

PRODUCT / PROCESS CHANGE NOTIFICATION

PCN-000665

Date: Dec-14-2020

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<input type="checkbox"/>	Semtech Corporation, 200 Flynn Road, Camarillo CA 93012
<input checked="" type="checkbox"/>	Semtech Canada Corporation, 4281 Harvester Road, Burlington, Ontario L7L 5M4 Canada
<input type="checkbox"/>	Semtech Irvine, 5141 California Ave., Suite 100, Irvine CA 92617
<input type="checkbox"/>	Semtech Neuchatel Sarl, Route des Gouttes d'Or 40, CH-2000 Neuchatel Switzerland
<input type="checkbox"/>	Semtech Bristol - EMEA Limited, Block B, St James Court, Great Park Road, Bristol BS32 4QJ, UK
<input type="checkbox"/>	Semtech Corpus Christi SA de CV, Carretera Matamorros Edificio 7, Reynosa, Tamaulipas, Mexico 88780
<input type="checkbox"/>	Semtech Plano, 1101 Resource Drive, Suite 121, Plano TX 75074
<input type="checkbox"/>	

Change Details

Part Number(s) Affected:

GN1068-COT1	HN5185AR-GRP6R
GN1068-GRP6	NT20067-GRP6
GN24L80-GRP6	NT20R67-DTF8S
GN25L53-GRP6	NT20R67-GRP6
GN25L54-GRP6R	NT22010-GRP6
GN25L54-GRP6R-P	NT23L50-GRP6
GN25L54-GRP6RT	NT24L50-DTF8S
GN25L54-GRP6RTP	NT24L50-GRP6
GN7055B-GRP6R	NT25L51-GRP6
GN7069A3-GRP6R	NT25L55-GRP6R
GN7069E3-GRP6R	NT25L55-GRP6RS
HN5180-GRP6R	NT25L59-GRP6
HN5180-GRP6RT	NT28L52-GRP6R

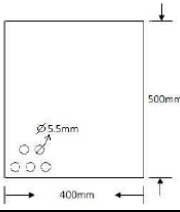
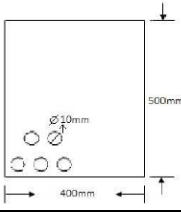
Customer Part Number(s) Affected: N/A

Description, Purpose and Effect of Change:

Semtech's supplier will switch from using anti-static bags with 5.5 mm diameter bubble to 10 mm diameter bubble anti-static bag. This is due to worn out mold, that can't be repaired.

Because new bags are thicker, the change would impact shipping box capacity.

The change will take when supply of bags is exhausted, estimated by Dec 21 2020.

	5.5mm bubble diameter (current)		10mm bubble diameter (new)	
				
Box	Small	Big	Small	Big
Capacity	12pcs wafers	28pcs wafers	10pcs wafers	24pcs wafers



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Change Classification	<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	Impact to Form, Fit, Function	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Impact to Data Sheet	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	New Revision or Date	<input checked="" type="checkbox"/> N/A
Impact to Performance, Characteristics or Reliability: There is no impact to performance, characteristics, or reliability of the products.			
Implementation Date	21 st Dec 2020	Work Week	WW52
Last Time Ship (LTS) Of unchanged product	While qty lasts	Affecting Lot No. / Serial No. (SN)	N/A
Sample Availability	Yes	Qualification Report Availability	Yes

Supporting Documents for Change Validation/Attachments:

Material

- ICP & MSDS: no change
- Surface resistance: No change
- Bag size: No change on length and width, but the new bag is thicker
- Drop test: Pass ISTA 2A

Item	inch	Size(mm)	ESD	Color	Compare	Bubble size(mm)	front	back
P09.04031.00	6 inch	310*300	10 ⁴ Ω _{sq} N < 10 ¹¹ Ω	pink	before	5.5		
					after	10		
P09.04040.01	8 inch	400*500	10 ⁴ Ω _{sq} N < 10 ¹¹ Ω	pink	before	5.5		
					after	10		




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Issuing Authority	
Semtech Business Unit:	Signal Integrity Products
Semtech Contact Info:	Dusanka Hewlett QMS Manager, Quality Assurance Semtech Canada Corporation dhewlett@semtech.com
	
FOR FURTHER INFORMATION & WORLDWIDE SALES COVERAGE: http://www.semtech.com/contact/index.html#support	