



Title of Change:	NCP1256 temperature range spec change
Proposed First Ship date:	30 Nov 2020 or earlier if approved by customer
Contact Information:	Contact your local ON Semiconductor Sales Office or Jiri.Konarik@onsemi.com
PCN Samples Contact:	Contact your local ON Semiconductor Sales Office or < PCN.samples@onsemi.com >. 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 ON Semiconductor Sales Office
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. ON Semiconductor 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 identified with date code WW48 2020
Change Category:	Test Change
Change Sub-Category(s):	Datasheet/Product Doc change

Sites Affected:**ON Semiconductor Sites**

ON Semiconductor Seremban, Malaysia

External Foundry/Subcon Sites

HANA Semiconductor, Thailand

Description and Purpose:

Temperature range for OPPgm parameter will be updated from -40°C ~ 125°C to 25°C ~ 125°C. Relaxed min OPPgm to 101 μS for whole temperature range.

Parameter	Symbol	Min	Typ	Max	Unit
Internal OTA for OPP current generation from BO (-40°C ~ 125°C)	OPPgm	101	115	125	μS
Internal OTA for OPP current generation from BO (25°C ~ 125°C)		103			

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

Reliability Data Summary:

Reliability data summary not applicable as the only apply to the final test limit relaxation.

Electrical Characteristics Summary:

Device specification changes can be found in section "Description and purpose"

**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
NCP1256ASN100T1G	NA
NCP1256ASN65T1G	NA
NCP1256BSN100T1G	NA
NCP1256BSN65T1G	NA
NCP1256ESN65T1G	NA



Appendix A: Changed Products

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Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NCP1256BSN65T1G		NA	NA	