



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPP129N10NF2S	Issued	14. February 2022
MA#	MA005626014		
Package	PG-TO220-3-60	Weight*	1984.97 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	1.889	0.10	0.10	952	952
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		123	
	non noble metal	iron	7439-89-6	0.816	0.04		411	
	non noble metal	copper	7440-50-8	815.335	41.08	41.13	410754	411288
wire	non noble metal	aluminium	7429-90-5	3.589	0.18	0.18	1808	1808
encapsulation	organic material	carbon black	1333-86-4	2.854	0.14		1438	
	plastics	epoxy resin	-	114.175	5.75		57520	
	inorganic material	silicon dioxide	60676-86-0	453.847	22.86	28.75	228642	287600
solder	non noble metal	tin	7440-31-5	0.040			20	
	noble metal	silver	7440-22-4	0.050			25	
	non noble metal	lead	7439-92-1	1.898	0.10	0.10	956	1001
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		89	
	non noble metal	iron	7439-89-6	0.590	0.03		297	
	non noble metal	copper	7440-50-8	589.466	29.70	29.74	296965	297351
*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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