



友順科技股份有限公司

UNISONIC TECHNOLOGIES CO., LTD

產 品 變 更 通 知

PRODUCT CHANGE NOTIFICATION

PCN No.	IC-PCN-150802	Issue Date	2015.08.10
TITLE	LD1117AL TO-252 樹脂提升(Upgrade molding compound in P/N LD1117AL TO-252)	Page 1 of 2	

變更主旨(TITLE):

為了提升產品品質，樹脂從無鉛樹脂提升成無鹵樹脂，以符合綠色環保要求。

UTC upgrade Lead-free compound to Halogen-free compound in P/N LD1117AL TO-252 to meet industrial and customer green requirement.

變更類別(CATEGORY):

☐ Design ☐ Process ☒ Raw Material ☐ Manufacturing Site
☐ Testing ☐ Packing/Shipping/Labeling ☐ Other _____

變更說明(DESCRIPTION OF CHANGE):

	變更前(Before)_Lead-free	變更後(After)_Halogen-free
molding compound	SUMITOMO EME-6300	SAMSUNG SG-8300H DU

1. 本公司定義無鹵素產品必須符合以下條件，這些條件必須符合IEC61249之規範，並及時滿足客戶的需求：

UTC defines Halogen-Free products according to IEC61249 definition to meeting the needs of our customer in timely matter.

- 氯及氯化物於均質材料中的含量在 900ppm 以下
Less than 900ppm of chloride and its compounds in homogeneous materials.
- 溴及溴化合物於均質材料中的含量在 900ppm 以下
Less than 900ppm of bromine and its compounds in homogeneous materials.
- 鹵素總含量於均質材料中總和在 1500ppm 以下
The total amount of halogens will not exceed 1500ppm in homogeneous materials.
- 三氧化二銻(antimony trioxide)不可使用
No use of antimony trioxide and its compounds
(註：IEC61249 並未有三氧化二銻及其化合物之相關規定。)
Note: Neither antimony trioxide nor its compounds are stipulated in the IEC61249 specifications.

2. 本公司即日起可供應無鹵樹脂之產品，現有庫存品繼續出貨至用罄後全面供應，實際交貨依客戶之要求。

Product shipments using halogen-free compound will begin immediately. Timing of shipment of the changed part will vary depending on customer demand and inventory levels. Currently both of old LF and new HF products will be delivered for the time being.



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品質驗證(QUALIFICATION AND RELIABILITY DATA):

指定產品均通過封裝可靠性測試，且不影響原承認書保證之特性。(請參考可靠度報告)

No change to electrical specification in approval datasheet, and package reliability test were qualified in the specific product.(Refer to reliability report)

變更識別(IDENTIFICATION METHOD TO DISTINGUISH CHANGE)

新樹脂產品可用D/C及製造工令來進行批次管控及追溯，現有庫存品繼續出貨至用罄後全面供應，實際交貨依客戶之要求。

New compound (SG-8300HK) is going to be controlled by Production Order and the delivered product can be tracing by D/C and Work Order number.

生效日期(EFFECTIVE DATE OF CHNAGE):

Nov-7-2015

若 貴公司未於收到本通知書起30日內，另以書面提出要求，本公司將視同 貴公司已同意本項變更。

UTC will consider this change approved unless specific requests are addressed in writing within 30 days of receipt of this PCN.

適用範圍(APPLICABLE PRODUCTS):

LD1117AL TO-252

友順對此變更所引起之不便表達致歉，如果對本變更有任何問題，請與我們的業務代表或經銷商聯絡。

We apologize for any inconvenience causing from this change, If you have any questions concerning this change, please contact your local sales or UTC's sales representative.