

Title of Change:	Datasheet Update for NTMFSC1D6N06C and NTMFSC2D6N08X.
Effective date:	12 Jul 2026
Contact information:	Contact your local onsemi Sales Office
Type of notification:	This Product Bulletin is for notification purposes only. onsemi 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:

onsemi Sites	External Foundry/Subcon Sites
None	None

Description and Purpose:

onsemi wishes to inform customers of its plan to update the datasheets of NTMFSC1D6N06C and NTMFSC2D6N08X.

Changes as enumerated below:

	Symbol	Datasheet Parameter	Conditions	From		To		Unit
				Min	Max	Min	Max	
NTMFSC1D6N06C	Ciss	Input Capacitance	VGS = 0 V, VDS = 30V, f = 1 MHz	-	-	2430	7290	pF
	Coss	Output Capacitance		-	-	-	4200	
	Crss	Reverse Transfer Capacitance		-	-	-	75	
	Qgtot	Total Gate Charge	VGS = 10 V, VDD = 30V, ID = 50A	-	-	-	98	nC
	Qgd	Gate-to-Drain Charge		-	-	-	20	
	Rg	Gate Resistance	f = 1 MHz	-	-	1	2.6	Ω
NTMFSC2D6N08X	Ciss	Input Capacitance	VGS = 0 V, VDS = 30V, f = 1 MHz	-	-	1600	4800	pF
	Coss	Output Capacitance		-	-	-	1400	
	Crss	Reverse Transfer Capacitance		-	-	-	26	
	Qgtot	Total Gate Charge	VGS = 10 V, VDD = 30V, ID = 50A	-	-	-	68	nC
	Qgd	Gate-to-Drain Charge		-	-	-	13	
	Rg	Gate Resistance	f = 1 MHz	-	-	0.4	1.2	Ω

No technical change of the product, only datasheet correction.

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](#).

NTMFSC2D6N08XTWG	NTMFSC1D6N06CTWG	
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PCN Product List Addendum for:

Customer Contact Name: Premier Farnell Dropbox

Customer Contact Email: productchangenotices@newark.com



Appendix A: Changed Products

PCN#: PB27456X
Issue Date: Jul 12, 2026

NWKC: PREMIER FARNELL

Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
NTMFSC1D6N06CTWG	4843817	NA		
NTMFSC2D6N08XTWG	4843819	NA		