



Title of Change:	FAN105AM6X design revision in Metal2 photo layers change to fix system abnormal behavior Vo drop issue			
Proposed first ship date:	31 March 2019 or earlier upon customer approval			
Contact information:	Contact your local ON Semiconductor Sales Office or <thomas.chen@onsemi.com>			
Samples:	Contact your local ON Semiconductor 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.)			
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office or <Marco.kang@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. 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 < PCN.Support@onsemi.com >			
Change Part Identification:	Affected products will be identified with date code.			
Change Category:	<input checked="" type="checkbox"/> Wafer Fab Change <input type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input type="checkbox"/> Other _____			
Change Sub-Category(s):	<input type="checkbox"/> Manufacturing Site Addition <input type="checkbox"/> Material Change <input 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 checked="" type="checkbox"/> Other: <u>Mask Change</u>			
Sites Affected:	ON Semiconductor Sites: ON S. Portland, Maine	External Foundry/Subcon Sites: None		
Description and Purpose: This design revision change involves layout changes in Metal2 photo layers. The layout change purpose is to fix system abnormal behavior Vo drop issue. The layout changes are also fully compatible with current backend assembly and test flows and there are no changes to these. There are no product material changes as a result of this change There is no product marking change as a result of this change				
Reliability Data Summary: QV: FAN105AM6X Package: SOT23-6				
Test	Specification	Condition	Interval	Results
ESD(HBM)	12MSB17722C AEC-Q100-002	HBM	3 x 1 Lot	0/3
ESD(CDM)	12MSB17722C AEC-Q100-011	CDM	3 x 1 Lot	0/3
LU	12MSB17722C AEC-Q100-004	Per both Positive and Negative	Indus : 3 x 1 Lot	0/3
Electrical Characteristic Summary: Electrical characteristics are not impacted				
List of Affected Parts:				
Part Number		Qualification Vehicle		
FAN105AM6X		FAN105AM6X		