



## Material Content Data Sheet



<b>Sales Product Name</b>		BAT 17 E6327		<b>Issued</b>		25. September 2017		
<b>MA#</b>		MA000487428						
<b>Package</b>		PG-SOT23-3-11		<b>Weight*</b>		8.79 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	0.003	0.03		341	
	non noble metal	arsenic	7440-38-2	0.000	0.00		3	
	inorganic material	silicon	7440-21-3	0.026	0.29	0.32	2909	3253
leadframe	non noble metal	chromium	7440-47-3	0.008	0.09		927	
	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	30.76	30.89	307641	308939
wire	noble metal	gold	7440-57-5	0.005	0.05	0.05	515	515
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6591	
	plastics	brominated resin	-	0.087	0.99		9887	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.32		13182	
	plastics	epoxy resin	-	1.246	14.17		141709	
	inorganic material	silicondioxide	60676-86-0	4.287	48.78	65.92	487744	659113
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	17023	17023
plating	noble metal	silver	7440-22-4	0.098	1.12	1.12	11157	11157
*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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