



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPP65R125C7	Issued	25. June 2021
MA#	MA005565855		
Package	PG-TO220-3-321	Weight*	1927.77 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	6.035	0.31	0.31	3131	3131
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		226	
	non noble metal	iron	7439-89-6	1.455	0.08		755	
	non noble metal	copper	7440-50-8	1,452.764	75.35	75.45	753597	754578
wire	non noble metal	aluminium	7429-90-5	12.739	0.66	0.66	6608	6608
encapsulation	organic material	carbon black	1333-86-4	2.218	0.12		1151	
	inorganic material	zinc borate	-	42.141	2.19		21860	
	plastics	epoxy resin	-	88.719	4.60		46021	
	inorganic material	silicondioxide	60676-86-0	310.515	16.11	23.02	161075	230107
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3912	3912
solder	non noble metal	antimony	7440-36-0	0.321	0.02		166	
	noble metal	silver	7440-22-4	0.802	0.04		416	
	non noble metal	tin	7440-31-5	2.086	0.11	0.17	1082	1664
*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