

Title of Change:	ASEM SPS56 New Clip Design Qualification
Proposed First Ship date:	30 Oct 2023 or earlier if approved by customer
Contact Information:	Contact your local onsemi Sales Office or Polen.Pitpit@onsemi.com
PCN Samples Contact:	Contact your local onsemi Sales Office. Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.
Type of Notification:	This is an Initial Product/Process Change Notification (IPCN) sent to customers. An IPCN is an advance notification about an upcoming change and contains general information regarding the change details and devices affected. It also contains the preliminary reliability qualification plan. The completed qualification and characterization data will be included in the Final Product/Process Change Notification (FPCN). This IPCN notification will be followed by a Final Product/Process Change Notification (FPCN) at least 90 days prior to implementation of the change. In case of questions, contact < PCN.Support@onsemi.com >
Marking of Parts/ Traceability of Change:	Changed material may be identified by date code
Change Category:	Assembly Change
Change Sub-Category(s):	New Clip Design

Sites Affected:

onsemi Sites

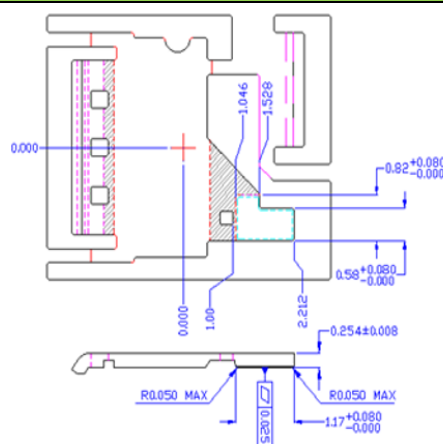
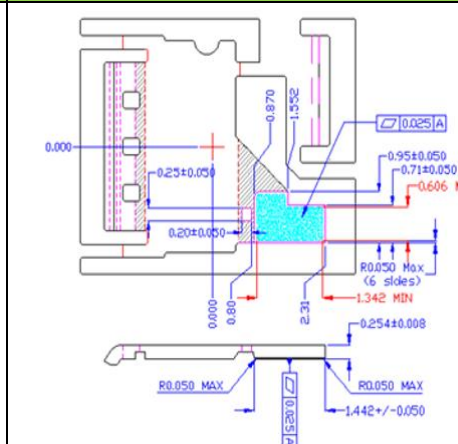
None

External Foundry/Subcon Sites

ASEM, Malaysia

Description and Purpose:

New clip design for SPS packages assembled in ASE Malaysia. Reposition/resize thru hole to improve HS source pad contact area.

	From	To
Clip Design		

There are no product material changes as a result of this change.

There is no product marking change as a result of this change.



Initial Product/Process Change Notification

Document #: IPCN25298X

Issue Date: 19 May 2023

Qualification Plan:

QV DEVICE NAME: FDMF3005

RMS: 90173

PACKAGE: F832 | PQFN39 CU 3DIE HPBF

COMPLETION DATE: 30TH JUNE 2023

Test	Specification	Condition	Interval
Temperature Cycling	JESD22-A104	Ta= -65°C to +150°C	500 cyc

Estimated date for Qualification Completion: 9/30/2023

List of Affected Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [PCN Customized Portal](#).

Part Number	Qualification Vehicle
NCP303160MNTWG	FDMF3005
NCP303152MNTWG	FDMF3005