

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3BR4765JG	**Issued**	1. August 2018
MA#	MA001510676		
Package	PG-DSO-12-19	**Weight***	154.92 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	1.867	1.21	1.21	12053	12053
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		112	
	non noble metal	zinc	7440-66-6	0.069	0.04		447	
	non noble metal	iron	7439-89-6	1.386	0.89		8948	
	non noble metal	copper	7440-50-8	56.286	36.33	37.27	363323	372830
wire	noble metal	gold	7440-57-5	0.223	0.14	0.14	1440	1440
encapsulation	organic material	carbon black	1333-86-4	0.278	0.18		1794	
	plastics	epoxy resin	-	10.836	6.99		69947	
	inorganic material	silicondioxide	60676-86-0	81.503	52.62	59.79	526100	597841
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7376	7376
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2766	2766
glue	plastics	epoxy resin	-	0.132	0.09		854	
	noble metal	silver	7440-22-4	0.750	0.48	0.57	4840	5694
*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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