



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPP024N08NF2S	Issued	24. June 2021
MA#	MA005549497		
Package	PG-TO220-3-60	Weight*	1991.35 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	7.035	0.35	0.35	3533	3533
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		123	
	non noble metal	iron	7439-89-6	0.816	0.04		410	
	non noble metal	copper	7440-50-8	815.335	40.95	41.00	409440	409973
wire	non noble metal	aluminium	7429-90-5	12.394	0.62	0.62	6224	6224
encapsulation	organic material	carbon black	1333-86-4	2.802	0.14		1407	
	plastics	epoxy resin	-	112.064	5.63		56276	
	inorganic material	silicondioxide	60676-86-0	445.456	22.37	28.14	223695	281378
solder	non noble metal	tin	7440-31-5	0.099			50	
	noble metal	silver	7440-22-4	0.124	0.01		62	
	non noble metal	lead	7439-92-1	4.744	0.24	0.25	2382	2494
heatspreader	inorganic material	phosphorus	7723-14-0	0.177	0.01		89	
	non noble metal	iron	7439-89-6	0.590	0.03		296	
	non noble metal	copper	7440-50-8	589.466	29.60	29.64	296013	296398
*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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