

Light is OSRAM

03.08.2020

OS-IN-2020-024

Improvement of Wirebond-Process for LRTB R98G

Objective	Improvement of Wirebond-Process for LRTB R98G
Products affected	LRTB R98G
Application	<ul style="list-style-type: none">• Indoor Video Walls• Full color display
Background	<ul style="list-style-type: none">• Wire bond process improvement• Product quality and reliability improvement
Time Schedule	Start of delivery CW45'2020
Assessment	<ul style="list-style-type: none">• No change in datasheet of affected products• No change in fit, form, function of the product

Please direct your inquiry to your local Sales office.

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**Improvement of Wirebond-Process for
LRTB R98G**

Customer information package

OS QM CQM ICI | 03.08.2020

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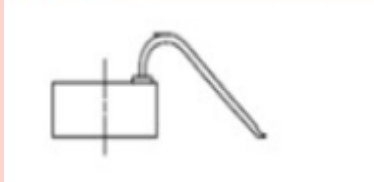
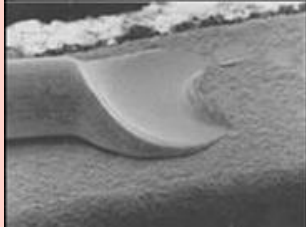
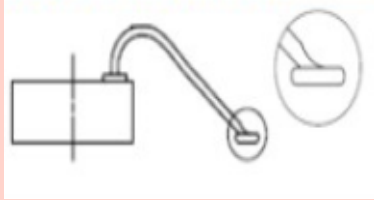
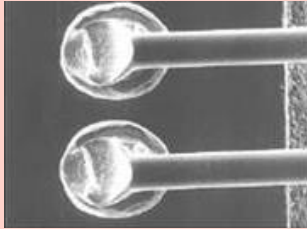
1. Reason for change

- Wire bond process improvement
- Product quality and reliability improvement

2. Description for change

- Wire bonding method change from single bonding to BSOB (bond stitch on ball)
- Wire diameter change from 30 μ m to 25 μ m
- No change in datasheet of affected products
- No change in fit, form, function of the product

Description of change

	Current status	New status
Wire Bonding method	<p>Single forward bonding</p>  	<p>BSOB (bond stitch on ball)</p>  
Wire diameter	30µm	25µm

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3. Affected Products

Brand	Multi CHIPLD
Product name	LRTB R98G

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Qualification result:

Test device: LRTB R98G

Preconditioning acc. to JEDEC Level 2

Test Performed	Conditions	Duration	Sample Size	Result
Resistance To Soldering Heat (RTSH)	Reflow soldering 260°C	3x	3x30	PASS
Temperature Cycle (TC)	-40°C/+85°C 15min each extreme	1000c	3x30	PASS

4. Time schedule

Sample	Date: 03.08.2020 *) *) available on request
Final Qual report	Date: 03.08.2020
Production release	Date: 15.08.2020
Start of delivery	DC: 45'20

QUALITY
FIRST

Thank you.