



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPA60R160P6	Issued	02. June 2021
MA#	MA001169158		
Package	PG-TO220-3-253	Weight*	2136.59 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	668715	669586
wire	non noble metal	aluminium	7429-90-5	3.631	0.17	0.17	1700	1700
encapsulation	organic material	carbon black	1333-86-4	3.324	0.16		1556	
	plastics	epoxy resin	-	129.638	6.07		60675	
	inorganic material	silicondioxide	60676-86-0	531.847	24.89	31.12	248923	311154
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.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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