C510,C511,C512,C513,C515,C516,C517,C518,C519,C707,C721,C723,C767		1st : 3CC10625MJY 2nd: 3CC10625MJW
4	2AAD536R138	B						
4	2AAD536R138	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	18.000	C501,C502,C503,C508,C509,C510,C511,C512,C513,C515,C516,C517,C518,C519,C707,C721,C723,C767		1st : 3CC10625MJY 2nd: 3CC10625MJW
5	2AAD539014S	B						
5	2AAD539014S	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	12.000	C123,C143,C147,C148,C1001,C1013,C1016,C403,C409,C426,C431,C438		1st : 3CC10625MJY 2nd: 3CC10625MJW
6	2AAD539R038	B						
6	2AAD539R038	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	3.000	C1001,C1013,C1016		1st : 3CC10625MJY 2nd: 3CC10625MJW
7	2AAD539R138	B						
7	2AAD539R138	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	3.000	C1001,C1013,C1016		1st : 3CC10625MJY 2nd: 3CC10625MJW
8	2AAD558R038	B						
8	2AAD558R038	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	5.000	C408,C415,C704,C707,C714		1st : 3CC10625MJY 2nd: 3CC10625MJW
10	2AAD567R138	B						
10	2AAD567R138	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	10.000	C1101,C1112,C1114,C1118,C301,C312,C318,C339,C347,C813		1st : 3CC10625MJY 2nd: 3CC10625MJW
11	2AAD606R038	B						
11	2AAD606R038	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	25.000	C1001,C1013,C1016,C1021,C501,C502,C503,C505,C506,C510,C511,C512,C513,C515,C516,C517,C518,C519,C703,C718,C719,C753,C757,C762,C763		1st : 3CC10625MJY 2nd: 3CC10625MJW
12	2AAD619014S	B						

No	Subassembly	T	PartNo	Description	Qty	Location	Stock	Remark
12	2AAD619014S	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	71.000	C1001,C1002,C1003,C1008,C1009,C1023,C1027,C1101,C1102,C1103,C1105,C1106,C1107,C1108,C1109,C1110,C1111,C1112,C1113,C1115,C1116,C1117,C1118,C1119,C1120,C1121,C1122,C1123,C1125,C1126,C1127,C1502,C1510,C1516,C1518,C1521,C1527,C201,C203,C206,C208,C501,C503,C506,C508,C512,C517,C521,C528,C550,C551,C552,C553,C555,C561,C568,C570,C572,C802,C803,C807,C808,C809,C810,C811,C815,C816,C817,C827,C828,C829		1st : 3CC10625MJY 2nd: 3CC10625MJW
13	2AAD664014S	B						
13	2AAD664014S	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	41.000	C503,C508,C509,C510,C601,C602,C605,C606,C607,C608,C611,C612,C614,C615,C616,C619,C620,C801,C802,C803,C804,C805,C806,C807,C808,C809,C810,C811,C812,C813,C814,C815,C816,C817,C818,C819,C820,C848,C849,C869,C870		1st : 3CC10625MJY 2nd: 3CC10625MJW
14	2AAD664044S	B						
14	2AAD664044S	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	4.000	C401,C406,C710,C713		1st : 3CC10625MJY 2nd: 3CC10625MJW
15	2AAD664114S	B						
15	2AAD664114S	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	41.000	C503,C508,C509,C510,C601,C602,C605,C606,C607,C608,C611,C612,C614,C615,C616,C619,C620,C801,C802,C803,C804,C805,C806,C807,C808,C809,C810,C811,C812,C813,C814,C815,C816,C817,C818,C819,C820,C848,C849,C869,C870		1st : 3CC10625MJY 2nd: 3CC10625MJW
16	2AAD697014S	B						
16	2AAD697014S	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	3.000	C1001,C1013,C1016		1st : 3CC10625MJY 2nd: 3CC10625MJW
17	2AAD698014S	B						
17	2AAD698014S	A	3CC10625MJY	CC (10U,25V,X5R,M,0603)	12.000	C1001,C1013,C1016,C123,C143,C147,C148,C403,C409,C426,C431,C438		1st : 3CC10625MJY 2nd: 3CC10625MJW

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	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	僅替代物料切換
_ 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	訂單4100052533，2026.10.14
_ 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	僅替代物料切換
_ 10-3) Arrange th production schedule 處理生產日程之安排	10-3 Confirm	◉ Yes ○ No need	10-3.Remark	訂單4100052533，2026.10.14
_ 10-4) Control the changed materials 變更材料之管制	10-4 Confrim	○ Yes ◉ No need	10-4.Remark	僅替代物料切換
_ 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	僅替代物料切換
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	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	12-3.Remark	N/A

簽核列表 ◉ 表格 ○ 圖形

序號	簽核人	簽核結果	簽核意見
1	**盧俊宇 Jackylu** 二階主管(課/部級)	**同意** 2026-09-14 14:09	
2	**林雪清 Joe_Lin** ECR-DQE人員	**同意** 2026-09-14 14:16	測試報告如附件
2	**張鈞凱 Ericchang** ECR-DQE人員	**同意** 2026-09-14 14:18	無影響EMI
2	**林金封 Jim_Lin** ECR-DQE人員	**同意** 2026-09-14 17:45	
2	**呂旻峰 Jack** ECR-DQE人員	**同意** 2026-09-16 10:34	N/A
3	**廖榮棋 Rongchi_Liao** DQE主管	**同意** 2026-09-16 14:29	
4	**王志維 Ryan_Wang** PM	**同意** 2026-09-16 14:39	
4	**陳冠華 Oliver_Chen** Sales	**同意** 2026-09-16 15:17	JKC正在走EOL程序，可不導入。
5	**胡靜文 Estela_Hu** [陳冠華 Oliver_Chen 加簽]Sales	**同意** 2026-09-16 15:25	
6	**劉証瑋 Dennis_Liu** [陳冠華 Oliver_Chen 加簽]Sales	**同意** 2026-09-16 16:31	
7	**楊建勛 Michael_Young** R&D Director [通知]	**同意** 2026-09-16 16:31	[通知]
8	**蕭玉桃 Momohsiao** ECR-PIC人員	**同意** 2026-09-16 17:20	
9	**王世炫 Hsuan_Wang** ECR-PE人員	**同意** 2026-09-16 17:42	
10	**林益銓 Nick_Lin** PE	**同意** 2026-09-16 18:31	
11	**黃振哲 Terry_Huang** ECR-PMC人員	**同意** 2026-09-17 16:53	
12	**邱羽萱 Lily_Chiu** PMC	**同意** 2026-09-17 17:32	
13	**李慧珊 Sandra** ECR-SCM人員	**同意** 2026-09-17 17:48	
13	**黃瓊玉 Joannehuang** ECR-PD人員	**同意** 2026-09-17 20:07	
13	**郭修榮 Omega_Kuo** PD	**同意** 2026-09-18 10:35	
14	**李妍樂 Alina_Lee** [李慧珊 Sandra 加簽]	**同意** 2026-09-18 15:12	
15	**李金龍 Kevin_Lee** ECR-QA人員	**同意** 2026-09-21 13:05	
16	**陳泰盛 Tyson_Chen** QA	**同意** 2026-09-21 15:25	
17	**楊建勛 Michael_Young** R&D Director	**同意** 2026-09-21 15:35	
18	**譚德和 Kevin_Tan** [蕭玉桃 Momohsiao 加簽]請再確認Sales Oliver簽核意見內容	**同意** 2026-09-23 10:51	已將JKC 組件移除
19	**蕭玉桃 Momohsiao** ECR-PIC人員	**同意** 2026-09-23 13:25	
20	**譚德和 Kevin_Tan** SAP核發	**同意** 2026-09-23 13:47	