



Title of Change:	FAD7191M1X(SO14) Assembly and FT transfer from HANA to Carmona	
Proposed Changed Material First Ship Date:	05 Nov 2021 or earlier if approved by customer	
Current Material Last Order Date:	NA <i>Orders received after the Current Material Last Order Date expiration are to be considered as orders for new changed material as described in this PCN. Orders for current (unchanged) material after this date will be per mutual agreement and current material inventory availability.</i>	
Current Material Last Delivery Date:	NA <i>The Current Material Last Delivery Date may be subject to change based on build and depletion of the current (unchanged) material inventory</i>	
Product Category:	Active components – Integrated circuits	
Contact information:	Contact your local ON Semiconductor Sales Office or Hyunkyung.Park@onsemi.com	
PCN Samples Contact:	Contact your local ON Semiconductor Sales Office to place sample order or <PCN.samples@onsemi.com> . Sample requests are to be submitted no later than 45 days after publication of this change notification. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.	
Sample Availability Date:	26 Oct 2020	
PPAP Availability Date:	26 Oct 2020	
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office or Rhica.Loredo@onsemi.com	
Type of Notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 12 months prior to implementation of the change or earlier upon customer approval. ON Semiconductor will consider this proposed change and it's conditions acceptable, unless an inquiry is made in writing within 45 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com .	
Change Category		
Category	Type of Change	
All	Any change with impact on agreed upon contractual agreements	
Process - Assembly	Change of mold compound, Die attach material	
Description and Purpose:		
	Before Change Description	After Change Description
LeadFrame Supplier	HDS	ASM
Die Attach	QMI519 5CC 19G CON	ABLESTIK ABP 8062T
Mold Compound	Sumitomo G700LTD	EME G700LS
Assembly Site	HANA Semiconductor, Thailand	ON Semiconductor Carmona, Philippines
FT Site	HANA Semiconductor, Thailand	ON Semiconductor Carmona, Philippines



	From	To		
Product marking change	Tracecode:H(WLYWW) Line2:FAD7191M1X	Line1: FAD7191 Line2: A(YWW)		
Reason / Motivation for Change:	Quality improvement			
Anticipated impact on fit, form, function, reliability, product safety or manufacturability:	The device has been qualified and validated based on the same Product Specification. The device has successfully passed the qualification tests. Potential impacts can be identified, but due to testing performed by ON Semiconductor in relation to the PCN, associated risks are verified and excluded. No anticipated impacts.			
Sites Affected:				
ON Semiconductor Sites		External Foundry/Subcon Sites		
ON Semiconductor Carmona, Philippines		HANA Semiconductor, Thailand		
Marking of Parts/ Traceability of Change:	The affected products will have a standard marking from OSPI as below. Line1: FAD7191 Line2: A(YWW)			
Reliability Data Summary:				
QV DEVICE NAME FAD7191M1X RMS 070434 PACKAGE SO14				
Test	Specification	Condition	Interval	Results
HTSL	JESD22-A103	Ta= 150°C	1008 hrs	0/231
TC	JESD22-A104	Ta= -65°C to +150°C	1000cyc	0/231
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/231
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C		
RSH	JESD22- B106	Ta = 260C, 10 sec		0/30
SD	JSTD002	Ta = 245C, 5 sec		0/ 45
NOTE: AEC-1pager is attached.				
<i>To view attachments:</i>				
1. Download pdf copy of the PCN to your computer				
2. Open the downloaded pdf copy of the PCN				
3. Click on the paper clip icon available on the menu provided in the left/bottom portion of the screen to reveal the Attachment field				
4. Then click on the attached file/				
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**.

Current Part Number	New Part Number	Qualification Vehicle
FAD7191M1X	NA	FAD7191M1X