



Material Content Data Sheet



Sales Product Name		ICE3AS03LJG		Issued		20. April 2016		
MA#		MA000793166						
Package		PG-DSO-8-42		Weight*		81.55 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	1.065	1.31	1.31	13061	13061
leadframe	inorganic material	phosphorus	7723-14-0	0.009	0.01		108	
	non noble metal	zinc	7440-66-6	0.035	0.04		432	
	non noble metal	iron	7439-89-6	0.705	0.86		8644	
wire	non noble metal	copper	7440-50-8	28.624	35.10	36.01	350983	360167
	noble metal	gold	7440-57-5	0.173	0.21	0.21	2120	2120
	encapsulation	organic material	carbon black	1333-86-4	0.148	0.18		1819
plastics	plastics	epoxy resin	-	4.798	5.88		58828	
		inorganic material	silicondioxide	60676-86-0	44.514	54.60	60.66	545831
leadfinish	non noble metal	tin	7440-31-5	0.814	1.00	1.00	9979	9979
plating	noble metal	silver	7440-22-4	0.084	0.10	0.10	1035	1035
glue	plastics	acrylic resin	-	0.117	0.14		1432	
		noble metal	silver	7440-22-4	0.467	0.57	0.71	5728
*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 2011/65/EU (RoHS) and does not use any exemption.

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