



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPA60R600P7	Issued	14. February 2022
MA#	MA005621004		
Package	PG-TO220-3-253	Weight*	2133.32 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	1.664	0.08	0.08	780	780
leadframe	inorganic material	phosphorus	7723-14-0	0.429	0.02		201	
	non noble metal	iron	7439-89-6	1.431	0.07		671	
	non noble metal	copper	7440-50-8	1,428.770	66.96	67.05	669741	670613
wire	non noble metal	aluminium	7429-90-5	1.030	0.05	0.05	483	483
encapsulation	organic material	carbon black	1333-86-4	3.377	0.16		1583	
	plastics	epoxy resin	-	131.705	6.17		61737	
	inorganic material	silicondioxide	60676-86-0	540.330	25.33	31.66	253282	316602
leadfinish	non noble metal	tin	7440-31-5	21.462	1.01	1.01	10061	10061
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	827	827
solder	non noble metal	antimony	7440-36-0	0.135	0.01		63	
	noble metal	silver	7440-22-4	0.338	0.02		159	
	non noble metal	tin	7440-31-5	0.879	0.04	0.07	412	634
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com