



Material Content Data Sheet



Sales Product Name				IPP072N10N3 G		Issued		14. July 2016	
MA#				MA000931856					
Package				PG-TO220-3-1		Weight*		2039.25 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	5.560	0.27	0.27	2727	2727	
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	39.99	40.04	399820	400341	
wire	non noble metal	aluminium	7429-90-5	65.709	3.22	3.22	32222	32222	
encapsulation	organic material	carbon black	1333-86-4	5.366	0.26		2631		
	plastics	epoxy resin	-	101.960	5.00		49999		
	inorganic material	silicondioxide	60676-86-0	429.304	21.05	26.31	210520	263150	
leadfinish	non noble metal	tin	7440-31-5	21.462	1.05	1.05	10525	10525	
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	0.302	0.01		148		
	noble metal	silver	7440-22-4	0.754	0.04		370		
	non noble metal	tin	7440-31-5	1.961	0.10	0.15	962	1480	
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	28.91	28.95	289059	289435	
*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 2011/65/EU (RoHS) and does not use any exemption.

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