

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP65R225C7	**Issued**	08. April 2022
MA#	MA005700191		
Package	PG-TO220-3-1	**Weight***	2031.71 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	3.621	0.18	0.18	1782	1782
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	iron	7439-89-6	0.816	0.04		402	
	non noble metal	copper	7440-50-8	815.335	40.13	40.18	401303	401826
wire	non noble metal	aluminium	7429-90-5	3.256	0.16	0.16	1603	1603
encapsulation	organic material	carbon black	1333-86-4	5.942	0.29		2925	
	plastics	epoxy resin	-	112.906	5.56		55572	
	inorganic material	silicondioxide	60676-86-0	475.392	23.40	29.25	233986	292483
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10564	10564
plating	inorganic material	phosphorus	7723-14-0	0.001			1	
	non noble metal	nickel	7440-02-0	0.244	0.01	0.01	120	121
solder	non noble metal	antimony	7440-36-0	0.226	0.01		111	
	noble metal	silver	7440-22-4	0.564	0.03		278	
	non noble metal	tin	7440-31-5	1.466	0.07	0.11	722	1111
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		291	
	non noble metal	copper	7440-50-8	589.466	29.01	29.05	290132	290510
*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