

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IGD08N120S7	**Issued**	14. May 2024
MA#	MA005876831		
Package	PG-TO252-3-11	**Weight***	370.52 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	2.540	0.686	0.686	6856	6856
leadframe	inorganic material	phosphorus	7723-14-0	0.070	0.019	63.287	190	632872
	non noble metal	iron	7439-89-6	0.234	0.063		633	
	non noble metal	copper	7440-50-8	234.187	63.205		632049	
wire	non noble metal	aluminium	7429-90-5	0.728	0.197	0.197	1966	1966
encapsulation	inorganic material	zincoxide	1314-13-2	1.267	0.342	34.186	3419	341858
	miscellaneous	miscellaneous	-	6.333	1.709		17093	
	plastics	epoxy resin	-	19.000	5.128		51279	
	inorganic material	silicondioxide	60676-86-0	100.066	27.007		270068	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.009	1.009	10094	10094
plating	inorganic material	phosphorus	7723-14-0	0.000	0.000	0.025	1	246
	non noble metal	nickel	7440-02-0	0.091	0.025		245	
solder	non noble metal	tin	7440-31-5	0.045	0.012	0.611	122	6108
	noble metal	silver	7440-22-4	0.057	0.015		153	
	non noble metal	lead	7439-92-1	2.161	0.583		5833	
*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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