

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD30N03S2L-20	**Issued**	14. May 2021
MA#	MA003185298		
Package	PG-TO252-3-11	**Weight***	369.88 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	1.348	0.36	0.36	3644	3644
leadframe	inorganic material	phosphorus	7723-14-0	0.065	0.02		175	
	non noble metal	iron	7439-89-6	0.215	0.06		582	
	non noble metal	copper	7440-50-8	215.017	58.14	58.22	581313	582070
wire	non noble metal	aluminium	7429-90-5	1.487	0.40	0.40	4021	4021
encapsulation	inorganic material	zincoxide	1314-13-2	1.272	0.34		3440	
	miscellaneous	miscellaneous	-	6.362	1.72		17201	
	plastics	epoxy resin	-	19.087	5.16		51603	
	inorganic material	silicondioxide	60676-86-0	100.524	27.18	34.40	271774	344018
leadfinish	non noble metal	tin	7440-31-5	3.740	1.01	1.01	10111	10111
plating	inorganic material	phosphorus	7723-14-0	0.000			1	
	non noble metal	nickel	7440-02-0	0.091	0.02	0.02	245	246
solder	non noble metal	tin	7440-31-5	0.029	0.01		79	
	noble metal	silver	7440-22-4	0.037	0.01		99	
	non noble metal	lead	7439-92-1	1.404	0.38	0.40	3796	3974
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			16	
	non noble metal	iron	7439-89-6	0.019	0.01		52	
	non noble metal	copper	7440-50-8	19.177	5.18	5.19	51848	51916
*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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