



Material Content Data Sheet



Sales Product Name		IPP90R800C3		Issued		22. January 2018		
MA#		MA000995176						
Package		PG-TO220-3-123		Weight*		2027.35 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	6.653	0.33	0.33	3282	3282
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	40.20	40.25	402168	402692
wire	non noble metal	aluminium	7429-90-5	1.337	0.07	0.07	659	659
encapsulation	organic material	carbon black	1333-86-4	2.344	0.12		1156	
	plastics	epoxy resin	-	67.986	3.35		33534	
	inorganic material	silicondioxide	60676-86-0	515.757	25.44	28.91	254399	289089
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10586	10586
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	870	870
solder	non noble metal	antimony	7440-36-0	0.342	0.02		169	
	noble metal	silver	7440-22-4	0.855	0.04		422	
	non noble metal	tin	7440-31-5	2.222	0.11	0.17	1096	1687
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	29.08	29.12	290757	291135
*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

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