



## Material Content Data Sheet



<b>Sales Product Name</b>		ICE2QR1765		<b>Issued</b>		22. January 2018		
<b>MA#</b>		MA001043210						
<b>Package</b>		PG-DIP-8-15		<b>Weight*</b>		550.98 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	3.659	0.66	0.66	6640	6640
leadframe	inorganic material	phosphorus	7723-14-0	0.053	0.01		97	
	non noble metal	zinc	7440-66-6	0.213	0.04		387	
	non noble metal	iron	7439-89-6	4.266	0.77		7743	
wire	non noble metal	copper	7440-50-8	173.237	31.44	32.26	314415	322642
	noble metal	gold	7440-57-5	0.394	0.07	0.07	716	716
	encapsulation	organic material	carbon black	1333-86-4	1.795	0.33		3258
encapsulation	plastics	epoxy resin	-	48.470	8.80		87969	
	inorganic material	silicondioxide	60676-86-0	308.770	56.04	65.17	560398	651625
leadfinish	non noble metal	tin	7440-31-5	7.496	1.36	1.36	13605	13605
plating	noble metal	silver	7440-22-4	0.801	0.15	0.15	1453	1453
glue	plastics	epoxy resin	-	0.320	0.06		581	
	noble metal	silver	7440-22-4	1.508	0.27	0.33	2738	3319
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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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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