



## Material Content Data Sheet



<b>Sales Product Name</b>				ICE2QR1765G		<b>Issued</b>		19. January 2018	
<b>MA#</b>				MA001226040					
<b>Package</b>				PG-DSO-12-10		<b>Weight*</b>		208.98 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	2.914	1.39	1.39	13943	13943	
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		10575		
wire	non noble metal	copper	7440-50-8	89.731	42.94	44.06	429374	440610	
	noble metal	gold	7440-57-5	0.347	0.17	0.17	1659	1659	
	encapsulation	organic material	carbon black	1333-86-4	0.225	0.11		1076	
plastics	plastics	epoxy resin	-	12.137	5.81		58077		
	inorganic material	silicondioxide	60676-86-0	100.018	47.85	53.77	478599	537752	
	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	459	514	
	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	-	0.200	0.10		955		
	noble metal	silver	7440-22-4	0.941	0.45	0.55	4503	5458	
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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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

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