



Material Content Data Sheet



Sales Product Name		IPP60R950C6		Issued		20. July 2018		
MA#		MA001318954						
Package		PG-TO220-3-123		Weight*		2025.12 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	1059	1059
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	40.25	40.30	402611	403135
wire	non noble metal	aluminium	7429-90-5	1.239	0.06	0.06	612	612
encapsulation	organic material	carbon black	1333-86-4	2.361	0.12		1166	
	plastics	epoxy resin	-	68.474	3.38		33813	
	inorganic material	silicondioxide	60676-86-0	519.461	25.65	29.15	256509	291488
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10598	10598
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	29.11	29.15	291078	291456
*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 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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