



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ICE2PCS05G	<b>Issued</b>	04. May 2021
<b>MA#</b>	MA001051836		
<b>Package</b>	PG-DSO-8-41	<b>Weight*</b>	80.84 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	2.21	2.21	22105	22105
leadframe	inorganic material	phosphorus	7723-14-0	0.008	0.01		104	
	non noble metal	zinc	7440-66-6	0.034	0.04		416	
	non noble metal	iron	7439-89-6	0.673	0.83		8327	
	non noble metal	copper	7440-50-8	27.330	33.81	34.69	338092	346939
wire	noble metal	gold	7440-57-5	0.120	0.15	0.15	1484	1484
encapsulation	organic material	carbon black	1333-86-4	0.146	0.18		1812	
	plastics	epoxy resin	-	4.736	5.86		58584	
	inorganic material	silicondioxide	60676-86-0	43.939	54.35	60.39	543558	603954
leadfinish	non noble metal	tin	7440-31-5	0.814	1.01	1.01	10068	10068
plating	noble metal	silver	7440-22-4	0.090	0.11	0.11	1108	1108
glue	plastics	acrylic resin	-	0.232	0.29		2868	
	noble metal	silver	7440-22-4	0.927	1.15	1.44	11474	14342
*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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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