



Material Content Data Sheet



Sales Product Name				ICE2QR0665G		Issued		20. July 2018	
MA#				MA001478064					
Package				PG-DSO-12-10		Weight*		210.12 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	2.51	2.51	25120	25120	
leadframe	inorganic material	phosphorus	7723-14-0	0.028	0.01		131		
	non noble metal	zinc	7440-66-6	0.110	0.05		526		
	non noble metal	iron	7439-89-6	2.210	1.05		10517		
wire	non noble metal	copper	7440-50-8	89.731	42.70	43.81	427047	438221	
	noble metal	gold	7440-57-5	0.366	0.17	0.17	1744	1744	
	encapsulation	organic material	carbon black	1333-86-4	0.220	0.10		1048	
encapsulation	plastics	epoxy resin	-	11.886	5.66		56567		
	inorganic material	silicondioxide	60676-86-0	97.948	46.63	52.39	466156	523771	
	leadfinish	noble metal	palladium	7440-05-3	0.000	0.00		2	
plating	noble metal	silver	7440-22-4	0.000	0.00		2		
	noble metal	gold	7440-57-5	0.001	0.00		3		
	non noble metal	nickel	7440-02-0	0.678	0.32	0.32	3228	3235	
	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	-	0.288	0.14		1373		
*deviation	< 10%			1.360	0.65	0.79	6472	7845	
						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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