

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPB80N04S4L-04	**Issued**	22. April 2022
MA#	MA005712774		
Package	PG-TO263-3-2	**Weight***	1559.00 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	1.788	0.11	0.11	1147	1147
leadframe	inorganic material	phosphorus	7723-14-0	0.091	0.01		59	
	non noble metal	iron	7439-89-6	0.304	0.02		195	
	non noble metal	copper	7440-50-8	304.026	19.50	19.53	195013	195267
wire	non noble metal	aluminium	7429-90-5	7.456	0.48	0.48	4782	4782
encapsulation	inorganic material	zincoxide	1314-13-2	6.853	0.44		4395	
	miscellaneous	miscellaneous	-	27.410	1.76		17582	
	plastics	epoxy resin	-	102.789	6.59		65932	
	inorganic material	silicondioxide	60676-86-0	548.206	35.17	43.96	351638	439547
leadfinish	non noble metal	tin	7440-31-5	9.657	0.62	0.62	6194	6194
plating	inorganic material	phosphorus	7723-14-0	0.001			1	
	non noble metal	nickel	7440-02-0	0.228	0.01	0.01	147	148
solder	non noble metal	tin	7440-31-5	0.036			23	
	noble metal	silver	7440-22-4	0.045			29	
	non noble metal	lead	7439-92-1	1.735	0.11	0.11	1113	1165
heatspreader	inorganic material	phosphorus	7723-14-0	0.165	0.01		106	
	non noble metal	iron	7439-89-6	0.548	0.04		352	
	non noble metal	copper	7440-50-8	547.666	35.13	35.18	351292	351750
*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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