

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IGD03N120S7	**Issued**	14. May 2024
MA#	MA005876352		
Package	PG-TO252-3-11	**Weight***	369.61 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	1.393	0.377	0.377	3770	3770
leadframe	inorganic material	phosphorus	7723-14-0	0.070	0.019	63.444	190	634437
	non noble metal	iron	7439-89-6	0.234	0.063		634	
	non noble metal	copper	7440-50-8	234.187	63.361		633612	
wire	non noble metal	aluminium	7429-90-5	0.723	0.196	0.196	1956	1956
encapsulation	inorganic material	zincoxide	1314-13-2	1.278	0.346	34.569	3457	345689
	miscellaneous	miscellaneous	-	6.388	1.728		17284	
	plastics	epoxy resin	-	19.165	5.185		51853	
	inorganic material	silicondioxide	60676-86-0	100.937	27.309		273094	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.012	1.012	10119	10119
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		246	
solder	non noble metal	tin	7440-31-5	0.028	0.008	0.378	76	3783
	noble metal	silver	7440-22-4	0.035	0.009		95	
	non noble metal	lead	7439-92-1	1.335	0.361		3613	
*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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