



## Material Content Data Sheet



<b>Sales Product Name</b>		BSO612CV G		<b>Issued</b>		25. January 2018		
<b>MA#</b>		MA001726844						
<b>Package</b>		PG-DSO-8-7		<b>Weight*</b>		81.35 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	2.490	3.06	3.06	30608	30608
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		114	
	non noble metal	zinc	7440-66-6	0.037	0.05		456	
	non noble metal	iron	7439-89-6	0.742	0.91		9117	
	non noble metal	copper	7440-50-8	30.114	37.02	37.99	370202	379889
wire	noble metal	gold	7440-57-5	0.443	0.54	0.54	5442	5442
encapsulation	organic material	carbon black	1333-86-4	0.226	0.28		2778	
	inorganic material	antimonytrioxide	1309-64-4	0.904	1.11		11110	
	plastics	brominated resin	-	0.904	1.11		11110	
	plastics	epoxy resin	-	5.197	6.39		63885	
	inorganic material	silicondioxide	60676-86-0	37.959	46.66	55.55	466641	555524
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	10005	10005
plating	noble metal	silver	7440-22-4	0.541	0.67	0.67	6656	6656
glue	plastics	epoxy resin	-	0.169	0.21		2078	
	noble metal	silver	7440-22-4	0.797	0.98	1.19	9798	11876
*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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