



Material Content Data Sheet



Sales Product Name		BSO612CV G		Issued		27. September 2017		
MA#		MA000982368						
Package		PG-DSO-8-7		Weight*		81.44 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	2.690	3.30	3.30	33032	33032
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		114	
	non noble metal	zinc	7440-66-6	0.037	0.05		455	
	non noble metal	iron	7439-89-6	0.742	0.91		9107	
	non noble metal	copper	7440-50-8	30.114	36.98	37.95	369768	379444
wire	noble metal	gold	7440-57-5	0.443	0.54	0.54	5435	5435
encapsulation	organic material	carbon black	1333-86-4	0.225	0.28		2760	
	inorganic material	antimonytrioxide	1309-64-4	0.899	1.10		11040	
	plastics	brominated resin	-	0.899	1.10		11040	
	plastics	epoxy resin	-	5.170	6.35		63480	
	inorganic material	silicondioxide	60676-86-0	37.762	46.37	55.20	463680	552000
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	9993	9993
plating	noble metal	silver	7440-22-4	0.541	0.66	0.66	6648	6648
glue	plastics	epoxy resin	-	0.192	0.24		2353	
	noble metal	silver	7440-22-4	0.904	1.11	1.35	11095	13448
*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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