

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3AR4780CJZ	**Issued**	28. January 2020
MA#	MA001137374		
Package	PG-DIP-7-4	**Weight***	652.73 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	2.284	0.35	0.35	3500	3500
chip_2	inorganic material	silicon	7440-21-3	1.570	0.24	0.24	2405	2405
leadframe	inorganic material	phosphorus	7723-14-0	0.049	0.01		74	
	non noble metal	zinc	7440-66-6	0.194	0.03		298	
	non noble metal	iron	7439-89-6	3.884	0.60		5951	
	non noble metal	copper	7440-50-8	157.726	24.16	24.80	241641	247964
wire	noble metal	gold	7440-57-5	0.269	0.04	0.04	413	413
encapsulation	organic material	carbon black	1333-86-4	1.429	0.22		2190	
	plastics	epoxy resin	-	46.217	7.08		70806	
	inorganic material	silicondioxide	60676-86-0	428.819	65.70	73.00	656965	729961
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9896	9896
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2927	2927
glue	plastics	epoxy resin	-	0.287	0.04		440	
	noble metal	silver	7440-22-4	1.628	0.25	0.29	2494	2934
*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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