



Title of Change:	Clarification on Cu wire with Palladium doped used on SOD123 Cu wire devices at ON Semiconductor Leshan site.		
Effective date:	21 November 2017		
Contact information:	Contact your local ON Semiconductor Sales Office or < Jim.Peng@onsemi.com >		
Type of notification:	This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.		
Change category:	☐ Wafer Fab Change ☐ Assembly Change ☐ Test Change ☒ Other <u>clarification on wire info</u>		
Change Sub-Category(s): ☐ Manufacturing Site Change/Addition ☐ Material Change ☐ Datasheet/Product Doc change ☐ Manufacturing Process Change ☐ Product specific change ☐ Shipping/Packaging/Marking ☒ Other: <u>clarification on wire info</u>			
Sites Affected:	ON Semiconductor Sites: ON Leshan, China	External Foundry/Subcon Sites: None	
Description and Purpose: The product bulletin announces to customers that Cu wire used in SOD123 is Cu wire with Palladium (Pd) doped at ON Semiconductor Leshan, China. The qual lots used Cu wire with Pd doped on Cu wire Qual vehicle in previous FPCN20425Z. Reliability qualification and full electrical characterization over temperature had been performed to ensure device functionality and electrical specifications were met. All samples provided for customer evaluation used Cu wire with Pd doped for Cu wire products in FPCN20425Z impacted list. All Cu wire devices use Cu wire with Pd-doped after FPCN20425Z implementation.			
List of Affected Parts:			
SZMMSZ13T1G	SZMMSZ4683T1G	SZMMSZ4717T1G	SZMMSZ5251BT1G
SZMMSZ15ET1G	SZMMSZ4684T1G	SZMMSZ47T1G	SZMMSZ5251ET1G
SZMMSZ15T1G	SZMMSZ4685T1G	SZMMSZ4V3T1G	SZMMSZ5252BT1G
SZMMSZ16T1G	SZMMSZ4686T1G	SZMMSZ4V7T1G	SZMMSZ5252ET1G
SZMMSZ18ET1G	SZMMSZ4687T1G	SZMMSZ5221BT1G	SZMMSZ5252ET3G
SZMMSZ18T1G	SZMMSZ4688T1G	SZMMSZ5222BT1G	SZMMSZ5253BT1G
SZMMSZ20T1G	SZMMSZ4688T3G	SZMMSZ5223BT1G	SZMMSZ5253ET1G
SZMMSZ22T1G	SZMMSZ4689ET1G	SZMMSZ5225BT1G	SZMMSZ5254BT1G
SZMMSZ24T1G	SZMMSZ4689T1G	SZMMSZ5226BT1G	SZMMSZ5255BT1G
SZMMSZ24T3G	SZMMSZ4689T3G	SZMMSZ5227BT1G	SZMMSZ5256BT1G
SZMMSZ27ET1G	SZMMSZ4690ET1G	SZMMSZ5228BT1G	SZMMSZ5256ET1G
SZMMSZ27T1G	SZMMSZ4690ET3G	SZMMSZ5229BT1G	SZMMSZ5257BT1G
SZMMSZ27T3G	SZMMSZ4690T1G	SZMMSZ5230BT1G	SZMMSZ5257ET1G
SZMMSZ2V4T1G	SZMMSZ4690T3G	SZMMSZ5231BT1G	SZMMSZ5258BT1G
SZMMSZ2V7ET1G	SZMMSZ4691T1G	SZMMSZ5232BT1G	SZMMSZ5258BT3G
SZMMSZ2V7T1G	SZMMSZ4692T1G	SZMMSZ5232ET1G	SZMMSZ5258ET1G
SZMMSZ30T1G	SZMMSZ4693T1G	SZMMSZ5233BT1G	SZMMSZ5259BT1G



SZMMSZ33ET1G	SZMMSZ4693T3G	SZMMSZ5234BT1G	SZMMSZ5260BT1G
SZMMSZ33ET3G	SZMMSZ4694T1G	SZMMSZ5235BT1G	SZMMSZ5261BT1G
SZMMSZ33T1G	SZMMSZ4694T3G	SZMMSZ5235ET1G	SZMMSZ5261BT3G
SZMMSZ33T3G	SZMMSZ4696T1G	SZMMSZ5236BT1G	SZMMSZ5262BT1G
SZMMSZ36T1G	SZMMSZ4697T1G	SZMMSZ5237BT1G	SZMMSZ5263BT1G
SZMMSZ39T1G	SZMMSZ4699T1G	SZMMSZ5237ET1G	SZMMSZ5264BT1G
SZMMSZ3V0T1G	SZMMSZ4700T1G	SZMMSZ5238BT1G	SZMMSZ5265BT1G
SZMMSZ3V3T1G	SZMMSZ4701T1G	SZMMSZ5239BT1G	SZMMSZ5266BT1G
SZMMSZ3V6T1G	SZMMSZ4702T1G	SZMMSZ5240BT1G	SZMMSZ5267BT1G
SZMMSZ3V9T1G	SZMMSZ4703T1G	SZMMSZ5241BT1G	SZMMSZ5268BT1G
SZMMSZ43T1G	SZMMSZ4704T1G	SZMMSZ5242BT1G	SZMMSZ5270BT1G
SZMMSZ4678T1G	SZMMSZ4704T3G	SZMMSZ5242BT3G	SZMMSZ5272BT3G
SZMMSZ4679T1G	SZMMSZ4705T1G	SZMMSZ5244BT1G	SZMMSZ5300T1G
SZMMSZ4680ET1G	SZMMSZ4708T1G	SZMMSZ5245BT1G	SZMMSZ56T1G
SZMMSZ4680T1G	SZMMSZ4709T1G	SZMMSZ5245ET1G	SZMMSZ5V1T1G
SZMMSZ4681T1G	SZMMSZ4711T1G	SZMMSZ5246BT1G	SZMMSZ5V6T1G
SZMMSZ4682T1G	SZMMSZ4713T1G	SZMMSZ5246ET1G	SZMMSZ6V2T1G
SZMMSZ8V2ET1G	SZMMSZ4715T1G	SZMMSZ5247BT1G	NRVB0530T3G
NRVB0530T1G	SZMMSZ8V2T1G	SZMMSZ9V1T1G	SZMMSZ10T3G
NRVB0540T1G	SBAT54T1G	SMSZ1600-31T3G	SZMMSZ11T1G
NRVB0540T3G	SBR80520LT1G	SMSZ1600-35T3DSG	SZMMSZ12T1G
NRVB130T1G	SBR80520LT3G	SMSZ4688ST1G	SZMMSZ12T3G
NRVB130T3G	SMSD1002T1G	SZMMSZ10T1G	
SZMMSZ13ET1G	SZMMSZ7V5T1G	SZMMSZ5248ET1G	