

From: Joanne Shapiro-Libman
Sent: Tuesday, May 24, 2016 8:57 AM
To: Pcn System
Subject: PCN# 47828- Notification of Engineering Change from WiseChip Semiconductor Inc.
Attachments: Change desiccant color-for UG-2864ASYDT01(2.7") 500Hrs.pdf; Change desiccant color-forUG-5664ASYDF01(2.8") 500Hrs.pdf; Change desiccant color-for UC-2004ASWAG01(2.89").pdf; Change desiccant color-for UC-2002ASWAG01(2.93").pdf; Change desiccant color-for UG-5664ASYEF01(3.12") 500Hrs.pdf; Change desiccant color-for UC-1602ASWEG01(3.67").pdf; Change desiccant color-for UG-5664ASGGF01(5.5").pdf

From: 楊敬堯 [mailto:jack_yang@wisechip.com.tw]
Sent: Tuesday, May 24, 2016 8:56 AM
To: Alisa Karpova <Alisa.Karpova@FutureElectronics.com>; Joanne Shapiro-Libman <Joanne.Shapiro-Libman@FutureElectronics.com>; Samuel.Setiadi@FutureElectronics.com
Subject: Notification of Engineering Change from WiseChip Semiconductor Inc.

Dear Customer,

We are writing to inform you a newly released "Notification of engineering Change".

Please kindly review and evaluate the change then sign back the notification if you agree with the mention.

Shall you have any question, please contact with our sales manager in charge of discuss your concern.

Thank you for your attention and cooperation.

Panel Size	Part Name	RA Report File
2.7	UG-2864ASGIG01	Change desiccant color-for UG-2864ASYDT01(2.7") 500Hrs.pdf
	UG-2864ASWIG01	
	UG-2864ASYDT05	
	UG-2864ASYIG01	

Panel Size	Part Name	RA Report File
2.8	UG-5664ALBDF01	Change desiccant color-forUG-5664ASYDF01(2.8") 500Hrs.pdf
2.89	UC-2004ASGAG01	Change desiccant color-for UC-2004ASWAG01(2.89").pdf
	UC-2004ASGAS10	
	UC-2004ASWAS10	
	UC-2004ASYAG01	
2.93	UC-2004ASYAS10	Change desiccant color-for UC-2002ASWAG01(2.93").pdf
	UC-2002ALBAG01	
	UC-2002ASGAG01	
	UC-2002ASWAG01	
3.12	UC-2002ASYAG01	Change desiccant color-for UG-5664ASYEF01(3.12") 500Hrs.pdf
	UG-5664ALBEF01	
	UG-5664ASWEF01	
3.67	UG-5664ASYEF01	Change desiccant color-for UC-1602ASWEG01(3.67").pdf
	UC-1602ASGEG01	
5.5	UG-5664ASGGF01	Change desiccant color-for UG-5664ASGGF01(5.5").pdf
	UG-5664ASYGF01	

Wisechip Semiconductor Inc.

Sales Department

Tel:+886-37-587168

FAX:+886-37-586575

www.wisechip.com.tw



WiseChip Semiconductor Inc.
www.wisechip.com.tw
ISO-9001 Certified

Report No : R105195

Reliability Test Report

可靠度測試報告

Report Date: May 6, 2016

報告日期：2016/5/6

Kitty Shen

Approval

Jim Li

Test Engineer

8, Kebei RD., 2, Hsin-Chu Science Park, Chu-Nan, Taiwan, R.O.C. Tel:886-37-587168 Fax:886-37-586566



1. Test Purpose : New desiccant verification(White color)

測試目的 : 新乾燥劑驗證 (白色)

2. Judgment condition : Product Specification

判定條件 : 產品規格書

3. Conclusion : No abnormal after product verification

結論 經驗證後無異常

* Function (功能) :

HTS : Pass

HTO : Pass

LTS : Pass

LTO : Pass

HTHO : Pass

TS : Pass

4. Test Information :

測試訊息

Product No. : UC-1602ASWEG01 (3.67"系列參考型號)

產品型號 :

Application No. :

A105195

Start

From : 2016/4/26

申請號碼. :

開始時間 :

Applicant :

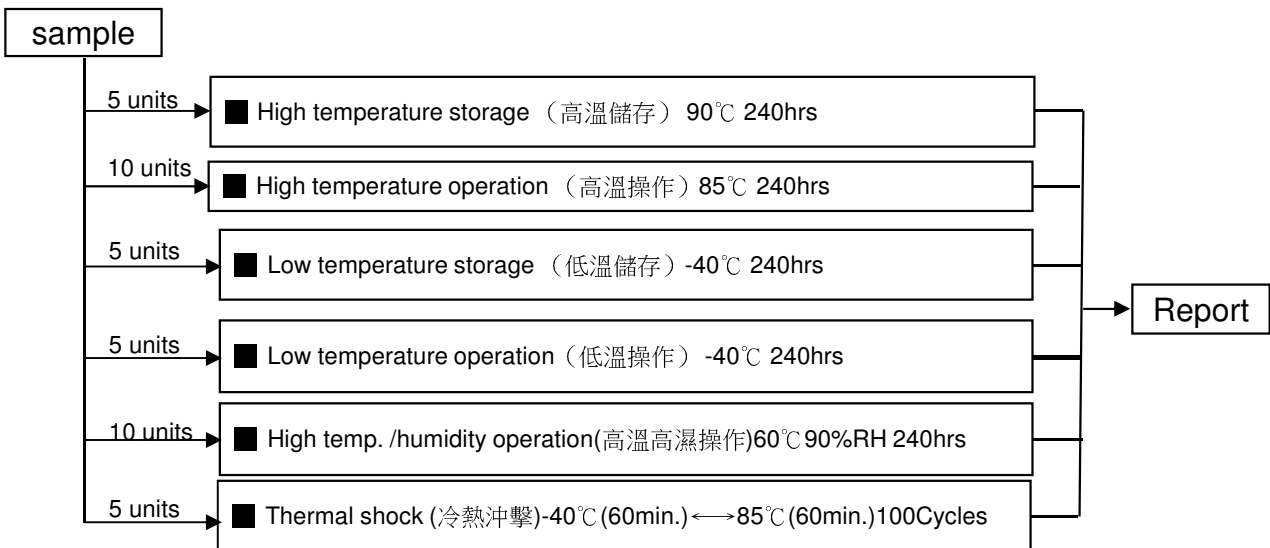
Tiffany Hsu

End On :

2016/5/6

申請人 :

結束時間 :



5. Test Equipment : Temperature and Humidity Chamber ESPEC SH-641

測試設備

Thermal Shock Chamber KSON TSK-A5C-150

Chroma Meter MINOLTA CS-100



6. Test Results :

測試結果：

Test Item (測試項目)	Duration (測試時間)	Defect (不良)	Remarks (備注)
■ High temperature storage(高溫儲存)(90°C)	240h	0/5	Pass
■ High temperature operation (高溫操作)(85°C)	240h	0/10	Pass
■ Low temperature storage(低溫儲存)(-40°C)	240h	0/5	Pass
■ Low temperature operation(低溫操作) (-40°C)	240h	0/5	Pass
■ High temp. /humidity operation(高溫高濕操作)(60°C 90%)	240h	0/10	Pass
■ Thermal shock(冷熱沖擊)(-40°C ↔ 85°C / 60 min.)	100Cycles	0/5	Pass

● 0/5、0/10 = No abnormal (無異常)

7. Defect Photo :

不良圖片：

N/A



WiseChip Semiconductor Inc.
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Report No : R105194

Reliability Test Report

可靠度測試報告

Report Date: May 6, 2016

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Kitty Shen

Approval

Jim Li

Test Engineer

8, Kebei RD., 2, Hsin-Chu Science Park, Chu-Nan, Taiwan, R.O.C. Tel:886-37-587168 Fax:886-37-586566



1. Test Purpose : New desiccant verification(White color)

測試目的 : 新乾燥劑驗證 (白色)

2. Judgment condition : Product Specification

判定條件 : 產品規格書

3. Conclusion : No abnormal after product verification

結論 經驗證後無異常

* Function (功能) :

HTS : Pass

HTO : Pass

LTS : Pass

LTO : Pass

HTHO : Pass

TS : Pass

4. Test Information :

測試訊息

Product No. : UC-2002ASWAG01 (2.93"系列參考型號)

產品型號 :

Application No. :

A105194

Start

From : 2016/4/26

申請號碼. :

開始時間 :

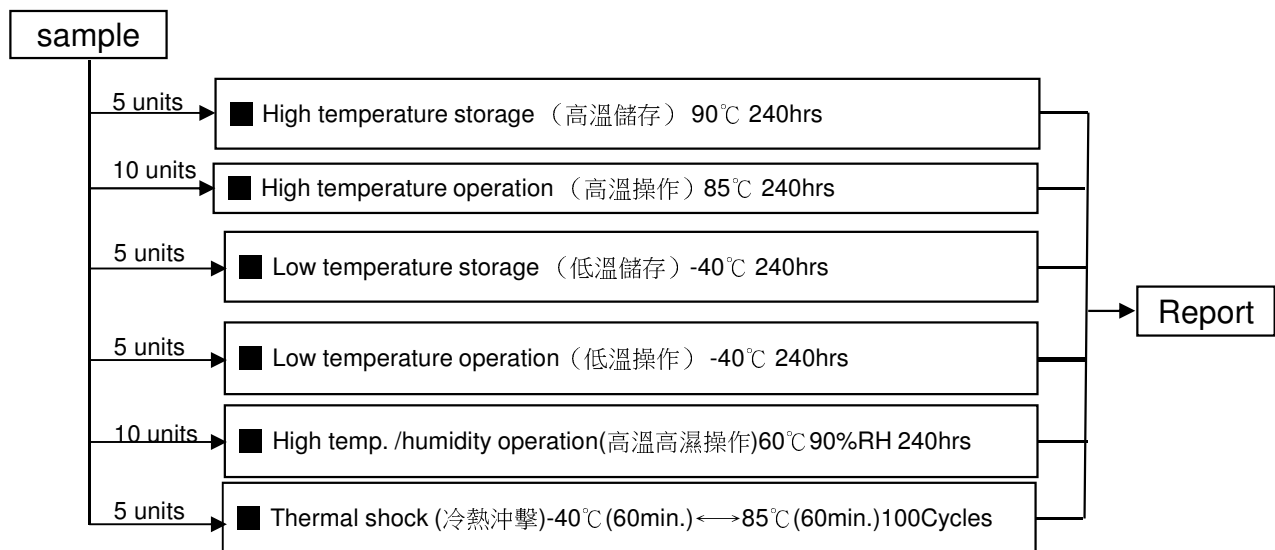
Applicant :

Tiffany Hsu

End On : 2016/5/6

申請人 :

結束時間 :



5. Test Equipment : Temperature and Humidity Chamber ESPEC SH-641

測試設備

Thermal Shock Chamber KSON TSK-A5C-150

Chroma Meter MINOLTA CS-100



6. Test Results :

測試結果：

Test Item (測試項目)	Duration (測試時間)	Defect (不良)	Remarks (備注)
■ High temperature storage(高溫儲存)(90°C)	240h	0/5	Pass
■ High temperature operation (高溫操作)(85°C)	240h	0/10	Pass
■ Low temperature storage(低溫儲存)(-40°C)	240h	0/5	Pass
■ Low temperature operation(低溫操作) (-40°C)	240h	0/5	Pass
■ High temp. /humidity operation(高溫高濕操作)(60°C 90%)	240h	0/10	Pass
■ Thermal shock(冷熱沖擊)(-40°C ↔ 85°C / 60 min.)	100Cycles	0/5	Pass

● 0/5、0/10 = No abnormal (無異常)

7. Defect Photo :

不良圖片：

N/A



WiseChip Semiconductor Inc.

www.wisechip.com.tw

ISO-9001 Certified

Report No : R105205

Reliability Test Report

可靠度測試報告

Report Date: May 6, 2016

報告日期：2016/5/6

Kitty Shen

Approval

Jim Li

Test Engineer

8, Kebei RD., 2, Hsin-Chu Science Park, Chu-Nan, Taiwan, R.O.C. Tel:886-37-587168 Fax:886-37-586566



1. Test Purpose : New desiccant verification(White color)

測試目的 : 新乾燥劑驗證 (白色)

2. Judgment condition : Product Specification

判定條件 : 產品規格書

3. Conclusion : No abnormal after product verification

結論 經驗證後無異常

* Function (功能) :

HTS : Pass

HTO : Pass

LTS : Pass

LTO : Pass

HTHO : Pass

TS : Pass

4. Test Information :

測試訊息

Product No. : UG-5664ASYDF01(2.8"系列參考型號)

產品型號 :

Application No. :

A105205

Start

From : 2016/4/14

申請號碼. :

開始時間 :

Applicant :

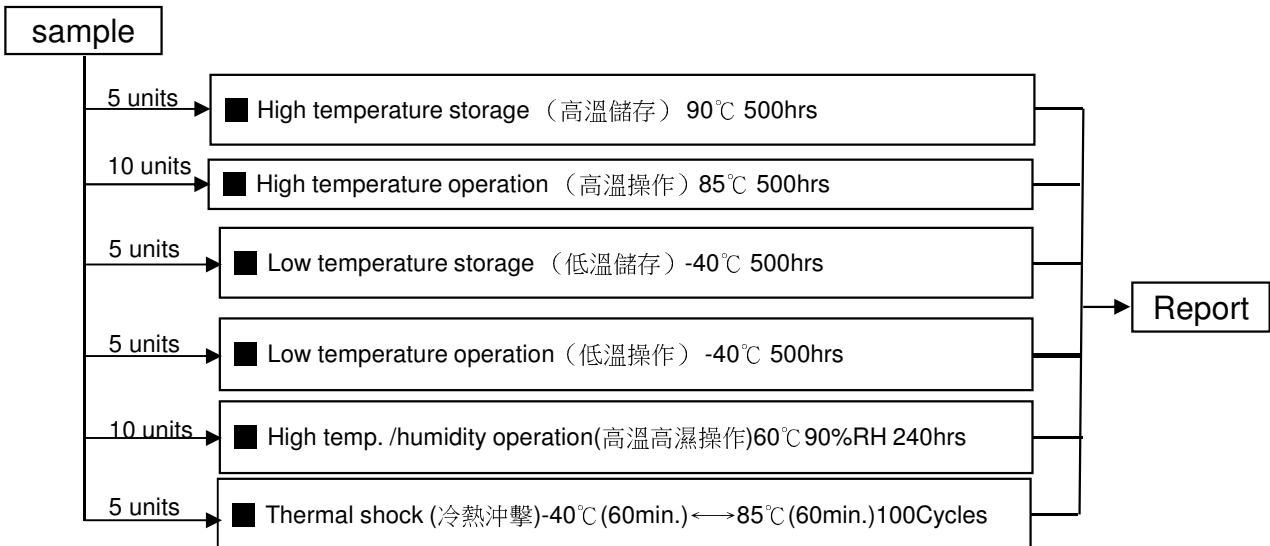
Tiffany Hsu

End On :

2016/5/6

申請人 :

結束時間 :



5. Test Equipment : Temperature and Humidity Chamber ESPEC SH-641

測試設備

Thermal Shock Chamber KSON TSK-A5C-150

Chroma Meter MINOLTA CS-100



6. Test Results :

測試結果：

Test Item (測試項目)	Duration (測試時間)	Defect (不良)	Remarks (備注)
■ High temperature storage(高溫儲存)(90°C)	500h	0/5	Pass
■ High temperature operation (高溫操作)(85°C)	500h	0/10	Pass
■ Low temperature storage(低溫儲存)(-40°C)	500h	0/5	Pass
■ Low temperature operation(低溫操作) (-40°C)	500h	0/5	Pass
■ High temp. /humidity operation(高溫高濕操作)(60°C 90%)	240h	0/10	Pass
■ Thermal shock(冷熱沖擊)(-40°C ↔ 85°C / 60 min.)	100Cycles	0/5	Pass

● 0/5、0/10 = No abnormal (無異常)

7. Defect Photo :

不良圖片：

N/A



WiseChip Semiconductor Inc.
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Report No : R105197

Reliability Test Report

可靠度測試報告

Report Date: May 6, 2016

報告日期：2016/5/6

Kitty Shen

Approval

Jim Li

Test Engineer

8, Kebei RD., 2, Hsin-Chu Science Park, Chu-Nan, Taiwan, R.O.C. Tel:886-37-587168 Fax:886-37-586566



1. Test Purpose : New desiccant verification(White color)

測試目的 : 新乾燥劑驗證 (白色)

2. Judgment condition : Product Specification

判定條件 : 產品規格書

3. Conclusion : No abnormal after product verification

結論 經驗證後無異常

* Function (功能) :

HTS : Pass

HTO : Pass

LTS : Pass

LTO : Pass

HTHO : Pass

TS : Pass

4. Test Information :

測試訊息

Product No. : UG-5664ASGGF01(5.5"系列參考型號)

產品型號 :

Application No. :

A105197

Start

From : 2016/4/26

申請號碼. :

開始時間 :

Applicant :

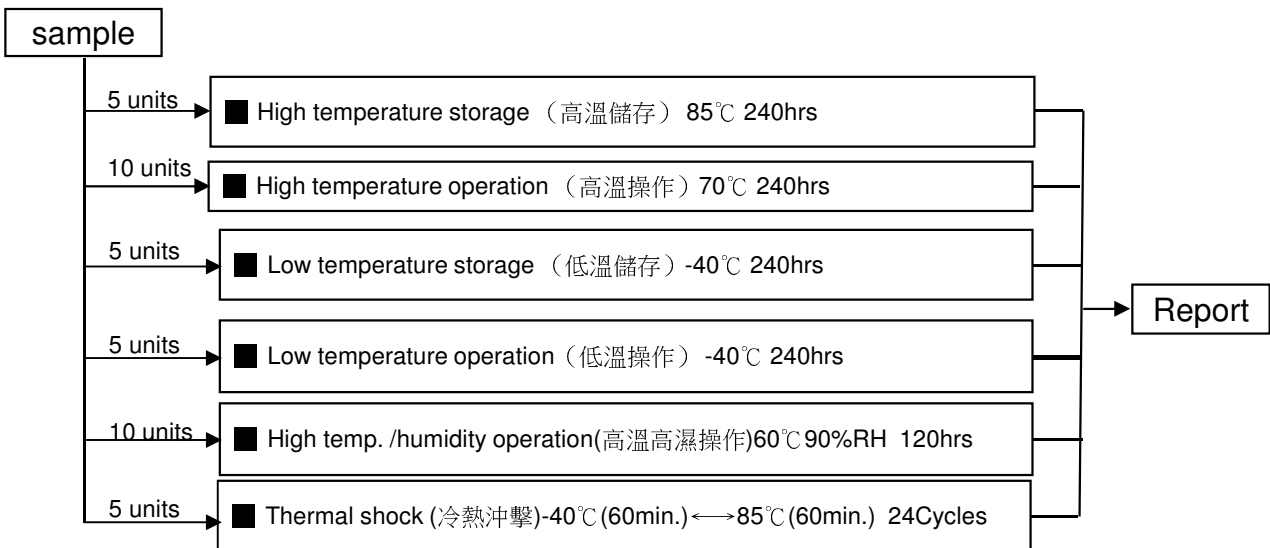
Tiffany Hsu

End On :

2016/5/6

申請人 :

結束時間 :



5. Test Equipment : Temperature and Humidity Chamber ESPEC SH-641

測試設備

Thermal Shock Chamber KSON TSK-A5C-150

Chroma Meter MINOLTA CS-100



6. Test Results :

測試結果：

Test Item (測試項目)	Duration (測試時間)	Defect (不良)	Remarks (備注)
■ High temperature storage(高溫儲存)(85°C)	240h	0/5	Pass
■ High temperature operation (高溫操作)(70°C)	240h	0/10	Pass
■ Low temperature storage(低溫儲存)(-40°C)	240h	0/5	Pass
■ Low temperature operation(低溫操作) (-40°C)	240h	0/5	Pass
■ High temp. /humidity operation(高溫高濕操作)(60°C 90%)	120h	0/10	Pass
■ Thermal shock(冷熱沖擊)(-40°C ↔ 85°C / 60 min.)	24Cycles	0/5	Pass

● 0/5、0/10 = No abnormal (無異常)

7. Defect Photo :

不良圖片：

N/A



WiseChip Semiconductor Inc.
www.wisechip.com.tw
ISO-9001 Certified

Report No : R105200

Reliability Test Report

可靠度測試報告

Report Date: May 6, 2016

報告日期：2016/5/6

Kitty Shen

Approval

Jim Li

Test Engineer

8, Kebei RD., 2, Hsin-Chu Science Park, Chu-Nan, Taiwan, R.O.C. Tel:886-37-587168 Fax:886-37-586566



1. Test Purpose : New desiccant verification(White color)

測試目的 : 新乾燥劑驗證 (白色)

2. Judgment condition : Product Specification

判定條件 : 產品規格書

3. Conclusion : No abnormal after product verification

結論 經驗證後無異常

* Function (功能) :

HTS : Pass

HTO : Pass

LTS : Pass

LTO : Pass

HTHO : Pass

TS : Pass

4. Test Information :

測試訊息

Product No. : UG-5664ASYEF01 (3.12"系列參考型號)

產品型號 :

Application No. :

A105200

Start

From : 2016/4/14

申請號碼. :

開始時間 :

Applicant :

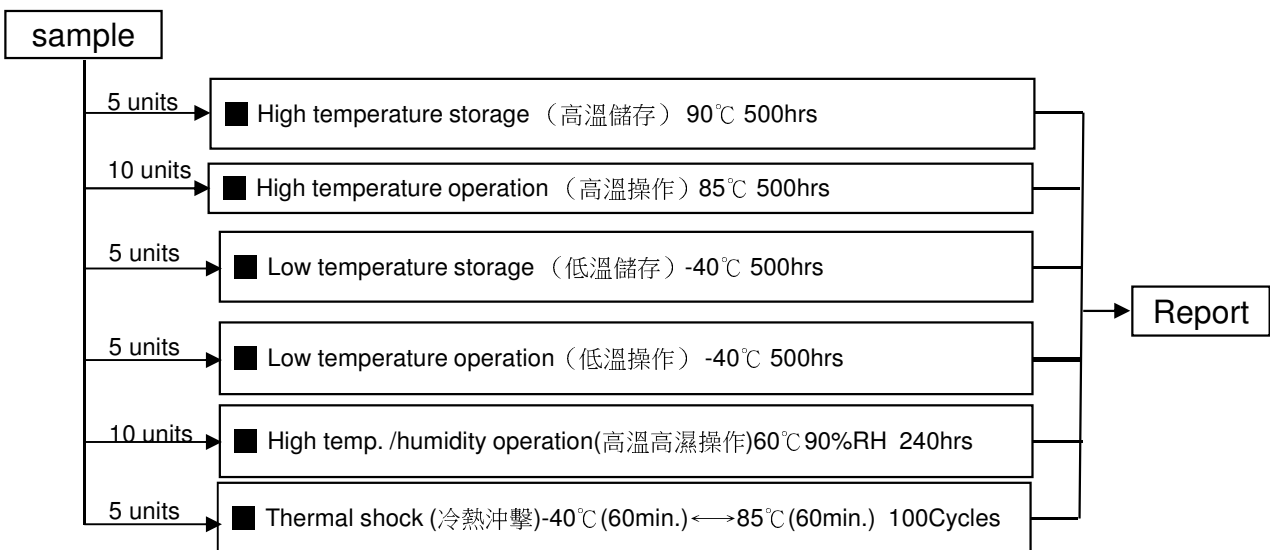
Tiffany Hsu

End On :

2016/5/6

申請人 :

結束時間 :



5. Test Equipment : Temperature and Humidity Chamber ESPEC SH-641

測試設備

Thermal Shock Chamber KSON TSK-A5C-150

Chroma Meter MINOLTA CS-100



6. Test Results :

測試結果：

Test Item (測試項目)	Duration (測試時間)	Defect (不良)	Remarks (備注)
■ High temperature storage(高溫儲存)(90°C)	500h	0/5	Pass
■ High temperature operation (高溫操作)(85°C)	500h	0/10	Pass
■ Low temperature storage(低溫儲存)(-40°C)	500h	0/5	Pass
■ Low temperature operation(低溫操作) (-40°C)	500h	0/5	Pass
■ High temp. /humidity operation(高溫高濕操作)(60°C 90%)	240h	0/10	Pass
■ Thermal shock(冷熱沖擊)(-40°C ↔ 85°C / 60 min.)	100Cycles	0/5	Pass

● 0/5、0/10 = No abnormal (無異常)

7. Defect Photo :

不良圖片：

N/A



WiseChip Semiconductor Inc.
www.wisechip.com.tw
ISO-9001 Certified

Report No : R105193

Reliability Test Report

可靠度測試報告

Report Date: May 6, 2016
報告日期：2016/5/6

Kitty Shen

Approval

Jim Li

Test Engineer

8, Kebei RD., 2, Hsin-Chu Science Park, Chu-Nan, Taiwan, R.O.C. Tel:886-37-587168 Fax:886-37-586566



1. Test Purpose : New desiccant verification(White color)

測試目的 : 新乾燥劑驗證 (白色)

2. Judgment condition : Product Specification

判定條件 : 產品規格書

3. Conclusion : No abnormal after product verification

結論 經驗證後無異常

* Function (功能) :

HTS : Pass

HTO : Pass

LTS : Pass

LTO : Pass

HTHO : Pass

TS : Pass

4. Test Information :

測試訊息

Product No. : UC-2004ASWAG01 (2.89"系列參考型號)

產品型號 :

Application No. :

A105193

Start

From : 2016/4/26

申請號碼. :

開始時間 :

Applicant :

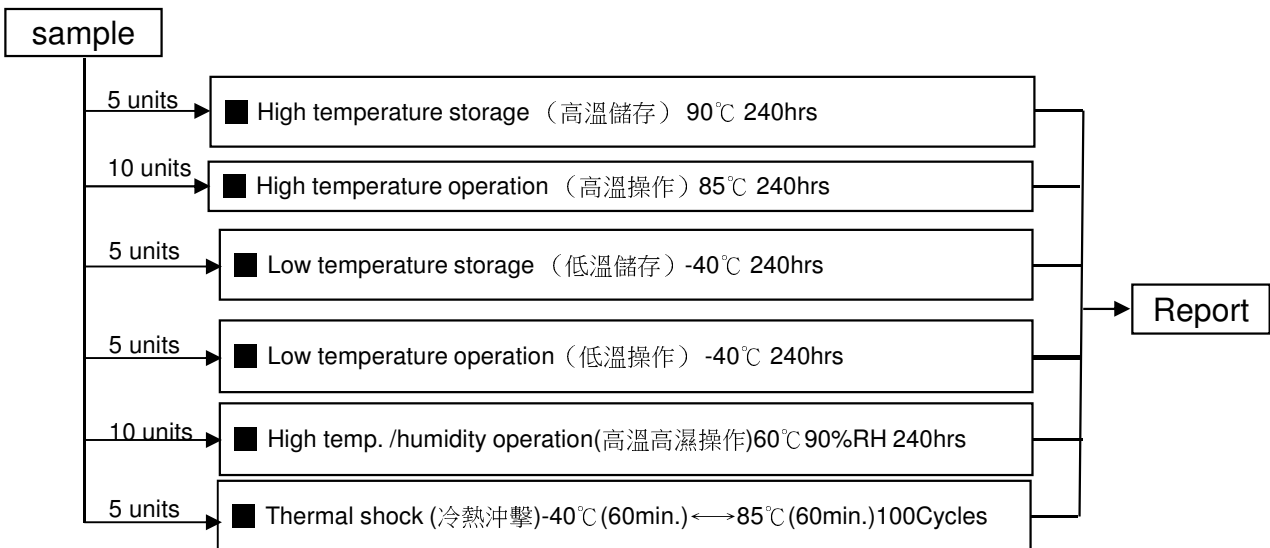
Tiffany Hsu

End On :

2016/5/6

申請人 :

結束時間 :



5. Test Equipment : Temperature and Humidity Chamber ESPEC SH-641

測試設備

Thermal Shock Chamber KSON TSK-A5C-150

Chroma Meter MINOLTA CS-100



6. Test Results :

測試結果：

Test Item (測試項目)	Duration (測試時間)	Defect (不良)	Remarks (備注)
■ High temperature storage(高溫儲存)(90°C)	240h	0/5	Pass
■ High temperature operation (高溫操作)(85°C)	240h	0/10	Pass
■ Low temperature storage(低溫儲存)(-40°C)	240h	0/5	Pass
■ Low temperature operation(低溫操作) (-40°C)	240h	0/5	Pass
■ High temp. /humidity operation(高溫高濕操作)(60°C 90%)	240h	0/10	Pass
■ Thermal shock(冷熱沖擊)(-40°C ↔ 85°C / 60 min.)	100Cycles	0/5	Pass

● 0/5、0/10 = No abnormal (無異常)

7. Defect Photo :

不良圖片：

N/A



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Report No : R105192

Reliability Test Report

可靠度測試報告

Report Date: May 6, 2016

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1. Test Purpose : New desiccant verification(White color)

測試目的 : 新乾燥劑驗證 (白色)

2. Judgment condition : Product Specification

判定條件 : 產品規格書

3. Conclusion : No abnormal after product verification

結論 經驗證後無異常

* Function (功能) :

HTS : Pass

HTO : Pass

LTS : Pass

LTO : Pass

HTHO : Pass

TS : Pass

4. Test Information :

測試訊息

Product No. : UG-2864ASYDT01 (2.7"系列參考型號)

產品型號 :

Application No. :

A105192

Start

From : 2016/4/14

申請號碼. :

開始時間 :

Applicant :

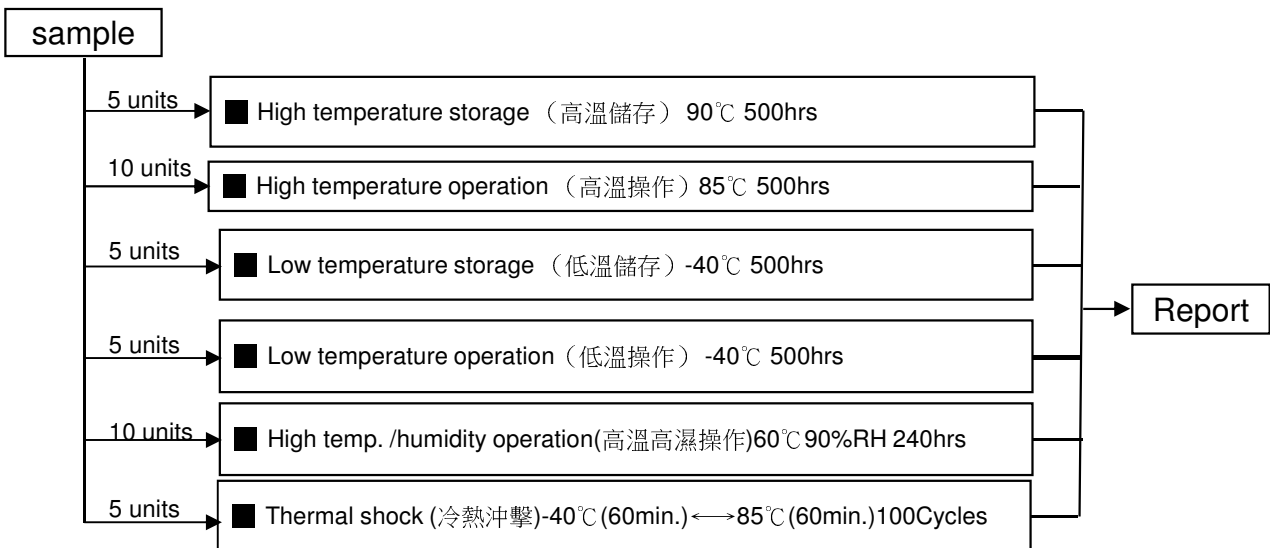
Tiffany Hsu

End On :

2016/5/6

申請人 :

結束時間 :



5. Test Equipment : Temperature and Humidity Chamber ESPEC SH-641

測試設備

Thermal Shock Chamber KSON TSK-A5C-150

Chroma Meter MINOLTA CS-100



6. Test Results :

測試結果：

Test Item (測試項目)	Duration (測試時間)	Defect (不良)	Remarks (備注)
■ High temperature storage(高溫儲存)(90°C)	500h	0/5	Pass
■ High temperature operation (高溫操作)(85°C)	500h	0/10	Pass
■ Low temperature storage(低溫儲存)(-40°C)	500h	0/5	Pass
■ Low temperature operation(低溫操作) (-40°C)	500h	0/5	Pass
■ High temp. /humidity operation(高溫高濕操作)(60°C 90%)	240h	0/10	Pass
■ Thermal shock(冷熱沖擊)(-40°C ↔ 85°C / 60 min.)	100Cycles	0/5	Pass

● 0/5、0/10 = No abnormal (無異常)

7. Defect Photo :

不良圖片：

N/A