



Material Content Data Sheet



Sales Product Name		IPP60R280CFD7		Issued		25. January 2018		
MA#		MA001714472						
Package		PG-TO220-3-123		Weight*		2025.56 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	2.932	0.14	0.14	1448	1448
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	iron	7439-89-6	0.816	0.04		403	
	non noble metal	copper	7440-50-8	815.335	40.26	40.31	402522	403046
	non noble metal	aluminium	7429-90-5	1.470	0.07	0.07	726	726
wire	non noble metal	aluminium	7429-90-5	1.470	0.07	0.07	726	726
encapsulation	organic material	carbon black	1333-86-4	2.357	0.12		1164	
	plastics	epoxy resin	-	68.366	3.38		33752	
	inorganic material	silicondioxide	60676-86-0	518.640	25.60	29.10	256047	290963
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10596	10596
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	871	871
solder	non noble metal	antimony	7440-36-0	0.194	0.01		96	
	noble metal	silver	7440-22-4	0.486	0.02		240	
	non noble metal	tin	7440-31-5	1.263	0.06	0.09	623	959
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		291	
	non noble metal	copper	7440-50-8	589.466	29.10	29.14	291013	291391
*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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