



Material Content Data Sheet



Sales Product Name		ICE3AR1580VJZ		Issued		1. August 2018		
MA#		MA001786120						
Package		PG-DIP-7-3		Weight*		645.48 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	5.342	0.83	0.83	8276	8276
leadframe	inorganic material	phosphorus	7723-14-0	0.048	0.01		75	
	non noble metal	zinc	7440-66-6	0.194	0.03		300	
	non noble metal	iron	7439-89-6	3.872	0.60		5999	
wire	non noble metal	copper	7440-50-8	157.218	24.36	25.00	243567	249941
	noble metal	gold	7440-57-5	0.420	0.07	0.07	651	651
	encapsulation	organic material	carbon black	1333-86-4	2.341	0.36		3626
encapsulation	plastics	epoxy resin	-	63.195	9.79		97905	
	inorganic material	silicondioxide	60676-86-0	402.578	62.36	72.51	623688	725219
leadfinish	non noble metal	tin	7440-31-5	6.460	1.00	1.00	10007	10007
plating	noble metal	silver	7440-22-4	1.594	0.25	0.25	2470	2470
glue	plastics	epoxy resin	-	0.388	0.06		601	
	noble metal	silver	7440-22-4	1.830	0.28	0.34	2835	3436
*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

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