



Material Content Data Sheet



Sales Product Name		IPP60R180C7		Issued		15. February 2016		
MA#		MA001487754						
Package		PG-TO220-3-123		Weight*		2029.17 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	3.951	0.19	0.19	1947	1947
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	copper	7440-50-8	815.335	40.18	40.23	401808	402331
wire	non noble metal	aluminium	7429-90-5	26.205	1.29	1.29	12914	12914
encapsulation	organic material	carbon black	1333-86-4	2.267	0.11		1117	
	plastics	epoxy resin	-	65.745	3.24		32400	
	inorganic material	silicondioxide	60676-86-0	498.756	24.58	27.93	245794	279311
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10577	10577
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	869	869
solder	non noble metal	antimony	7440-36-0	0.239	0.01		118	
	noble metal	silver	7440-22-4	0.597	0.03		294	
	non noble metal	tin	7440-31-5	1.552	0.08	0.12	765	1177
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		291	
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	copper	7440-50-8	589.466	29.05	29.09	290496	290874
*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 2011/65/EU (RoHS) and does not use any exemption.

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