



Material Content Data Sheet



Sales Product Name	ICE2QR0665G			Issued		4. February 2020		
MA#	MA001582598							
Package	PG-DSO-12-19			Weight*		156.49 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.024	0.65	0.65	6544	6544
chip_2	inorganic material	silicon	7440-21-3	4.254	2.72	2.72	27185	27185
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		111	
	non noble metal	zinc	7440-66-6	0.069	0.04		443	
	non noble metal	iron	7439-89-6	1.386	0.89		8858	
	non noble metal	copper	7440-50-8	56.286	35.97	36.91	359673	369085
wire	noble metal	gold	7440-57-5	0.241	0.15	0.15	1539	1539
encapsulation	organic material	carbon black	1333-86-4	0.265	0.17		1694	
	plastics	epoxy resin	-	10.336	6.61		66051	
	inorganic material	silicondioxide	60676-86-0	77.744	49.68	56.46	496795	564540
leadfinish	non noble metal	tin	7440-31-5	1.143	0.73	0.73	7302	7302
plating	noble metal	silver	7440-22-4	0.428	0.27	0.27	2738	2738
glue	plastics	epoxy resin	-	0.495	0.32		3160	
	noble metal	silver	7440-22-4	2.802	1.79	2.11	17907	21067
*deviation	< 10%	Sum in total:			100.00			1000000

Important Remarks:

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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

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