Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA60R060C7	**Issued**	24. January 2018
MA#	MA001394020		
Package	PG-TO220-3-313	**Weight***	2225.88 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	10.303	0.46	0.46	4629	4629
leadframe	non noble metal	iron	7439-89-6	1.048	0.05		471	
	inorganic material	phosphorus	7723-14-0	0.315	0.01		141	
	non noble metal	copper	7440-50-8	1047.023	47.04	47.10	470386	470998
wire	non noble metal	aluminium	7429-90-5	58.534	2.63	2.63	26297	26297
encapsulation	organic material	carbon black	1333-86-4	2.273	0.10		1021	
	plastics	epoxy resin	-	206.620	9.28		92826	
	inorganic material	silicondioxide	60676-86-0	885.370	39.78	49.16	397762	491609
leadfinish	non noble metal	tin	7440-31-5	7.975	0.36	0.36	3583	3583
plating	non noble metal	nickel	7440-02-0	1.676	0.08	0.08	753	753
solder	non noble metal	antimony	7440-36-0	0.474	0.02		213	
	noble metal	silver	7440-22-4	1.186	0.05		533	
	non noble metal	tin	7440-31-5	3.083	0.14	0.21	1385	2131
*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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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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