

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3AR1080JG	**Issued**	4. February 2020
MA#	MA001585374		
Package	PG-DSO-12-19	**Weight***	155.87 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	4.500	2.89	2.89	28868	28868
chip_2	inorganic material	silicon	7440-21-3	1.204	0.77	0.77	7724	7724
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		111	
	non noble metal	zinc	7440-66-6	0.069	0.04		445	
	non noble metal	iron	7439-89-6	1.386	0.89		8894	
	non noble metal	copper	7440-50-8	56.286	36.11	37.05	361116	370566
wire	noble metal	gold	7440-57-5	0.250	0.16	0.16	1604	1604
encapsulation	organic material	carbon black	1333-86-4	0.267	0.17		1710	
	plastics	epoxy resin	-	10.395	6.67		66693	
	inorganic material	silicondioxide	60676-86-0	78.186	50.17	57.01	501619	570022
leadfinish	non noble metal	tin	7440-31-5	1.143	0.73	0.73	7331	7331
plating	noble metal	silver	7440-22-4	0.428	0.27	0.27	2749	2749
glue	plastics	epoxy resin	-	0.260	0.17		1670	
	noble metal	silver	7440-22-4	1.475	0.95	1.12	9466	11136
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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