Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPP016N08NF2S	**Issued**	24. June 2021
MA#	MA005549495		
Package	PG-TO220-3-60	**Weight***	1995.25 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	13.145	0.66	0.66	6588	6588
leadframe	inorganic material	phosphorus	7723-14-0	0.245	0.01		123	
	non noble metal	iron	7439-89-6	0.816	0.04		409	
	non noble metal	copper	7440-50-8	815.335	40.86	40.91	408637	409169
wire	non noble metal	aluminium	7429-90-5	12.309	0.62	0.62	6169	6169
encapsulation	organic material	carbon black	1333-86-4	2.775	0.14		1391	
	plastics	epoxy resin	-	111.006	5.56		55635	
	inorganic material	silicondioxide	60676-86-0	441.251	22.12	27.82	221150	278176
solder	non noble metal	tin	7440-31-5	0.163	0.01		82	
	noble metal	silver	7440-22-4	0.203	0.01		102	
	non noble metal	lead	7439-92-1	7.772	0.39	0.41	3895	4079
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	29.54	29.58	295434	295819
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com