



## Material Content Data Sheet



<b>Sales Product Name</b>		BAT 54 E6327		<b>Issued</b>		1. August 2018		
<b>MA#</b>		MA000677188						
<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	non noble metal	arsenic	7440-38-2	0.000	0.00		3	
	noble metal	gold	7440-57-5	0.003	0.03		341	
	inorganic material	silicon	7440-21-3	0.026	0.29	0.32	2909	3253
leadframe	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	chromium	7440-47-3	0.008	0.09		927	
	non noble metal	copper	7440-50-8	2.704	30.76	30.89	307584	308882
wire	noble metal	gold	7440-57-5	0.006	0.07	0.07	722	722
encapsulation	organic material	carbon black	1333-86-4	0.058	0.66		6590	
	plastics	brominated resin	-	0.087	0.99		9885	
	inorganic material	antimonytrioxide	1309-64-4	0.116	1.32		13179	
	plastics	epoxy resin	-	1.246	14.17		141678	
	inorganic material	silicondioxide	60676-86-0	4.287	48.76	65.90	487636	658968
leadfinish	non noble metal	tin	7440-31-5	0.150	1.70	1.70	17020	17020
plating	noble metal	silver	7440-22-4	0.098	1.12	1.12	11155	11155
*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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