



Final Product/Process Change Notification

Document #:FPCN23631X

Issue Date:20 Oct 2021

Title of Change:	Update Driver IC on FDMF5820DC, FDMF5821DC, FDMF5822DC, FDMF5823DC, FDMF5824 and FDMF5826DC			
Proposed First Ship date:	26 Jan 2022 or earlier if approved by customer			
Contact Information:	Contact your local onsemi Sales Office or Ruel.Soriano@onsemi.com			
PCN Samples Contact:	Contact your local onsemi 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 onsemi Sales Office or Tara.McDonald@onsemi.com			
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. onsemi 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:	Cutoff datecode			
Change Category:	Wafer Fab Change			
Change Sub-Category(s):	Product specific change			
Sites Affected:				
onsemi Sites			External Foundry/Subcon Sites	
onsemi Maine, United States			None	
Description and Purpose:				
This Final Notification announces to customers that the driver IC revision of the following OPNs below will be updated from FDMF58XX_ZAB3086D to FDMF58XX_YAB3086D to improve ESD performance. There is no change to the function, package, product material and marking, assembly, test coverage/flow, or datasheet.				
Reliability Data Summary:				
QV DEVICE NAME: FDMF5833-F085				
RMS: Q20160719				
PACKAGE: PQFN-31 5x5				
Test	Specification	Condition	Interval	Results
HTOL	JESD22-A108	Ta= 105°C, 100 % max rated Vcc	1008 hrs	0/231
ESD	HBM ANSI/ESDA/JEDEC JS-001	3.5kV		0/9
	CDM JEDEC C101C	3.5kV		0/9



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Electrical Characteristics Summary:

Electrical characteristics are not impacted.

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
FDMF5824	FDMF5833-F085
FDMF5823DC	FDMF5833-F085
FDMF5822DC	FDMF5833-F085
FDMF5826DC	FDMF5833-F085
FDMF5821DC	FDMF5833-F085
FDMF5820DC	FDMF5833-F085

Appendix A: Changed Products

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Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
FDMF5823DC		FDMF5833-F085	NA	
FDMF5820DC		FDMF5833-F085	NA	
FDMF5821DC		FDMF5833-F085	NA	