



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPP60R280P6	Issued	25. June 2021
MA#	MA005565388		
Package	PG-TO220-3-321	Weight*	1924.90 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	0.30	0.30	3027	3027
leadframe	inorganic material	phosphorus	7723-14-0	0.436	0.02		227	
	non noble metal	iron	7439-89-6	1.455	0.08		756	
	non noble metal	copper	7440-50-8	1,452.764	75.47	75.57	754722	755705
wire	non noble metal	aluminium	7429-90-5	3.236	0.17	0.17	1681	1681
encapsulation	organic material	carbon black	1333-86-4	2.253	0.12		1170	
	inorganic material	zinc borate	-	42.800	2.22		22235	
	plastics	epoxy resin	-	90.104	4.68		46810	
	inorganic material	silicondioxide	60676-86-0	315.365	16.38	23.40	163835	234050
leadfinish	non noble metal	tin	7440-31-5	7.542	0.39	0.39	3918	3918
solder	non noble metal	antimony	7440-36-0	0.312	0.02		162	
	noble metal	silver	7440-22-4	0.779	0.04		405	
	non noble metal	tin	7440-31-5	2.025	0.11	0.17	1052	1619
*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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