



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPP60R080P7	Issued	15. April 2021
MA#	MA005404580		
Package	PG-TO220-3-123	Weight*	2037.94 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	7.931	0.39	0.39	3891	3891
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		120	
	non noble metal	iron	7439-89-6	0.816	0.04		401	
	non noble metal	copper	7440-50-8	815.335	39.99	40.04	400078	400599
wire	non noble metal	aluminium	7429-90-5	3.187	0.16	0.16	1564	1564
encapsulation	organic material	carbon black	1333-86-4	2.965	0.15		1455	
	miscellaneous	miscellaneous	-	2.965	0.15		1455	
	organic material	phenol formaldehyde resin	9003-35-4	35.585	1.75		17461	
	inorganic material	silicondioxide	14808-60-7	47.446	2.33		23282	
	non noble metal	metal hydroxide	-	47.446	2.33		23282	
	plastics	epoxy resin	29690-82-2	71.169	3.49		34922	
	inorganic material	silicondioxide	60676-86-0	385.501	18.92	29.12	189162	291019
leadfinish	non noble metal	tin	7440-31-5	21.462	1.05	1.05	10531	10531
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	865	865
solder	non noble metal	antimony	7440-36-0	0.389	0.02		191	
	noble metal	silver	7440-22-4	0.972	0.05		477	
	non noble metal	tin	7440-31-5	2.526	0.12	0.19	1240	1908
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		290	
	non noble metal	copper	7440-50-8	589.466	28.92	28.96	289246	289623
*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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
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