



Material Content Data Sheet



Sales Product Name				IPP032N06N3 G		Issued		27. September 2017	
MA#				MA000973662					
Package				PG-TO220-3-1		Weight*		2042.59 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	6.442	0.32	0.32	3154	3154	
leadframe	non noble metal	iron	7439-89-6	0.816	0.04		400		
	inorganic material	phosphorus	7723-14-0	0.245	0.01		120		
	non noble metal	copper	7440-50-8	815.335	39.92	39.97	399166	399687	
wire	non noble metal	aluminium	7429-90-5	89.332	4.37	4.37	43735	43735	
encapsulation	organic material	carbon black	1333-86-4	5.149	0.25		2521		
	plastics	epoxy resin	-	97.838	4.79		47899		
	inorganic material	silicondioxide	60676-86-0	411.952	20.17	25.21	201681	252101	
leadfinish	non noble metal	tin	7440-31-5	21.731	1.06	1.06	10639	10639	
plating	non noble metal	nickel	7440-02-0	0.244	0.01		120		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	1	120	
solder	non noble metal	antimony	7440-36-0	0.327	0.02		160		
	noble metal	silver	7440-22-4	0.818	0.04		400		
	non noble metal	tin	7440-31-5	2.126	0.10	0.16	1041	1601	
heatspreader	non noble metal	iron	7439-89-6	0.590	0.03		289		
	inorganic material	phosphorus	7723-14-0	0.177	0.01		87		
	non noble metal	copper	7440-50-8	589.466	28.86	28.90	288587	288963	
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com