

測試報告

Test Report

號碼(No.): ETR20C04405

日期(Date): 25-Dec-2020

頁數(Page): 1 of 5

美麗半導體股份有限公司 (FORMOSA MICROSEMI CO., LTD.)

杭州美麗微電子有限公司 (HANGZHOU FORMOSA MICRO-ELECTRONIC CO., LTD.)

新北市土城區忠承路111號6樓 (6F., NO. 111. ZHONGCHENG RD., TUCHENG DIST., NEW TAIPEI CITY 23674, TAIWAN)

杭州市濱江區明德路6號1幢三層 (FLOOR 3, BLOCK 1, NO. 6, MINGDE ROAD, BINJIANG DISTRICT, HANGZHOU, CHINA)

以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as) :

樣品名稱(Sample Name) : WIRE BONDED PROCESSED PLASTIC MOLDED PRODUCTS (各項打線製程塑封裝產品)

樣品型號(Style/Item No.) : 請參考第2頁 (PLEASE REFER TO PAGE 2)

收件日(Sample Receiving Date) : 18-Dec-2020

測試期間(Testing Period) : 18-Dec-2020 to 25-Dec-2020

測試需求(Test Requested) : 依據客戶指定，測試鹵素-氟、氯、溴、碘。(As specified by client, to test Halogen-Fluorine, Chlorine, Bromine, Iodine in the submitted sample.)

測試結果(Test Results) : 請參閱下一頁 (Please refer to following pages.)


Troy Chang, Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



PIN CODE: C4E73A27

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樣品型號(Style/Item No.)

:

0402 / 0603 / 0805 / 1005(SOD-323)/ FN2510P10 / MFN-1 / MFN-2 / MFN-3 / MFN-4 /
MFN-5 / MFN-5-1 / MFN-5T / MFN-9 / MFN-9-1 / MFN-9T / uDFN-2L / SOD-882 / D0201 /
T0603 / T0603-1/ T0603-3 / T1006P2 / T1006P2-A2/ T3020P10/ T3810P9/ T3333P8 /
T2010P10/ T2020P6/T2020P6-1 /T2020P6-2/ T2510P10/T1006P3/ T1006P3-1/ T1006P3-2 /
T1006P2-7/ T1006P2-7A/ T1006-A4/ T1608P2/ T1608P2-2/ T0603/ T0603-1/ T0603-2/
T1610P2/ T1610P6/ T2626P10/ T5060P8/DFN0.6X0.3 (DFN0603)/
DFN1.0X0.6 (DFN1006) (T1006P3)/ DFN1.2X1.2 (DFN1212)/ DFN1.6X1.6 (DFN1616)/
DFN1X1-6 (DFN1010-6)/ DFN1X1-3 (DFN1010-3)/DFN2X2 (DFN2020) (T2020P6)/
DFN2X3 (DFN2030)/ DFN2X5 (DFN2050)/ DFN3X2 (DFN3020)/
DFN3X2NEP (DFN3020NEP)/ DFN3X3 (DFN3030)/ DFN3X3NEP(DFN3030NEP)/
DFN3.3X3.3 (DFN3333)/T3030P8/ DFN5X6 (DFN5060) (T5060P8) (PPAK5X6)/
SOT-883/ T8080P8/SC-76 / SC-89(SOT-523) / SOD-123F/ SOD-123FL / SOD-323F /
SOD-323FL / SOD-523FL / SOD-723FL / SOD-923FL / SOP8 (SOP-08) / SOT-1123/
SOT-143 /SOT-223/ SOT-223-2 / SOT-23(SC-59) / SOT-23-5(SOT-25) /
SOT-23-6 (SOT-26) / SOT-23-LC/ SOT-323 / SOT-353 / SOT-363(SC-88) /
SOT-523 / SOT-553 / SOT-563 / SOT-723 / SOT-89 / SOT-923 / TSOP-6 / TSSOP-8

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測試部位敘述 (Test Part Description)

No.1 : 各項打線製程塑封裝產品 (WIRE BONDED PROCESSED PLASTIC MOLDED PRODUCTS)

測試結果 (Test Results)

測試項目 (Test Items)	測試方法 (Method)	單位 (Unit)	MDL	結果 (Result)
				No.1
氟 (F) (Fluorine (F)) (CAS No.: 14762-94-8)	參考BS EN 14582: 2016 · 以離子層析儀分析。 (With reference to BS EN 14582: 2016, analysis was performed by IC.)	mg/kg	50	n.d.
氯 (Cl) (Chlorine (Cl)) (CAS No.: 22537-15-1)	參考BS EN 14582: 2016 · 以離子層析儀分析。 (With reference to BS EN 14582: 2016, analysis was performed by IC.)	mg/kg	50	75.9
溴 (Br) (Bromine (Br)) (CAS No.: 10097-32-2)	參考BS EN 14582: 2016 · 以離子層析儀分析。 (With reference to BS EN 14582: 2016, analysis was performed by IC.)	mg/kg	50	n.d.
碘 (I) (Iodine (I)) (CAS No.: 14362-44-8)	參考BS EN 14582: 2016 · 以離子層析儀分析。 (With reference to BS EN 14582: 2016, analysis was performed by IC.)	mg/kg	50	n.d.

備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n.d. = Not Detected (未檢出) ; 小於MDL / Less than MDL

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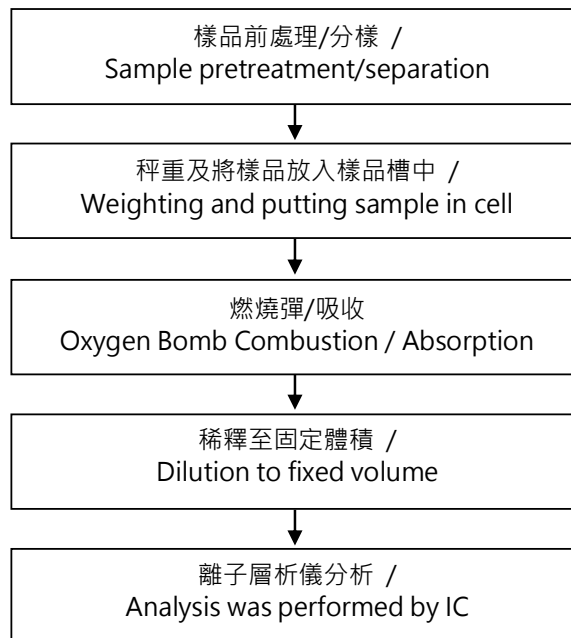
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鹵素分析流程圖 / Analytical flow chart - Halogen



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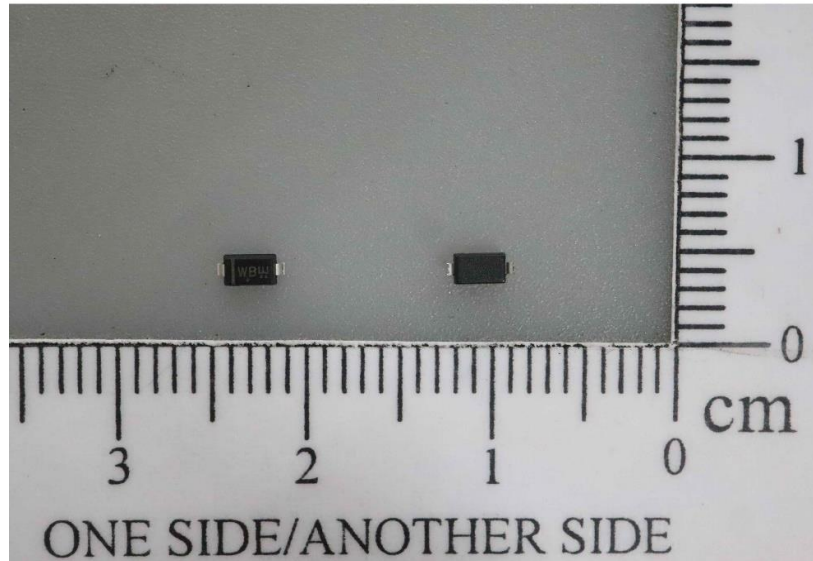
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* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。*

(The tested sample / part is marked by an arrow if it's shown on the photo.)

ETR20C04405



** 報告結尾 (End of Report) **

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