

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP60R280C6	**Issued**	08. April 2022
MA#	MA005710097		
Package	PG-TO220-3-1	**Weight***	2032.85 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	5.826	0.29	0.29	2866	2866
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		120	
	non noble metal	iron	7439-89-6	0.816	0.04		402	
	non noble metal	copper	7440-50-8	815.335	40.09	40.14	401080	401602
wire	non noble metal	aluminium	7429-90-5	3.604	0.18	0.18	1773	1773
encapsulation	organic material	carbon black	1333-86-4	5.920	0.29		2912	
	plastics	epoxy resin	-	112.473	5.53		55328	
	inorganic material	silicondioxide	60676-86-0	473.571	23.30	29.12	232960	291200
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10558	10558
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	0.312	0.02		153	
	noble metal	silver	7440-22-4	0.779	0.04		383	
	non noble metal	tin	7440-31-5	2.025	0.10	0.16	996	1532
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	29.00	29.04	289971	290348
*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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