

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA60R099C6	**Issued**	11. April 2021
MA#	MA005342954		
Package	PG-TO220-3-313	**Weight***	2200.48 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	0.70	0.70	7044	7044
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	iron	7439-89-6	0.903	0.04		411	
	non noble metal	copper	7440-50-8	902.149	41.00	41.05	409979	410513
wire	non noble metal	aluminium	7429-90-5	3.690	0.17	0.17	1677	1677
encapsulation	organic material	carbon black	1333-86-4	2.365	0.11		1075	
	plastics	epoxy resin	-	211.378	9.61		96060	
	inorganic material	silicondioxide	60676-86-0	903.145	41.04	50.76	410432	507567
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3580	3580
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	752	752
solder	non noble metal	antimony	7440-36-0	0.648	0.03		294	
	noble metal	silver	7440-22-4	1.619	0.07		736	
	non noble metal	tin	7440-31-5	4.210	0.19	0.29	1913	2943
heatspreader	inorganic material	phosphorus	7723-14-0	0.044			20	
	non noble metal	iron	7439-89-6	0.145	0.01		66	
	non noble metal	copper	7440-50-8	144.874	6.58	6.59	65838	65924
*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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