Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA60R280E6	**Issued**	25. September 2017
MA#	MA001076860		
Package	PG-TO220-3-253	**Weight***	2134.61 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	5.826	0.27	0.27	2729	2729
leadframe	non noble metal	iron	7439-89-6	1.431	0.07		670	
	inorganic material	phosphorus	7723-14-0	0.429	0.02		201	
	non noble metal	copper	7440-50-8	1428.770	66.93	67.02	669335	670206
wire	non noble metal	aluminium	7429-90-5	2.923	0.14	0.14	1369	1369
encapsulation	organic material	carbon black	1333-86-4	3.344	0.16		1567	
	plastics	epoxy resin	-	130.434	6.11		61104	
	inorganic material	silicondioxide	60676-86-0	535.114	25.07	31.34	250685	313356
leadfinish	non noble metal	tin	7440-31-5	21.462	1.01	1.01	10054	10054
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	826	826
solder	non noble metal	antimony	7440-36-0	0.312	0.01		146	
	noble metal	silver	7440-22-4	0.779	0.04		365	
	non noble metal	tin	7440-31-5	2.025	0.09	0.14	949	1460
*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

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