



SkyHigh Memory PCN Handbook



SkyHigh Memory Limited, Suite 4401-02, 44/f One Island East 18 Westlands RD Taikoo place, Hong Kong

Product and Process Changes

SHM's Product and Process change policy is in compliance with JESD46 standard. SMH notifies customers of changes that affect the form, fit or function of a product. These changes include but are not limited to the following:

Design and Datasheet Changes:

- Mask change resulting in revision to the current datasheet.
- Mask change to fix datasheet errata.
- Mask change resulting in change of functionality even if no change to datasheet
- Change in Programming Algorithm.
- Change in Silicon ID resulting in revision in programmer firmware.
- Any electrical parameter changes in the data sheet

Wafer Fabrication Changes:

- New Wafer Fabrication Site
- New Fabrication Technology
- Major flow changes to fabrication assembly, or test process
- Change in wafer diameter, thickness, structure or composition
- Change in Contact or Via Material

Assembly Changes:

- New assembly Site
- New package type
- Change in Lead finish or Ball composition
- Change in Leadframe or Substrate Materials
- Change in Package Dimensions
- Change in Moisture Level Classification

Finish and Packaging Changes:

- Change in Carrier Tubes, Trays or Reel Materials
- Change in Part Marking Material, Methods or Dimensions
- Change in Packing, Shipping or Labeling, Method or Materials

Product/Process Change Notification Content

SHM's PCN collateral contains the following information:

- PCN Tracking Number
- PCN Release Date
- Detail Description of Change
- Affected Part Numbers and Sample Order Part Numbers
- Qualification Data
- Sample Availability Date
- Implementation Date
- Anticipated Impact
- Identification Method
- Contact Information
- Supporting Documents (as applicable)
 - Package Outline Diagrams
 - Errata
 - Application Notes
 - Datasheets

Product/Process Change Implementation

SHM requests that customers acknowledge receipt of PCNs, and submit any sample or additional information requests within 30 days of the notification. Lack of acknowledgement will constitute acceptance of the change.

After acknowledgement, lack of additional response within 90 days will constitute acceptance of the change.

Category	Implementation	Industry reference
Site Change (Same MPN)	90 days from the date of notification if no change to the PCN or Bill of Materials	JESD-46
Product Change	(a) 90 days from the date of notification (b) When existing inventory is depleted (cases of transition, e.g., assembly transfer, mold compound change) (c) upon customer approval of PCN or approval verified by signed PSW	JESD-46

Product Discontinuance

SHM's Product discontinuance policy is in compliance with JESD48 standard.

Product Discontinuance Notice Period:

Category	Order Entry Closed date	Shipping Closed date
All Silicon Parts	6 Months from date of notice	12 Months from date of notice
Developments Kits and Evaluation Boards	3 Months from date of notice	6 Months from date of notice

Replacement Parts are offered, if applicable

- Drop-in Replacement: product that is pin-to-pin and function/feature compatible with the obsolete product. That is, there are no changes required in Customer process or design to use replacement product.
- Next best alternative: part that may have certain functions/features that are identical to the obsolete product. Next best alternative may be offered in different package or with certain different features. Customer may need to change board design or need to make changes in process to use next best alternative.

SHM PCN Access

All SHM PCNs are available on SHM website at www.skyhighmemory.com/pcn. Registration is required for first time.

Request for automated alert from Cypress PCN system to be sent to Cypress PCN Administrator at quality@skyhighmemory.com.

For any question or additional information regarding SHM PCN, contact SHM PCN Administrator at quality@skyhighmemory.com.