



Material Content Data Sheet



Sales Product Name	IPP024N06N3 G			Issued		23. January 2020		
MA#	MA000840938							
Package	PG-TO220-3-123			Weight*		2032.46 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	10.427	0.51	0.51	5130	5130
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		121	
	non noble metal	iron	7439-89-6	0.816	0.04		402	
	non noble metal	copper	7440-50-8	815.335	40.13	40.18	401156	401679
wire	non noble metal	aluminium	7429-90-5	12.074	0.59	0.59	5941	5941
encapsulation	organic material	carbon black	1333-86-4	2.301	0.11		1132	
	plastics	epoxy resin	-	66.742	3.28		32838	
	inorganic material	silicondioxide	60676-86-0	506.319	24.91	28.30	249117	283087
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10560	10560
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	868	868
solder	non noble metal	antimony	7440-36-0	0.474	0.02		233	
	noble metal	silver	7440-22-4	1.185	0.06		583	
	non noble metal	tin	7440-31-5	3.082	0.15	0.23	1516	2332
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		87	
	non noble metal	iron	7439-89-6	0.590	0.03		290	
	non noble metal	copper	7440-50-8	589.466	29.00	29.04	290026	290403
*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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