

# Customer Notification of Product/Process Changes

Page: 1/2

\*PCN No.: PCN-0177

\*Subject: Planar wafer IR improvement

\*Issued Date: July/26/2019

\*Effective date: Nov/01/2019

\*Affected category: SMD B3200B product

\*Affected Family: see attached file

<b>Change Item</b>	<input type="checkbox"/> Material <input type="checkbox"/> Design <input type="checkbox"/> Process <input checked="" type="checkbox"/> Others
<b>Impact Item</b>	1. Product P/N : <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 3. Label : <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 2. Marking : <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 4. Other items : <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Other Related Item</b>	NA
<b>Change Purpose</b>	IR improvement
<b>Description of Change</b>	Wafer passivation optimization
<b>Related Report</b>	<input checked="" type="checkbox"/> Electrical Test Report (as the attachment) <input type="checkbox"/> SGS / MCD_MDS Report <input type="checkbox"/> ESD Report (as the attachment) <input type="checkbox"/> Mechanical Test Report <input checked="" type="checkbox"/> Others(ex. Impacted part list) (as the attachment)
<b>Sample availability</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Customer Approval</b>	<input type="checkbox"/> Approve <input type="checkbox"/> Disapprove
<b>Customer Requirement (ex. Last Buy requirement)</b>	

(Note):

1. If you need sample(s) or any question, please contact with our Salesperson within 30 day
2. LSC will follow WW industry standard spec (JESD46D) criteria define as below.
  - A. Customers should acknowledge receipt of the PCN within 30 day period constitutes
  - B. Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change.
  - C. After acknowledgement, lack of additional response within the 90 day period constitutes acceptance of the change.
  - D. If customer requires additional time to perform samples testing, beyond the 90 day review period an extension must be negotiate  
Quality Assurance

**Attachments:**

1. Part list of wafer passivation optimization
2. Wafer passivation optimization structure
3. IR (Reliability) distribution comparison
4. IR (Normal testing)distribution comparison
5. Reliability test summary