



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPB072N15N3 G	Issued	04. May 2021
MA#	MA001151744		
Package	PG-TO263-3-2	Weight*	1569.84 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	17.562	1.12	1.12	11187	11187
leadframe	inorganic material	phosphorus	7723-14-0	0.091	0.01		58	
	non noble metal	iron	7439-89-6	0.304	0.02		194	
	non noble metal	copper	7440-50-8	304.026	19.37	19.40	193667	193919
wire	non noble metal	aluminium	7429-90-5	11.338	0.72	0.72	7222	7222
encapsulation	inorganic material	zinc oxide	1314-13-2	6.679	0.43		4255	
	miscellaneous	miscellaneous	-	26.718	1.70		17020	
	plastics	epoxy resin	-	100.192	6.38		63823	
	inorganic material	silicon dioxide	60676-86-0	534.359	34.04	42.55	340392	425490
lead finish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6151	6151
plating	inorganic material	phosphorus	7723-14-0	0.001			1	
	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	146	147
solder	non noble metal	tin	7440-31-5	0.206	0.01		131	
	noble metal	silver	7440-22-4	0.258	0.02		164	
	non noble metal	lead	7439-92-1	9.839	0.63	0.66	6268	6563
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		105	
	non noble metal	iron	7439-89-6	0.548	0.03		349	
	non noble metal	copper	7440-50-8	547.666	34.88	34.92	348867	349321
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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