



PRODUCT / PROCESS CHANGE NOTIFICATION

PCN-000825

Date: JUN-03-2022

P1/2

Semtech Corporation, 200 Flynn Road, Camarillo CA 93012

Change Details

Part Number(s) Affected:

GN3357-3EB9AQ9E3

Customer Part Number(s) Affected: N/A

Description, Purpose and Effect of Change:

Semtech's supplier of ROSA's flex cable F10028 is changing the coverlay film material:

Coverlay film material	New	Old
Part number	FHK0525	CNV025XMK1
Manufacturer	TAIFLEX Scientific Co. Ltd	Grace Electron Corp



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:

The change mentioned above have no impact on performance, characteristics, or reliability. There is no impact to form, fit, or function.

Qualification of FHK0525 coverlay for F10028 is bridged to qualification of similar flex cables F10034 and F10012, used in production since 2014.

Implementation Date	JUL-03-2022	Work Week	28
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:

Please see the following pages.

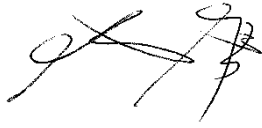


PRODUCT / PROCESS CHANGE NOTIFICATION

PCN-000825

Date: JUN-03-2022

P2/2

Issuing Authority	
Semtech Business Unit:	Signal Integrity Product Group (SIP)
Semtech Contact Info:	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> Pedro Jr. Bernas pbernas@semtech.com (289) 856-9326 x1162 </div> <div style="width: 35%; text-align: center;">  </div> </div>
FOR FURTHER INFORMATION & WORLDWIDE SALES COVERAGE: http://www.semtech.com/contact/index.html#support	

- **Comparison between new and old cover lay materials:**

Items	New coverlay material	Old coverlay material
Supplier	TAIFLEX Scientific Co. Ltd	Grace Electron Corp
Part Number	FHK0525	CNV025XMK1
PI film thickness	12.5um	12.5um
Adhesive thickness	25um	25um
Halogen free	Yes	Yes
Solder float resistance	300°C/10sec	300°C/10sec
Peel strength	≥0.5kgf/cm	≥0.6kgf/cm

- **Data sheets of new and old cover lay materials** – available upon request
- **Drawing of F10028 flex** – available upon request
- **Qualification Reports** - available upon request