



Material Content Data Sheet



Sales Product Name				ICE3B0565JG		Issued		29. August 2013	
MA#				MA001055032					
Package				PG-DSO-12-10		Weight*		208.70 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	1.816	0.87	0.87	8701	8701	
leadframe	inorganic material	phosphorus	7723-14-0	0.028	0.01		132		
		non noble metal	zinc	7440-66-6	0.110	0.05		529	
		non noble metal	iron	7439-89-6	2.210	1.06		10589	
wire	non noble metal	copper	7440-50-8	89.731	43.00	44.12	429952	441202	
		noble metal	gold	7440-57-5	0.336	0.16	0.16	1610	1610
		organic material	carbon black	1333-86-4	0.227	0.11		1087	
encapsulation	plastics	epoxy resin	-	12.256	5.87		58725		
		inorganic material	silicondioxide	60676-86-0	100.998	48.40	54.38	483941	543753
		noble metal	silver	7440-22-4	0.003	0.00		14	
leadfinish	noble metal	gold	7440-57-5	0.005	0.00		25		
		non noble metal	nickel	7440-02-0	0.096	0.05		460	
		noble metal	palladium	7440-05-3	0.003	0.00	0.05	16	515
plating	noble metal	gold	7440-57-5	0.001	0.00		3		
		noble metal	silver	7440-22-4	0.000	0.00		2	
		noble metal	palladium	7440-05-3	0.000	0.00		2	
glue	non noble metal	nickel	7440-02-0	0.012	0.01	0.01	57	64	
		plastics	epoxy resin	-	0.152	0.07		727	
		noble metal	silver	7440-22-4	0.715	0.34	0.41	3428	4155
*deviation	< 10%		Sum in total:			100,00		1000000	

Important Remarks:

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Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com