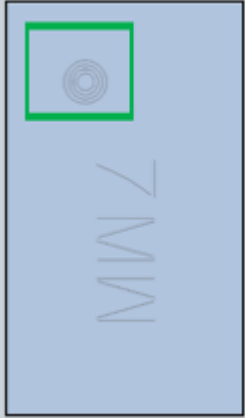
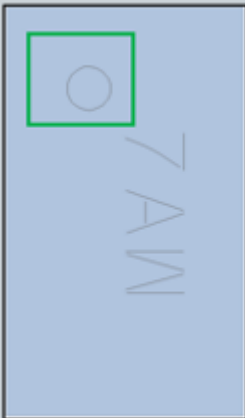


Title of Change:	Change of backside coating layer material and marking format (pin 1 appearance) for parts with backside coating
Proposed First Ship date:	19 Jul 2022 or earlier if approved by customer
Contact Information:	Contact your local onsemi Sales Office or Marek.Haluska@onsemi.com
PCN Samples 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.
Additional Reliability Data:	Contact your local onsemi Sales Office or Vladislav.Hrachovec@onsemi.com
Type of Notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. onsemi will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com
Marking of Parts/ Traceability of Change:	Affected products will be traceable by date code
Change Category:	Assembly Change
Change Sub-Category(s):	Manufacturing Process Change

Sites Affected:	
onsemi Sites	External Foundry/Subcon Sites
None	JCAP, China

Description and Purpose:

Due to quality improvement process, backside coating layer material and marking format (pin 1 appearance) for parts with backside coating will be changed:

	Current	Proposal
Backside coating layer material	LC2850 25	LC86R25
Marking format of pin 1		



Final Product/Process Change Notification

Document #:FPCN24594X

Issue Date:13 Apr 2022

Reliability Data Summary:

QV device name: NCP136AFRCR040T2G

RMS: S75477

Package: WLCSP-6, Case outline: 567YU

Test	Specification	Condition	Interval	Results
TC	JESD22-A104	Ta= -40°C to +125°C	850 cyc	0/80
PC	J-STD-020 JESD-A113	MSL 1 @ 260°C	3x reflow	0/80
ED	onsemi Data Sheet	Test @ Cold & Room & Hot	Cpk ≥ 1.67	0/30

QV device name: NCP137AFCTC110T2G

RMS: S75647

Package: WLCSP-6, Case outline: 567MV

Test	Specification	Condition	Interval	Results
TC	JESD22-A104	Ta= -40°C to +125°C	850 cyc	0/80
PC	J-STD-020 JESD-A113	MSL 1 @ 260°C	3x reflow	0/80
ED	onsemi Data Sheet	Test @ Cold & Room & Hot	Cpk ≥ 1.67	0/30

Electrical Characteristics Summary:

Electrical characteristics are not impacted.

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
NCP136AFRCR080T2G	NCP136AFRCR040T2G
NCP136AFRCR040T2G	NCP136AFRCR040T2G
NCP137AFCTCADJT2G	NCP137AFCTC110T2G
NCP139AFCTC110T2G	NCP137AFCTC110T2G
NCP139AFCTC05ADJT2G	NCP137AFCTC110T2G
NCP137AFCTC110T2G	NCP137AFCTC110T2G

Appendix A: Changed Products**PCN#: FPCN24594X**
Issue Date: Apr 13, 2022

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NCP136AFCRC040T2G		NCP136AFCRC040T2G		
NCP139AFCTC05ADJT2G		NCP137AFCTC110T2G		
NCP137AFCTC110T2G		NCP137AFCTC110T2G		
NCP139AFCTC110T2G		NCP137AFCTC110T2G		