



## Material Content Data Sheet



Sales Product Name	ICE3RBR0665JG			Issued		4. February 2020		
MA#	MA001580116							
Package	PG-DSO-12-19			Weight*		155.71 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	4.254	2.73	2.73	27322	27322
chip_2	inorganic material	silicon	7440-21-3	0.842	0.54	0.54	5408	5408
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		111	
	non noble metal	zinc	7440-66-6	0.069	0.04		445	
	non noble metal	iron	7439-89-6	1.386	0.89		8903	
	non noble metal	copper	7440-50-8	56.286	36.15	37.09	361488	370947
wire	noble metal	gold	7440-57-5	0.235	0.15	0.15	1511	1511
encapsulation	organic material	carbon black	1333-86-4	0.268	0.17		1723	
	plastics	epoxy resin	-	10.465	6.72		67211	
	inorganic material	silicondioxide	60676-86-0	78.713	50.57	57.46	505520	574454
leadfinish	non noble metal	tin	7440-31-5	1.143	0.73	0.73	7338	7338
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2752	2752
glue	plastics	epoxy resin	-	0.240	0.15		1540	
	noble metal	silver	7440-22-4	1.359	0.87	1.02	8728	10268
*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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