

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP60R380C6	**Issued**	18. August 2021
MA#	MA005570026		
Package	PG-TO220-3-321	**Weight***	1923.58 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	4.522	0.24	0.24	2351	2351
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		227	
	non noble metal	iron	7439-89-6	1.455	0.08		756	
	non noble metal	copper	7440-50-8	1,452.764	75.52	75.62	755243	756226
wire	non noble metal	aluminium	7429-90-5	0.889	0.05	0.05	462	462
encapsulation	organic material	carbon black	1333-86-4	2.267	0.12		1178	
	inorganic material	zinc borate	-	43.069	2.24		22390	
	plastics	epoxy resin	-	90.672	4.71		47137	
	inorganic material	silicondioxide	60676-86-0	317.352	16.50	23.57	164980	235685
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3921	3921
solder	non noble metal	antimony	7440-36-0	0.261	0.01		135	
	noble metal	silver	7440-22-4	0.652	0.03		339	
	non noble metal	tin	7440-31-5	1.694	0.09	0.13	881	1355
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com