



Material Content Data Sheet



Sales Product Name		IPA60R099C7		Issued		24. January 2018		
MA#		MA002035310						
Package		PG-TO220-3-313		Weight*		2237.35 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	2963	2963
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		121	
	non noble metal	iron	7439-89-6	0.903	0.04		404	
	non noble metal	copper	7440-50-8	902.149	40.32	40.37	403223	403748
	non noble metal	aluminium	7429-90-5	2.914	0.13	0.13	1303	1303
wire	non noble metal	aluminium	7429-90-5	2.914	0.13	0.13	1303	1303
encapsulation	organic material	carbon black	1333-86-4	2.381	0.11		1064	
	plastics	epoxy resin	-	219.808	9.82		98245	
	inorganic material	silicondioxide	60676-86-0	944.264	42.20	52.13	422045	521354
leadfinish	non noble metal	tin	7440-31-5	7.877	0.35	0.35	3521	3521
plating	non noble metal	nickel	7440-02-0	1.656	0.07	0.07	740	740
solder	non noble metal	antimony	7440-36-0	0.343	0.02		153	
	noble metal	silver	7440-22-4	0.858	0.04		384	
	non noble metal	tin	7440-31-5	2.231	0.10	0.16	997	1534
heatspreader	inorganic material	phosphorus	7723-14-0	0.044	0.00		19	
	non noble metal	iron	7439-89-6	0.145	0.01		65	
	non noble metal	copper	7440-50-8	144.874	6.48	6.49	64753	64837
*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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