



Material Content Data Sheet



Sales Product Name				ICE5AR0680BZS		Issued		1. August 2018	
MA#				MA002198270					
Package				PG-DIP-7-5		Weight*		568.19 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	0.624	0.11	0.11	1098	1098	
chip_2	inorganic material	silicon	7440-21-3	3.428	0.60	0.60	6034	6034	
leadframe	inorganic material	phosphorus	7723-14-0	0.054	0.01		95		
	non noble metal	zinc	7440-66-6	0.215	0.04		378		
	non noble metal	iron	7439-89-6	4.297	0.76		7563		
wires	non noble metal	copper	7440-50-8	174.486	30.71	31.52	307090	315126	
	noble metal	palladium	7440-05-3	0.001	0.00		2		
	non noble metal	copper	7440-50-8	0.122	0.02	0.02	214	216	
encapsulation	organic material	carbon black	1333-86-4	3.741	0.66		6585		
	plastics	epoxy resin	-	71.086	12.51		125109		
	inorganic material	silicondioxide	60676-86-0	299.309	52.67	65.84	526776	658470	
leadfinish	non noble metal	tin	7440-31-5	8.009	1.41	1.41	14096	14096	
plating	noble metal	silver	7440-22-4	1.467	0.26	0.26	2582	2582	
glue	plastics	epoxy resin	-	0.237	0.04		416		
	noble metal	silver	7440-22-4	1.115	0.20	0.24	1962	2378	
*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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