

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP60R099C6	**Issued**	24. February 2022
MA#	MA005709241		
Package	PG-TO220-3-1	**Weight***	2037.09 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	15.501	0.76	0.76	7609	7609
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	40.02	40.07	400243	400764
wire	non noble metal	aluminium	7429-90-5	3.641	0.18	0.18	1787	1787
encapsulation	organic material	carbon black	1333-86-4	5.831	0.29		2863	
	plastics	epoxy resin	-	110.796	5.44		54389	
	inorganic material	silicondioxide	60676-86-0	466.509	22.90	28.63	229008	286260
leadfinish	non noble metal	tin	7440-31-5	21.462	1.05	1.05	10536	10536
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	0.648	0.03		318	
	noble metal	silver	7440-22-4	1.619	0.08		795	
	non noble metal	tin	7440-31-5	4.210	0.21	0.32	2067	3180
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	28.94	28.98	289366	289743
*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.

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