



## Material Content Data Sheet



<b>Sales Product Name</b>		BCV 47 E6327		<b>Issued</b>		25. September 2017			
<b>MA#</b>		MA000046989							
<b>Package</b>		PG-SOT23-3-3		<b>Weight*</b>		8.70 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		19		
	noble metal	gold	7440-57-5	0.016	0.18		1843		
	inorganic material	silicon	7440-21-3	0.137	1.57	1.75	15742	17604	
leadframe	non noble metal	nickel	7440-02-0	1.142	13.13		131259		
	non noble metal	iron	7439-89-6	1.578	18.13	31.26	181263	312522	
wire	noble metal	gold	7440-57-5	0.019	0.22	0.22	2215	2215	
	encapsulation	organic material	carbon black	1333-86-4	0.089	1.02		10211	
		inorganic material	antimonytrioxide	1309-64-4	0.133	1.53		15316	
		plastics	brominated resin	-	0.167	1.91		19146	
		plastics	epoxy resin	-	1.389	15.95		159546	
		inorganic material	silicondioxide	60676-86-0	3.777	43.41	63.82	433961	638180
leadfinish	non noble metal	tin	7440-31-5	0.150	1.72	1.72	17193	17193	
plating	noble metal	silver	7440-22-4	0.107	1.23	1.23	12286	12286	
*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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