



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPA60R360P7	Issued	25. June 2021
MA#	MA005557561		
Package	PG-TO220-3-253	Weight*	2133.40 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	2.321	0.11	0.11	1088	1088
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	669716	670588
wire	non noble metal	aluminium	7429-90-5	0.820	0.04	0.04	384	384
encapsulation	organic material	carbon black	1333-86-4	3.374	0.16		1581	
	plastics	epoxy resin	-	131.573	6.17		61673	
	inorganic material	silicondioxide	60676-86-0	539.786	25.30	31.63	253018	316272
leadfinish	non noble metal	tin	7440-31-5	21.462	1.01	1.01	10060	10060
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	827	827
solder	non noble metal	antimony	7440-36-0	0.167	0.01		78	
	noble metal	silver	7440-22-4	0.416	0.02		195	
	non noble metal	tin	7440-31-5	1.083	0.05	0.08	508	781
*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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