



Material Content Data Sheet



Sales Product Name		ICE5AR0680BZS		Issued		1. August 2018		
MA#		MA001731990						
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	3.428	0.60	0.60	6034	6034
chip_2	inorganic material	silicon	7440-21-3	0.624	0.11	0.11	1098	1098
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:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com