



Material Content Data Sheet



Sales Product Name				IPP60R074C6		Issued		27. September 2017	
MA#				MA000913870					
Package				PG-TO220-3-1		Weight*		2034.39 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	noble metal	gold	7440-57-5	0.920	0.05		452		
	non noble metal	tin	7440-31-5	0.237	0.01		117		
	inorganic material	silicon	7440-21-3	6.818	0.34	0.40	3351	3920	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		401		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		120		
	non noble metal	copper	7440-50-8	815.335	40.07	40.12	400775	401297	
wire	non noble metal	aluminium	7429-90-5	5.769	0.28	0.28	2836	2836	
	encapsulation	organic material	carbon black	1333-86-4	8.885	0.44		4367	
		plastics	epoxy resin	-	97.731	4.80		48040	
	inorganic material	silicondioxide	60676-86-0	485.693	23.87	29.11	238742	291149	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10550	10550	
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	120	
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		290		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	28.98	29.02	289751	290128	
*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