



Title of Change:	SuperFet3 Vth test condition update				
Effective date:	30 July 2019				
Contact information:	Contact your local ON Semiconductor Sales Office or Yuna.Im@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:	<input type="checkbox"/> Wafer Fab <input type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input checked="" type="checkbox"/> Other <u>Datasheet</u>				
Change Sub-Category(s):	<input type="checkbox"/> Manufacturing Site Addition <input type="checkbox"/> Material Change <input checked="" type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Site Transfer <input type="checkbox"/> Product specific change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Other: _____				
Sites Affected:	ON Semiconductor Sites: None		External Foundry/Subcon Sites: None		
Description and Purpose:					
SuperFET3 Vth test condition update to improve manufacturability for customer support.					
OPN	From Vth@Id(mA)	To Vth@Id(mA)	OPN	From Vth@Id(mA)	To Vth@Id(mA)
FCD600N65S3R0	0.6	0.12	FCH125N65S3R0-F155	2.4	0.59
FCP600N65S3R0	0.6	0.12	FCP125N65S3	2.4	0.59
FCPF600N65S3ROL	0.6	0.12	FCP125N65S3R0	2.4	0.59
FCU600N65S3R0	0.6	0.12	FCPF125N65S3	2.4	0.54
FCD360N65S3R0	1	0.2	FCH099N65S3-F155	3	0.74
FCP360N65S3R0	1	0.2	FCMT099N65S3	3	0.7
FCPF360N65S3ROL	1	0.2	FCP099N65S3	3	0.74
FCU360N65S3R0	1	0.2	FCPF099N65S3	3	0.71
FCB260N65S3	1.2	0.29	NTHL110N65S3F	3	0.74
FCD260N65S3	1.2	0.29	NTB082N65S3F	4	1
FCMT250N65S3	1.2	0.29	NTHL082N65S3F	4	1
FCP260N65S3	1.2	0.29	NTP082N65S3F	4	1
FCPF250N65S3L1	1.2	0.29	NTPF082N65S3F	4	0.97
FCPF250N65S3ROL	1.2	0.29	FCB070N65S3	4.4	1
FCB199N65S3	1.4	0.36	FCH067N65S3-F155	4.4	1
FCPF190N65S3L1	1.4	0.36	FCP067N65S3	4.4	1
FCP190N65S3	1.7	0.39	FCPF067N65S3	4.4	0.99
FCP190N65S3R0	1.7	0.39	NTHL065N65S3F	4.6	1.3
FCPF190N65S3ROL	1.7	0.39	FCH040N65S3-F155	6.5	1.7
FCMT180N65S3	1.8	0.39	NTHL040N65S3F	6.5	2.1
FCH165N65S3R0-F155	1.9	0.44	FCH023N65S3-F155	7.5	3
FCP165N65S3	1.9	0.44	FCH023N65S3L4	7.5	3
FCP165N65S3R0	1.9	0.44	NTH027N65S3F-F155	7.5	3
FCPF165N65S3L1	1.9	0.41	PCFC023N65S3F	7.5	3
FCPF165N65S3ROL	1.9	0.41	PCFC023N65S3W	7.5	3

**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](#).

FCB070N65S3	FCP099N65S3	FCPF250N65S3L1
FCB199N65S3	FCP125N65S3	FCPF250N65S3R0L
FCB260N65S3	FCP125N65S3R0	FCPF360N65S3R0L
FCD260N65S3	FCP165N65S3	FCPF600N65S3R0L
FCD360N65S3R0	FCP165N65S3R0	FCU360N65S3R0
FCD600N65S3R0	FCP190N65S3	FCU600N65S3R0
FCH023N65S3-F155	FCP190N65S3R0	NTB082N65S3F
FCH023N65S3L4	FCP260N65S3	NTH027N65S3F-F155
FCH040N65S3-F155	FCP360N65S3R0	NTHL040N65S3F
FCH067N65S3-F155	FCP600N65S3R0	NTHL065N65S3F
FCH099N65S3-F155	FCPF067N65S3	NTHL082N65S3F
FCH125N65S3R0-F155	FCPF099N65S3	NTHL110N65S3F
FCH165N65S3R0-F155	FCPF125N65S3	NTP082N65S3F
FCMT099N65S3	FCPF165N65S3L1	NTPF082N65S3F
FCMT180N65S3	FCPF165N65S3R0L	PCFC023N65S3F
FCMT250N65S3	FCPF190N65S3L1	PCFC023N65S3W
FCP067N65S3	FCPF190N65S3R0L	



Appendix A: Changed Products

Product	Customer Part Number
FCB070N65S3	
FCB199N65S3	
FCB260N65S3	
FCD260N65S3	
FCD360N65S3R0	
FCD600N65S3R0	
FCH023N65S3-F155	
FCH023N65S3L4	
FCH040N65S3-F155	
FCH067N65S3-F155	
FCH099N65S3-F155	
FCH125N65S3R0-F155	
FCH165N65S3R0-F155	
FCMT099N65S3	
FCMT180N65S3	
FCMT250N65S3	
FCP067N65S3	
FCP099N65S3	
FCP125N65S3	
FCP125N65S3R0	
FCP165N65S3	
FCP165N65S3R0	
FCP190N65S3	
FCP190N65S3R0	
FCP260N65S3	
FCP360N65S3R0	
FCP600N65S3R0	
FCPF067N65S3	
FCPF099N65S3	
FCPF125N65S3	
FCPF165N65S3L1	
FCPF165N65S3R0L	
FCPF190N65S3L1	
FCPF190N65S3R0L	
FCPF250N65S3L1	
FCPF250N65S3R0L	
FCPF360N65S3R0L	
FCPF600N65S3R0L	
FCU360N65S3R0	
FCU600N65S3R0	
NTB082N65S3F	
NTH027N65S3F-F155	
NTHL040N65S3F	
NTHL065N65S3F	
NTHL082N65S3F	
NTHL110N65S3F	
NTP082N65S3F	
NTPF082N65S3F	