



Material Content Data Sheet



Sales Product Name		IPA030N10N3 G		Issued		27. September 2017		
MA#		MA000800284						
Package		PG-TO220-3-111		Weight*		2233.32 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	0.69	0.69	6920	6920
leadframe	non noble metal	iron	7439-89-6	1.120	0.05		501	
	inorganic material	phosphorus	7723-14-0	0.336	0.02		150	
	non noble metal	copper	7440-50-8	1118.332	50.07	50.14	500748	501399
wire	non noble metal	aluminium	7429-90-5	9.385	0.42	0.42	4202	4202
encapsulation	organic material	carbon black	1333-86-4	2.237	0.10		1002	
	plastics	epoxy resin	-	203.091	9.09		90937	
	inorganic material	silicondioxide	60676-86-0	870.037	38.96	48.15	389571	481510
leadfinish	non noble metal	tin	7440-31-5	7.942	0.36	0.36	3556	3556
plating	non noble metal	nickel	7440-02-0	0.305	0.01		137	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.01	0	137
solder	non noble metal	antimony	7440-36-0	0.508	0.02		228	
	noble metal	silver	7440-22-4	1.271	0.06		569	
	non noble metal	tin	7440-31-5	3.304	0.15	0.23	1479	2276
*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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