

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE2PCS05G	**Issued**	16. May 2021
MA#	MA005399641		
Package	PG-DSO-8-78	**Weight***	82.50 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	1.787	2.17	2.17	21658	21658
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		102	
	non noble metal	zinc	7440-66-6	0.034	0.04		408	
	non noble metal	iron	7439-89-6	0.673	0.82		8162	
	non noble metal	copper	7440-50-8	27.342	33.14	34.01	331398	340070
wire	noble metal	gold	7440-57-5	0.114	0.14	0.14	1380	1380
encapsulation	organic material	carbon black	1333-86-4	0.151	0.18		1834	
	plastics	epoxy resin	-	4.893	5.93		59307	
	inorganic material	silicondioxide	60676-86-0	45.399	55.02	61.13	550271	611412
leadfinish	non noble metal	tin	7440-31-5	0.876	1.06	1.06	10616	10616
plating	noble metal	silver	7440-22-4	0.131	0.16	0.16	1592	1592
glue	plastics	acrylic resin	-	0.241	0.29		2920	
	noble metal	silver	7440-22-4	0.854	1.04	1.33	10352	13272
*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 Neubiberg
Internet	www.infineon.com