



Material Content Data Sheet



Sales Product Name		BSO613SPV G		Issued		25. January 2018		
MA#		MA001625792						
Package		PG-DSO-8-6		Weight*		81.03 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	2.472	3.05	3.05	30504	30504
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		114	
	non noble metal	zinc	7440-66-6	0.037	0.05		458	
	non noble metal	iron	7439-89-6	0.742	0.92		9153	
wire	non noble metal	copper	7440-50-8	30.114	37.17	38.15	371656	381381
	noble metal	gold	7440-57-5	0.222	0.27	0.27	2743	2743
	encapsulation	organic material	carbon black	1333-86-4	0.227	0.28		2799
encapsulation	inorganic material	antimonytrioxide	1309-64-4	0.907	1.12		11196	
	plastics	brominated resin	-	0.907	1.12		11196	
	plastics	epoxy resin	-	5.216	6.44		64378	
	inorganic material	silicondioxide	60676-86-0	38.102	47.02	55.98	470236	559805
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	10044	10044
plating	noble metal	silver	7440-22-4	0.541	0.67	0.67	6682	6682
glue	plastics	epoxy resin	-	0.125	0.15		1547	
	noble metal	silver	7440-22-4	0.591	0.73	0.88	7294	8841
*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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