



## Material Content Data Sheet



<b>Sales Product Name</b>				ICE3BR4765JG		<b>Issued</b>		20. July 2018	
<b>MA#</b>				MA001039668					
<b>Package</b>				PG-DSO-12-10		<b>Weight*</b>		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	1.867	0.89	0.89	8947	8947	
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	429957	441207	
	noble metal	gold	7440-57-5	0.318	0.15	0.15	1526	1526	
	encapsulation	organic material	carbon black	1333-86-4	0.227	0.11		1087	
encapsulation	plastics	epoxy resin	-	12.250	5.87		58700		
	inorganic material	silicondioxide	60676-86-0	100.953	48.38	54.36	483727	543514	
	leadfinish	noble metal	gold	7440-57-5	0.005	0.00		25	
plating	noble metal	silver	7440-22-4	0.003	0.00		14		
	noble metal	palladium	7440-05-3	0.003	0.00		16		
	non noble metal	nickel	7440-02-0	0.096	0.05	0.05	460	515	
	noble metal	gold	7440-57-5	0.001	0.00		3		
	noble metal	silver	7440-22-4	0.000	0.00		2		
glue	noble metal	palladium	7440-05-3	0.000	0.00		2		
	non noble metal	nickel	7440-02-0	0.012	0.01	0.01	57	64	
	plastics	epoxy resin	-	0.154	0.07		740		
*deviation	< 10%			0.728	0.35	0.42	3487	4227	
Sum in total:						100.00		1000000	

### Important Remarks:

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