Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA80R900P7	**Issued**	1. August 2018
MA#	MA001702000		
Package	PG-TO220-3-253	**Weight***	2133.27 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	2.033	0.10	0.10	953	953
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	1428.770	66.96	67.05	669755	670627
wire	non noble metal	aluminium	7429-90-5	0.811	0.04	0.04	380	380
encapsulation	organic material	carbon black	1333-86-4	3.375	0.16		1582	
	plastics	epoxy resin	-	131.631	6.17		61704	
	inorganic material	silicondioxide	60676-86-0	540.025	25.31	31.64	253144	316430
leadfinish	non noble metal	tin	7440-31-5	21.462	1.01	1.01	10061	10061
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	827	827
solder	non noble metal	antimony	7440-36-0	0.154	0.01		72	
	noble metal	silver	7440-22-4	0.385	0.02		181	
	non noble metal	tin	7440-31-5	1.001	0.05	0.08	469	722
*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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