



Title of Change:	Correction on FAN6300 Temp guarantee range
Effective date:	06 Jun 2021
Contact information:	Contact your local ON Semiconductor Sales Office or Lydia.Pak@onsemi.com
Type of notification:	This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.
Change Category:	Datasheet
Change Sub-Category(s):	Datasheet/Product Doc change

Sites Affected:

ON Semiconductor Sites	External Foundry/Subcon Sites
None	None

Description and Purpose:

ON Semiconductor would like to notify customers of the following datasheet clarifications/updates associated with the datasheets for the devices listed on this Product Bulletin. There is no change in form, fit or function for the products. And there is no change in the actual testing of the product associated with these clarifications. All changes are noted and then highlighted in yellow below.

Change 1 : Operating Temperature Range

Symbol	Before		After		Unit
	Min	Max	Min	Max	
Operation Temperature Range	-40	125	-40	105	°C

Change 2 :

Symbol	Parameter	Before			After			Unit
		Min	Typ	Max	Min	Typ	Max	
T _{OTP}	Internal Threshold Temperature for OTP ⁽³⁾	-	140	-	-	125	-	°C
T _{OTP-HYS}	Hysteresis Temperature for Internal OTP ⁽³⁾	-	15	-	-	5	-	°C

Note3. Guaranteed by design

List of Affected Standard 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**.

FAN6300AMY	FAN6300HMY
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Appendix A: Changed Products

PCN#: PB24031X
Issue Date: Jun 06, 2021

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FAN6300AMY		NA		
FAN6300HMY		NA		