



## Material Content Data Sheet



Sales Product Name	ICE5AR0680BZS			Issued		1. September 2019		
MA#	MA005400188							
Package	PG-DIP-7-6			Weight*		652.36 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	3.428	0.53	0.53	5255	5255
chip_2	inorganic material	silicon	7440-21-3	0.624	0.10	0.10	956	956
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		5954	
	non noble metal	copper	7440-50-8	157.726	24.18	24.82	241777	248103
wires	noble metal	palladium	7440-05-3	0.001	0.00		2	
	non noble metal	copper	7440-50-8	0.120	0.02	0.02	184	186
encapsulation	organic material	carbon black	1333-86-4	1.430	0.22		2192	
	plastics	epoxy resin	-	46.231	7.09		70868	
	inorganic material	silicondioxide	60676-86-0	428.950	65.73	73.04	657537	730597
leadfinish	non noble metal	tin	7440-31-5	6.460	0.99	0.99	9902	9902
plating	noble metal	silver	7440-22-4	1.911	0.29	0.29	2929	2929
glue	plastics	epoxy resin	-	0.203	0.03		311	
	noble metal	silver	7440-22-4	1.149	0.18	0.21	1761	2072
*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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