# 承認書

# Specification Approval

**CUSTOMER : DIVA Laboratories., Ltd.**

**BRAND:LRC**

**PART NO: MX25V80066M1I02**

**CUSTOMER PART NO: 3A80066001Y** (A0570)

**Checksum :**

**APPROVED BY: Edison Liu**

**DATE: 2025/10/3**

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| AVNET ASIA PTE. LTD. | CUSTOMER APPROVAL STAM |
|---|---|
| Avnet Asia Pte., Ltd. Taiwan Br. (Singapore)<br>新加坡商安富利股份有限公司台灣分公司<br>台北市南港區園區街 3 號 5 樓<br>Tel : (02)2655-8688<br>Fax: (02)2655-8666 | 設計驗證<br>工程課<br>2025 -10- 21<br>發行<br>鈺創科技開發股份有限公司 |


新加坡商安富利股份有限公司台灣分公司

台北市南港區園區街 3 號 5 樓

電話:(02)2655-8688 傳真:(02)3655-8666

旺 宏 電 子 股 份 有 限 公 司
MACRONIX INTERNATIONAL CO.,LTD.

# Package Material Composition and Mass Calculation

**Subcontractor :** **ASECL**
**Package :** **8SOP 150mil**
**Total Pkg. Wt (g):** **0.0777**

| | name | material composition | CAS No. | % | mg.(ave) | mg. | % | PPM |
|---|---|---|---|---|---|---|---|---|
| Mold Compound | G600F | | | | | 44.75600 | 57.61102% | 576,110 |
| | | Epoxy Resin A | Trade Secret | 5-10% | 2.23780 | | 2.88055% | 28,806 |
| | | Epoxy Resin B | 29690-82-2 | 1-5% | 0.89512 | | 1.15222% | 11,522 |
| | | Phenol Resin | Trade Secret | 1-5% | 1.79024 | | 2.30444% | 23,044 |
| | | Silica (Amorphous) | 60676-86-0 | 80-90% | 39.69857 | | 51.10097% | 511,010 |
| | | Carbon Black | 1333-86-4 | 0.1-1% | 0.13427 | | 0.17283% | 1,728 |
| Lead Frame | C194 | | | | | 29.83100 | 38.39919% | 383,992 |
| | | Copper | 7440-50-8 | 96.15% | 28.68251 | | 36.92083% | 369,208 |
| | | Iron | 7439-89-6 | 2.60% | 0.77561 | | 0.99838% | 9,984 |
| | | Phosphorus | 7723-14-0 | 0.10% | 0.02983 | | 0.03840% | 384 |
| | | Zinc | 7440-66-6 | 0.15% | 0.04475 | | 0.05760% | 576 |
| | | Silver | 7440-22-4 | 1.00% | 0.29831 | | 0.38399% | 3,840 |
| Die | Silicon | | | | | 2.05000 | 2.63881% | 26,388 |
| | | Silicon | 7440-21-3 | 99% | 2.02950 | | 2.61242% | 26,124 |
| | | Others | - | 1% | 0.02050 | | 0.02639% | 264 |
| Die Attach | EN4900G | | | | | 0.21000 | 0.27032% | 2,703 |
| | | Silver | 7440-22-4 | 74.50% | 0.15645 | | 0.20139% | 2,014 |
| | | Acrylic resin | Trade Secret | 8.50% | 0.01785 | | 0.02298% | 230 |
| | | Polybutadiene derivative | Trade Secret | 4.00% | 0.00840 | | 0.01081% | 108 |
| | | Butadiene copolymer | Trade Secret | 2.00% | 0.00420 | | 0.00541% | 54 |
| | | Epoxy resin | Trade Secret | 2.50% | 0.00525 | | 0.00676% | 68 |
| | | Acrylate | Trade Secret | 5.50% | 0.01155 | | 0.01487% | 149 |
| | | Peroxide | Trade Secret | 1.00% | 0.00210 | | 0.00270% | 27 |
| | | Additive | Trade Secret | 2.00% | 0.00420 | | 0.00541% | 54 |
| Wire | Au Wire | | | | | 0.11168 | 0.14376% | 1,438 |
| | | Gold | 7440-57-5 | 99.00% | 0.11057 | | 0.14232% | 1,423 |
| | | Palladium | 7440-05-3 | 1.00% | 0.00112 | | 0.00144% | 14 |
| Plating | H99.99S | | | | | 0.72784 | 0.93690% | 9,369 |
| | | Tin | 7440-31-5 | 100% | 0.72784 | | 0.93690% | 9,369 |
| **Total** | | | | | | **77.68653** | **100%** | **1000000** |

MACRONIX INTERNATIONAL CO., LTD.
旺宏電子股份有限公司

September 9, 2025

Avnet Asia Pte Ltd., Taiwan Branch(Singapore)(新加坡商安富利股份有限公司台灣分公司)
5 F., No. 3, Yuanqu St., Nangang Dist., Taipei City 115603, Taiwan (R.O.C.)臺北市南港區園區街3號5樓

## Re: REACH SVHC Certificate of Compliance

**Dear Sir,**

**It is hereby confirmed that the Product (identified below) manufactured and shipped directly by the undersigned to your esteemed company ("Addressee") does not contain any REACH Items exceeding 0.1% wt/wt threshold specified in the Candidate List of substances of very high concern for Authorisation under ECHA of 2025/06/25(https://echa.europa.eu/candidate -list-table).**

**Provided that, notwithstanding anything otherwise provided, any and all liabilities of the undersigned and its affiliates in connection with this Certificate and/or related transactions, including but not limited to any and all damages, liabilities, losses, costs, and/or expenses of the Addressee and/or its customer(s), shall be limited to the total payments of Addressee received by the undersigned for a twelve month period immediately preceding the initial claim of the Addressee unless otherwise specified in a separate written agreement to be entered into between the Addressee and the undersigned.**

**P/N: All products of Macronix as of the date first stated above**

**Macronix International Co., Ltd.**
**16, Li-Hsin Road, Science Park**
**Hsin-chu, Taiwan, R.O.C.**

**www.macronix.com**

**Signature:** _____
**Name: Colin Shen**
**Title: Senior Director of the Environment Safety &Health Center**
**Date: September 9, 2025**

MACRONIX
INTERNATIONAL CO., LTD.

# *RoHS Certification*

**Dear Customer,**

**The undersigned hereby confirm that the product shipped to you directly by the undersigned ("Product"), meets the requirements under European Commission Delegated Directive 2011/65/EU and/or 2015/863/EU ("RoHS"), which contains less than the following amounts of RoHS banned substances:**

1. **Cadmium (Cd) < 100 ppm**
2. **Lead (Pb) < 1000 ppm**
3. **Mercury (Hg) < 1000 ppm**
4. **Hexavalent chromium (Cr6+) < 1000 ppm**
5. **Polybrominated biphenyls (PBBs) < 1000 ppm**
6. **Polybrominated diphenyl ethers (PBDEs) < 1000 ppm**
7. **Di 2-Ethyl Hexyl Phthalate (DEHP), Butyl Benzyl Phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) < 1000 ppm.**

**Please be reminded that (i) the Product may contain substances exempted from RoHS, and (ii) any and all liabilities of the undersigned and its affiliates in connection with the Product is limited to your total payments received by the undersigned for a twelve month period immediately preceding your initial claim unless otherwise agreed upon by the undersigned in a separate written agreement.**

**Product; P/N: All products**

**MACRONIX INTERNATIONAL CO., LTD.**
**16, Li-Hsin Road**
**Science Park**
**Hsin-chu, Taiwan**
**www.macronix.com**

Colin Shen Feb 5, 2024

**By: Colin Shen**
**Director of the Safety & Health Center**