



## Material Content Data Sheet



<b>Sales Product Name</b>				ICE2QR0665G		<b>Issued</b>		19. November 2015	
<b>MA#</b>				MA000910776					
<b>Package</b>				PG-DSO-12-10		<b>Weight*</b>		209.55 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	5.278	2.52	2.52	25189	25189	
leadframe	inorganic material	phosphorus	7723-14-0	0.028	0.01		132		
	non noble metal	zinc	7440-66-6	0.110	0.05		527		
	non noble metal	iron	7439-89-6	2.210	1.05		10546		
wire	non noble metal	copper	7440-50-8	89.731	42.82	43.93	428217	439422	
	noble metal	gold	7440-57-5	0.364	0.17	0.17	1738	1738	
	encapsulation	organic material	carbon black	1333-86-4	0.220	0.10		1050	
plastics	plastics	epoxy resin	-	11.886	5.67		56722		
	inorganic material	silicondioxide	60676-86-0	97.949	46.76	52.53	467435	525207	
	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	458	513	
	noble metal	gold	7440-57-5	0.001	0.00		3		
glue	noble metal	silver	7440-22-4	0.000	0.00		2		
	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	
*deviation	plastics	epoxy resin	-	0.288	0.14		1377		
	noble metal	silver	7440-22-4	1.360	0.65	0.79	6490	7867	
						Sum in total:		100.00	1000000

### Important Remarks:

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This product is in compliance with EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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