



Material Content Data Sheet



Sales Product Name				IPP030N10N3 G		Issued		20. July 2018	
MA#				MA001364730					
Package				PG-TO220-3-123		Weight*		2032.67 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	15.455	0.76	0.76	7603	7603	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		402		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		120		
	non noble metal	copper	7440-50-8	815.335	40.11	40.16	401116	401638	
wire	non noble metal	aluminium	7429-90-5	10.362	0.51	0.51	5098	5098	
encapsulation	organic material	carbon black	1333-86-4	2.281	0.11		1122		
	plastics	epoxy resin	-	66.152	3.25		32545		
	inorganic material	silicondioxide	60676-86-0	501.844	24.69	28.05	246890	280557	
leadfinish	non noble metal	tin	7440-31-5	21.731	1.07	1.07	10691	10691	
plating	non noble metal	nickel	7440-02-0	1.786	0.09	0.09	878	878	
solder	non noble metal	antimony	7440-36-0	0.643	0.03		316		
	noble metal	silver	7440-22-4	1.606	0.08		790		
	non noble metal	tin	7440-31-5	4.177	0.21	0.32	2055	3161	
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		290		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	29.00	29.04	289997	290374	
*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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