



## Material Content Data Sheet



<b>Sales Product Name</b>		BAT 64-05 E6327		<b>Issued</b>		27. September 2017		
<b>MA#</b>		MA000465726						
<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		680	
	non noble metal	arsenic	7440-38-2	0.000	0.00		7	
	inorganic material	silicon	7440-21-3	0.051	0.58	0.65	5810	6497
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		309	
	non noble metal	copper	7440-50-8	2.704	30.72	30.85	307163	308459
wire	noble metal	gold	7440-57-5	0.011	0.12	0.12	1213	1213
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6557	
	plastics	brominated resin	-	0.087	0.98		9835	
	inorganic material	antimonytrioxide	1309-64-4	0.115	1.31		13114	
	plastics	epoxy resin	-	1.241	14.10		140975	
	inorganic material	silicondioxide	60676-86-0	4.272	48.52	65.57	485213	655694
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	16997	16997
plating	noble metal	silver	7440-22-4	0.098	1.11	1.11	11140	11140
*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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