



Material Content Data Sheet



Sales Product Name		IPA60R060C7		Issued		24. January 2018		
MA#		MA002103708						
Package		PG-TO220-3-313		Weight*		2256.18 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	4567	4567
leadframe	inorganic material	phosphorus	7723-14-0	0.271	0.01		120	
	non noble metal	iron	7439-89-6	0.903	0.04		400	
	non noble metal	copper	7440-50-8	902.149	39.99	40.04	399858	400378
	non noble metal	aluminium	7429-90-5	5.853	0.26	0.26	2594	2594
wire	organic material	carbon black	1333-86-4	2.436	0.11		1080	
encapsulation	plastics	epoxy resin	-	222.208	9.85		98489	
	inorganic material	silicondioxide	60676-86-0	952.718	42.22	52.18	422269	521838
leadfinish	non noble metal	tin	7440-31-5	7.877	0.35	0.35	3491	3491
plating	non noble metal	nickel	7440-02-0	1.656	0.07	0.07	734	734
solder	non noble metal	antimony	7440-36-0	0.474	0.02		210	
	noble metal	silver	7440-22-4	1.186	0.05		526	
heatspreader	non noble metal	tin	7440-31-5	3.083	0.14	0.21	1367	2103
	inorganic material	phosphorus	7723-14-0	0.044	0.00		19	
	non noble metal	iron	7439-89-6	0.145	0.01		64	
	non noble metal	copper	7440-50-8	144.874	6.42	6.43	64212	64295
*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.
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

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