



## Material Content Data Sheet



<b>Sales Product Name</b>		ESD5V5U5ULC E6327		<b>Issued</b>		25. January 2018			
<b>MA#</b>		MA001319608							
<b>Package</b>		PG-SC74-6-2		<b>Weight*</b>		12.20 mg			
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	noble metal	gold	7440-57-5	0.007	0.06		554		
	non noble metal	tin	7440-31-5	0.002	0.01		143		
	inorganic material	silicon	7440-21-3	0.050	0.41	0.48	4106	4803	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76		
	non noble metal	titanium	7440-32-6	0.005	0.04		381		
	non noble metal	chromium	7440-47-3	0.014	0.11		1142		
	non noble metal	copper	7440-50-8	4.627	37.91	38.07	379130	380729	
wire	noble metal	gold	7440-57-5	0.040	0.33	0.33	3317	3317	
encapsulation	organic material	carbon black	1333-86-4	0.056	0.46		4619		
	plastics	brominated resin	-	0.070	0.58		5774		
	inorganic material	antimonytrioxide	1309-64-4	0.141	1.15		11548		
	plastics	epoxy resin	-	1.494	12.24		122413		
	inorganic material	silicondioxide	60676-86-0	5.285	43.32	57.75	433065	577419	
leadfinish	non noble metal	tin	7440-31-5	0.299	2.45	2.45	24536	24536	
plating	noble metal	silver	7440-22-4	0.112	0.92	0.92	9196	9196	
*deviation	< 10%				Sum in total:		100.00		1000000

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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