



Material Content Data Sheet



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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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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