RD-ECR (Engineering Change Request)

申請人: 硬體課/賴嘉賓 表單號: 41 申請日期: 2026-07-06

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	EC26070301
-	NXP add MCC 2nd			Initiator	賴嘉賓(D0164)
Reason for Change	MCC可符合歐盟提出的放寬條件			Issue Date	2026-07-06
Model / Part No	1A1A24260112200 RUP2433AMI / 1A1A24260112201 RUP2433AMI_D / 1A1A24260112202 RUP2433AMI / 1A1C27260112200 RUP2732CMI / 1A1C27260112201 RUP2732CMI / 1A2C27260118100 RUP2732CMI_CTD			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	曹嘉雯(D0572)	Sales	胡靜文(D0547)	File attached 附件上傳	NXP add MCC 2nd mail.pdf 設計變更審查會議記錄 NXP... Product Verification Repor... Product Verification Repor...
Customer Approval	◉ Needed ○ Not needed	Customer Name	Philips	Customer Sign-off Area 客戶簽核	SICR20251219004A - SICR...
Invalid	◉ No ○ Yes	-			

Material Change Description 物料變更說明

No	Subassembly	T	PartNo	Description	Qty	Location	Stock	Remark
1	2AAD462R03U	B						
1	2AAD462R03U	A	3DSL24PL01Y	DIODE (SL24PL,SOD123FL,SMD,MCC)	2.000	D1703,D1704		Add to 3rd source for 3D2020EH01Y
2	2AAD462R13U	B						
2	2AAD462R13U	A	3DSL24PL01Y	DIODE (SL24PL,SOD123FL,SMD,MCC)	2.000	D1702,D1703		Add to 3rd source for 3D2020EH01Y
3	2AAD462R33U	B						
3	2AAD462R33U	A	3DSL24PL01Y	DIODE (SL24PL,SOD123FL,SMD,MCC)	2.000	1702,D1703		Add to 3rd source for 3D2020EH01Y181
4	2AAD536R038	B						
4	2AAD536R038	A	3DBAT54009Y	DIODE (BAT54C,SOT23,SMD,MCC)	6.000	D305,D310,D311,D312,D313,D901		Add to 3rd source for 3DBAT54006Y
5	2AAD536R038	B						
5	2AAD536R038	A	3DBAT54019Y	DIODE (BAT54S,SOT23,SMD,MCC)	1.000	D109		Add to 3rd source for 3DBAT54008Y
6	2AAD536R138	B						
6	2AAD536R138	A	3DBAT54009Y	DIODE (BAT54C,SOT23,SMD,MCC)	6.000	D305,D310,D311,D312,D313,D901		Add to 3rd source for 3DBAT54006Y
7	2AAD536R138	B						
7	2AAD536R138	A	3DBAT54019Y	DIODE (BAT54S,SOT23,SMD,MCC)	1.000	D109		Add to 3rd source for 3DBAT54008Y

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	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	2.Remark	No need
3. Change point of PCB mounting PCBA插件位置是否變更	3.Confirm	○ Yes ◉ No need	3.Remark	No need
4. PCBA Process Changes PCBA製程是否變更	4.Confirm	○ Yes (Continue checking below) ◉ No	4.Remark	No need
_ 4-1) Change of Reflow temperature 迴焊溫度是否變更	4-1 Confirm	○ Yes ◉ No need	4-1.Remark	No need
_ 4-2) Change of bonding temperature 膠合溫度是否變更	4-2 Confirm	○ Yes ◉ No need	4-2.Remark	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	4-3.Remark	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	4-4.Remark	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	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	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	7.Remark	No need
8. Risk Management(Medical only) 是否有進行風險管理評估	8.Confirm	○ Yes ◉ No need	8.Remark	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	9.Remark	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.Remark	因為單純增加3rd source，不影響在途工單或訂單用料，不須實施
_ 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	因為單純增加3rd source，不影響在途工單或訂單用料，不須實施
_ 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	因為單純增加3rd source，不影響在途工單或訂單用料，不須實施
_ 10-3) Arrange th production schedule 處理生產日程之安排	10-3 Confirm	○ Yes ◉ No need	10-3.Remark	因為單純增加3rd source，不影響在途工單或訂單用料，不須實施
_ 10-4) Control the changed materials 變更材料之管制	10-4 Confrim	○ Yes ◉ No need	10-4.Remark	因為單純增加3rd source，不影響在途工單或訂單用料，不須實施
_ 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	因為單純增加3rd source，不影響在途工單或訂單用料，不須實施
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	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	12-1.Remark	No need
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	File attache

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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** 二階主管(課/部級)	**同意** 2026-07-06 10:51	
2	**呂旻峰** ECR-DQE人員	**否決** 2026-07-06 15:52	缺少驗證報告
3	**賴嘉賓** 重新送簽	**重新送簽** 2026-07-06 16:04	

序號	簽核人	簽核結果	簽核意見
4	**盧俊宇** 二階主管(課/部級)	**同意** 2026-07-06 16:19	
5	**呂旻峰** ECR-DQE人員	**同意** 2026-07-07 09:14	測試結果為PASS, 測試報告參考附件
5	**張鈞凱** ECR-DQE人員	**同意** 2026-07-08 17:13	不影響EMI
5	**林雪清** ECR-DQE人員	**同意** 2026-07-13 13:34	
5	**林金封** ECR-DQE人員	**同意** 2026-07-14 10:53	
6	**廖榮棋** DQE主管	**同意** 2026-07-14 11:13	
7	**胡靜文** Sales	**同意** 2026-07-14 11:25	
7	**曹嘉雯** PM	**同意** 2026-07-15 10:28	
8	**楊建勛** R&D Director [通知]	**同意** 2026-07-15 10:28	[通知]
9	**蕭玉桃** ECR-PIC人員	**同意** 2026-07-15 11:39	
10	**王世炫** ECR-PE人員	**同意** 2026-07-15 14:25	
11	**林益銓** PE	**同意** 2026-07-15 16:05	
12	**黃振哲** ECR-PMC人員	**同意** 2026-07-16 10:37	RD BEN 修改項次3，物料3D2020EH01Y > 3D2020EH01Y181
13	**邱羽萱** PMC	**同意** 2026-07-16 11:05	
14	**黃瓊玉** ECR-PD人員	**同意** 2026-07-16 15:20	
14	**林益銓** PD	**同意** 2026-07-20 10:33	
14	**李慧珊** ECR-SCM人員	**同意** 2026-07-21 13:17	
15	**李金龍** ECR-QA人員	**同意** 2026-07-22 11:08	
16	**陳泰盛** QA	**同意** 2026-07-22 11:51	
17	**曹嘉雯** 通知PM&PE [通知]	**同意** 2026-07-22 11:51	[通知]
17	**王世炫** ECR-PE人員 [通知]	**同意** 2026-07-22 11:51	[通知]
18	**胡靜文** Sales客審	**同意** 2026-07-27 09:15	
19	**楊建勛** R&D Director	**同意** 2026-07-27 09:29	
20	**蕭玉桃** ECR-PIC人員	**同意** 2026-07-27 10:26	
21	**賴嘉賓** SAP核發	**同意** 2026-07-27 11:21	