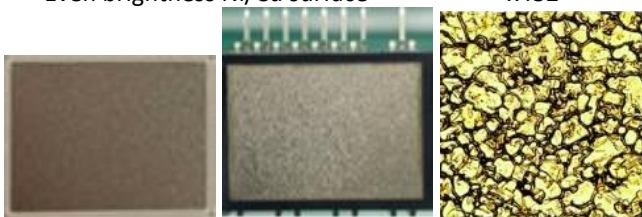


Title of Change:	Information of different brightness surface of Ni/Cu in DBC due to different shape of copper grain in raw copper material of DBC		
Effective date:	04 Jan 2022		
Contact information:	Contact your local onsemi Sales Office or Noriaki.Sakamoto@onsemi.com		
Type of notification:	This Product Bulletin is for notification purposes only. onsemi will proceed with implementation of this change upon publication of this Product Bulletin.		
Change Category:	Assembly Change, Package form (cosmetic) difference point		
Change Sub-Category(s):	To be sure brightness difference of Ni/Cu surface in DBC is good product		
Sites Affected:			
onsemi Sites		External Foundry/Subcon Sites	
onsemi Vietnam		None	
Description and Purpose:			
The purpose of this PB is to advise customers of a cosmetic difference in brightness that could be observed due to different copper grain shape of the raw copper material of DBC. This brightness difference is within surface roughness spec and there is no quality impact. This is a cosmetic difference only.			
Two different brightness surfaces are following.			
Even brightness Ni/Cu surface  Uneven brightness Ni/Cu surface 			
Reliability Data Summary:			
Reliability is no impacted.			
Electrical Characteristics Summary:			
Electrical characteristics are not impacted.			
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 <u>PCN Customized Portal</u> .			
NFAQ0560R43T	NFAQ1560R43TL	NFAQ1560R43T	
NFAQ0860L36T	NFAQ0860L33T	NFAQ1060L36T	
NFAQ1060L33T			