

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP65R045C7	**Issued**	26. June 2021
MA#	MA005570006		
Package	PG-TO220-3-321	**Weight***	1931.20 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	15.501	0.80	0.80	8027	8027
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		226	
	non noble metal	iron	7439-89-6	1.455	0.08		753	
	non noble metal	copper	7440-50-8	1,452.764	75.24	75.34	752260	753239
wire	non noble metal	aluminium	7429-90-5	9.904	0.51	0.51	5128	5128
encapsulation	organic material	carbon black	1333-86-4	2.186	0.11		1132	
	inorganic material	zinc borate	-	41.526	2.15		21503	
	plastics	epoxy resin	-	87.424	4.53		45269	
	inorganic material	silicondioxide	60676-86-0	305.985	15.84	22.63	158443	226347
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3905	3905
solder	non noble metal	antimony	7440-36-0	0.648	0.03		335	
	noble metal	silver	7440-22-4	1.619	0.08		839	
	non noble metal	tin	7440-31-5	4.210	0.22	0.33	2180	3354
*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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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