

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP60R160C6	**Issued**	06. April 2021
MA#	MA002213706		
Package	PG-TO220-3-123	**Weight***	2029.57 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	9.747	0.48	0.48	4803	4803
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	40.17	40.22	401729	402252
wire	non noble metal	aluminium	7429-90-5	3.212	0.16	0.16	1582	1582
encapsulation	organic material	carbon black	1333-86-4	2.329	0.11		1147	
	plastics	epoxy resin	-	67.535	3.33		33276	
	inorganic material	silicondioxide	60676-86-0	512.336	25.24	28.68	252436	286859
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10575	10575
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	869	869
solder	non noble metal	antimony	7440-36-0	0.455	0.02		224	
	noble metal	silver	7440-22-4	1.138	0.06		561	
	non noble metal	tin	7440-31-5	2.959	0.15	0.23	1458	2243
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	29.04	29.08	290439	290817
*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.

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