



## Material Content Data Sheet



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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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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