



Material Content Data Sheet



Sales Product Name		IPP60R950C6		Issued		8. September 2016		
MA#		MA000974304						
Package		PG-TO220-3-123		Weight*		2025.84 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	2.144	0.11	0.11	1058	1058
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		403	
	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	copper	7440-50-8	815.335	40.23	40.28	402469	402993
wire	non noble metal	aluminium	7429-90-5	7.025	0.35	0.35	3468	3468
encapsulation	organic material	carbon black	1333-86-4	2.341	0.12		1156	
	plastics	epoxy resin	-	67.887	3.35		33510	
	inorganic material	silicondioxide	60676-86-0	515.003	25.42	28.89	254217	288883
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10594	10594
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	871	871
solder	non noble metal	antimony	7440-36-0	0.158	0.01		78	
	noble metal	silver	7440-22-4	0.396	0.02		195	
	non noble metal	tin	7440-31-5	1.029	0.05	0.08	508	781
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	29.10	29.14	290974	291352
*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.
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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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