



## Material Content Data Sheet



<b>Sales Product Name</b>		BAR 64-04 E6327		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA000510872						
<b>Package</b>		PG-SOT23-3-11		<b>Weight*</b>		8.81 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	0.08		781	
	non noble metal	arsenic	7440-38-2	0.000	0.00		8	
	inorganic material	silicon	7440-21-3	0.059	0.67	0.75	6667	7456
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		925	
	inorganic material	silicon	7440-21-3	0.001	0.01		62	
	non noble metal	titanium	7440-32-6	0.003	0.03		308	
	non noble metal	copper	7440-50-8	2.704	30.71	30.84	307070	308365
wire	noble metal	gold	7440-57-5	0.011	0.12	0.12	1244	1244
encapsulation	organic material	carbon black	1333-86-4	0.058	0.65		6548	
	plastics	brominated resin	-	0.086	0.98		9822	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13096	
	plastics	epoxy resin	-	1.240	14.08		140783	
	inorganic material	silicondioxide	60676-86-0	4.267	48.46	65.48	484557	654806
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16992	16992
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11137	11137
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com