



Material Content Data Sheet



Sales Product Name		IPP60R330P6		Issued		19. July 2018		
MA#		MA001136734						
Package		PG-TO220-3-123		Weight*		2026.85 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	5.001	0.25	0.25	2467	2467
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	40.22	40.27	402268	402792
wire	non noble metal	aluminium	7429-90-5	2.581	0.13	0.13	1274	1274
encapsulation	organic material	carbon black	1333-86-4	2.346	0.12		1157	
	plastics	epoxy resin	-	68.034	3.36		33566	
	inorganic material	silicondioxide	60676-86-0	516.117	25.46	28.94	254641	289364
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10589	10589
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	870	870
solder	non noble metal	tin	7440-31-5	1.892	0.09		934	
	noble metal	silver	7440-22-4	0.728	0.04		359	
	non noble metal	antimony	7440-36-0	0.291	0.01	0.14	144	1437
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	290829	291207
*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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