



## Material Content Data Sheet



<b>Sales Product Name</b>		BAR 63-04 E6327		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA000511950						
<b>Package</b>		PG-SOT23-3-11		<b>Weight*</b>		8.80 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	0.006	0.07		681	
	non noble metal	arsenic	7440-38-2	0.000	0.00		7	
	inorganic material	silicon	7440-21-3	0.051	0.58	0.65	5812	6500
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		926	
	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		309	
	non noble metal	copper	7440-50-8	2.704	30.73	30.86	307272	308569
wire	noble metal	gold	7440-57-5	0.007	0.08	0.08	820	820
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6560	
	plastics	brominated resin	-	0.087	0.98		9839	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13119	
	plastics	epoxy resin	-	1.241	14.10		141032	
	inorganic material	silicondioxide	60676-86-0	4.272	48.55	65.60	485414	655964
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	17003	17003
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11144	11144
*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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