



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPB80P04P4L-08	<b>Issued</b>	03. May 2021
<b>MA#</b>	MA000892290		
<b>Package</b>	PG-TO263-3-2	<b>Weight*</b>	1559.01 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	2.074	0.13	0.13	1330	1330
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	195012	195266
wire	non noble metal	aluminium	7429-90-5	6.666	0.43	0.43	4276	4276
encapsulation	inorganic material	zinc oxide	1314-13-2	6.855	0.44		4397	
	miscellaneous	miscellaneous	-	27.422	1.76		17589	
	plastics	epoxy resin	-	102.832	6.60		65960	
	inorganic material	silicon dioxide	60676-86-0	548.437	35.18	43.98	351786	439732
lead finish	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	0.041			26	
	noble metal	silver	7440-22-4	0.051			33	
	non noble metal	lead	7439-92-1	1.942	0.12	0.12	1246	1305
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	351291	351749
*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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