



PRODUCT / PROCESS CHANGE NOTIFICATION

PCN-000819

Date: APR-08-2022

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Semtech Corporation, 200 Flynn Road, Camarillo CA 93012			
Change Details			
Part Number(s) Affected:		Customer Part Number(s) Affected: <input checked="" type="checkbox"/> N/A	
1	GN3257-3EB9AT5E3	6	GN3357-3ED9AU2E3
2	GN3257-3EB9AU2E3	7	GN3358-3EF8AU2E3
3	GN3357-3EB9AQ9E3	8	GN3368-3EC8AT6E3
4	GN3357-3EB9AS6E3	9	GN3368-3EC8AU8E3
5	GN3357-3EB9AU2E3		
Description, Purpose and Effect of Change: <p>Due to the planned shutdown of the current supplier's manufacturing plant, Semtech will begin using barrels from a new supplier.</p> <p>Current supplier: Nomura Automatic Lathe (Shanghai) Co., Ltd. New supplier: Shenzhen Wave Communication Co., Ltd.</p> <p>The new supplier's barrels have been qualified and are being used in production for other Semtech ROSA products. Shenzhen Wave Communication is a qualified 2nd source of barrel for Semtech. The barrel is one of ROSA's BOM materials.</p>			
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: <p>The change mentioned above has no impact on performance, characteristics, or reliability.</p>			
Implementation Date	JUN-30-2022	Work Week	27
Last Time Ship (LTS) Of unchanged product	N/A	Affecting Lot No. / Serial No. (SN)	N/A
Sample Availability	Available Upon Request	Qualification Report Availability	Available Upon Request
Supporting Documents for Change Validation/Attachments: <p>N/A</p>			
Issuing Authority			



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Semtech Business Unit:	Signal Integrity Product Group (SIP)	
Semtech Contact Info:	Pedro Jr. Bernas pbernas@semtech.com (289) 856-9326 x1162	
FOR FURTHER INFORMATION & WORLDWIDE SALES COVERAGE: http://www.semtech.com/contact/index.html#support		

- **Affected barrel part numbers: 50-M059 & 50-M065**
- **Comparison of drawing between current supplier and new supplier**
 - Barrel material (SUS316F) from new supplier has higher corrosion resistance and heat resistance than the barrel material (SUS303) from old supplier.
 - Length of sleeve:
 - Current supplier: L4.0 of 50-M059; L4.5 of 50-M065
 - New supplier: L4.9 of 50-M059; L4.48 of 50-M065 (Performance guaranteed by pull force specification.)
 - No significant difference on other dimensions and mechanical/optical requirements.
- **Reliability Reports - available upon request**
 - Qualification of the new BOM components for the affected products is by bridging to qualification of GN3361 and GN3362.
 - Barrel with part number 50-M065 has been qualified with GN3361 ROSA in 2020.
 - Barrel with part number 50-M059 has been qualified with GN3362 ROSA in 2021.

No.	F/G Part Number	Barrel Part Number
1	GN3257-3EB9AT5E3	50-M065
2	GN3257-3EB9AU2E3	50-M065
3	GN3357-3EB9AQ9E3	50-M065
4	GN3357-3EB9AS6E3	50-M065
5	GN3357-3EB9AU2E3	50-M065
6	GN3357-3ED9AU2E3	50-M065
7	GN3358-3EF8AU2E3	50-M065
8	GN3368-3EC8AT6E3	50-M065
9	GN3368-3EC8AU8E3	50-M059