



Material Content Data Sheet



Sales Product Name		IPP037N08N3 G		Issued		25. January 2018		
MA#		MA000933774						
Package		PG-TO220-3-123		Weight*		2028.46 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	7.048	0.35	0.35	3475	3475
leadframe	non noble metal	iron	7439-89-6	1.407	0.07		693	
	inorganic material	phosphorus	7723-14-0	0.422	0.02		208	
	non noble metal	copper	7440-50-8	1404.801	69.25	69.34	692545	693446
wire	non noble metal	aluminium	7429-90-5	9.081	0.45	0.45	4477	4477
encapsulation	organic material	carbon black	1333-86-4	2.316	0.11		1142	
	plastics	epoxy resin	-	67.159	3.31		33109	
	inorganic material	silicondioxide	60676-86-0	509.485	25.12	28.54	251168	285419
leadfinish	non noble metal	tin	7440-31-5	21.462	1.06	1.06	10581	10581
plating	non noble metal	nickel	7440-02-0	1.764	0.09	0.09	869	869
solder	non noble metal	antimony	7440-36-0	0.352	0.02		173	
	noble metal	silver	7440-22-4	0.879	0.04		433	
	non noble metal	tin	7440-31-5	2.286	0.11	0.17	1127	1733
*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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