

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE3PCS01G	**Issued**	3. July 2019
MA#	MA005341698		
Package	PG-DSO-14-44	**Weight***	140.10 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	3.250	2.32	2.32	23196	23196
leadframe	inorganic material	phosphorus	7723-14-0	0.014	0.01		103	
	non noble metal	zinc	7440-66-6	0.057	0.04		410	
	non noble metal	iron	7439-89-6	1.150	0.82		8205	
	non noble metal	copper	7440-50-8	46.675	33.32	34.19	333165	341883
wire	noble metal	gold	7440-57-5	0.282	0.20	0.20	2012	2012
encapsulation	organic material	carbon black	1333-86-4	0.257	0.18		1832	
	plastics	epoxy resin	-	8.299	5.92		59239	
	inorganic material	silicondioxide	60676-86-0	77.001	54.96	61.06	549638	610709
leadfinish	non noble metal	tin	7440-31-5	1.226	0.88	0.88	8752	8752
plating	noble metal	silver	7440-22-4	0.307	0.22	0.22	2188	2188
glue	plastics	acrylic resin	-	0.315	0.23		2252	
	noble metal	silver	7440-22-4	1.262	0.90	1.13	9008	11260
*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