

## Final Product/Process Change Notification Document #: FPCN22625X

Issue Date: 7 February 2019

Title of Change:		Singulated Clip to Reeled Clip Conversion for PQFN66 (DrMOS).							
Proposed first ship date:		27 May 2019							
Contact information:		Contact your local ON Semiconductor Sales Office or < <u>Sheila.Oyao@onsemi.com</u> >or < <u>Edgar.Ares@onsemi.com</u> >							
Samples:		Contact your local ON Semiconductor Sales Office or < <a href="mailto:PCN.samples@onsemi.com">PCN.samples@onsemi.com</a> 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.							
Additional Reliability Data:		Contact your local ON Semiconductor Sales Office or < <a href="mailto:KarenMae.Taping@onsemi.com">KarenMae.Taping@onsemi.com</a>							
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 < <a href="mailto:PCN.Support@onsemi.com">PCN.Support@onsemi.com</a> >							
Change Part Identification:		Date Code							
Change Category:		☐ Wafer Fab Change							
Change Sub-Category(s):  Manufacturing Site Ad  Manufacturing Site Tra  Manufacturing Process  Sites Affected:  Description and Purpose:		nsfer Product specific change		☐ Datasheet/Product Doc change ☐ Shipping/Packaging/Marking ☐ Other:  External Foundry/Subcon Sites: None					
			Before Change Description	,	After Change Description				
Other C		Changes	Singulated Clip Single Clip Attach		Reeled clip Multiple Clip Attach				
There is no product marking change as a result of this change.									
Reliability I	Data Summary:								
QV DEVICE NAME:         FDMF6823           RMS:         F49261           PACKAGE:         PQFN66									
	Test	Specification	n Condition		Interval	Results			
	HTSL	JESD22-A103	3 Ta= 150°C		1008 hrs	0/231			
	TC	JESD22-A104	4 Ta=-65°C to +150°C		500 cyc	0/231			
	uHAST	JESD22-A118		biased	96 hrs	0/231			
	PC	J-STD-020 JES A113	MSL 1 @ 260°C						

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Electrical Characteristic Summary:							
Electrical characteristics are not impacted.							
List of Affected Parts:							
<b>Note:</b> 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 <u>PCN Customized Portal</u> .							
Part Number	Qualification Vehicle						

Part Number	Qualification Vehicle	
FDMF6820A		
FDMF6821A		
FDMF6823	FDMF6823	
FDMF6823A		
FDMF6824A		
ZSPM9060ZA1R		

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## **Appendix A: Changed Products**

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Product	Customer Part Number	Qualification Vehicle
FDMF6820A		FDMF6823
FDMF6821A		FDMF6823
FDMF6823A		FDMF6823
FDMF6824A		FDMF6823