

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA60R160P6	**Issued**	05. April 2021
MA#	MA001725752		
Package	PG-TO220-3-253	**Weight***	2136.54 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	9.747	0.46	0.46	4562	4562
leadframe	inorganic material	phosphorus	7723-14-0	0.429	0.02		201	
	non noble metal	iron	7439-89-6	1.431	0.07		670	
	non noble metal	copper	7440-50-8	1,428.770	66.87	66.96	668731	669602
wire	non noble metal	aluminium	7429-90-5	3.373	0.16	0.16	1579	1579
encapsulation	organic material	carbon black	1333-86-4	3.325	0.16		1556	
	plastics	epoxy resin	-	129.679	6.07		60696	
	inorganic material	silicondioxide	60676-86-0	532.015	24.90	31.13	249007	311259
leadfinish	non noble metal	tin	7440-31-5	21.462	1.00	1.00	10045	10045
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	825	825
solder	non noble metal	antimony	7440-36-0	0.455	0.02		213	
	noble metal	silver	7440-22-4	1.136	0.05		532	
	non noble metal	tin	7440-31-5	2.955	0.14	0.21	1383	2128
*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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