



Material Content Data Sheet



Sales Product Name		IPA60R099C7		Issued		1. August 2018		
MA#		MA002035310						
Package		PG-TO220-3-313		Weight*		2206.51 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	6.630	0.30	0.30	3005	3005
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		123	
	non noble metal	iron	7439-89-6	0.903	0.04		409	
	non noble metal	copper	7440-50-8	902.149	40.89	40.94	408857	409389
	non noble metal	aluminium	7429-90-5	2.914	0.13	0.13	1321	1321
wire	non noble metal	aluminium	7429-90-5	2.914	0.13	0.13	1321	1321
encapsulation	organic material	carbon black	1333-86-4	2.312	0.10		1048	
	plastics	epoxy resin	-	213.935	9.70		96956	
	inorganic material	silicondioxide	60676-86-0	919.370	41.65	51.45	416662	514666
leadfinish	non noble metal	tin	7440-31-5	7.877	0.36	0.36	3570	3570
plating	non noble metal	nickel	7440-02-0	1.656	0.08	0.08	750	750
solder	non noble metal	antimony	7440-36-0	0.343	0.02		156	
	noble metal	silver	7440-22-4	0.858	0.04		389	
	non noble metal	tin	7440-31-5	2.231	0.10	0.16	1011	1556
heatspreader	inorganic material	phosphorus	7723-14-0	0.044	0.00		20	
	non noble metal	iron	7439-89-6	0.145	0.01		66	
	non noble metal	copper	7440-50-8	144.874	6.57	6.58	65657	65743
*deviation	< 10%		Sum in total:			100.00		1000000

Important Remarks:

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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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