

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPD78CN10N G	**Issued**	08. April 2022
MA#	MA005710501		
Package	PG-TO252-3-313	**Weight***	317.70 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	1.177	0.37	0.37	3704	3704
leadframe	inorganic material	phosphorus	7723-14-0	0.044	0.01		139	
	non noble metal	iron	7439-89-6	0.147	0.05		464	
	non noble metal	copper	7440-50-8	147.096	46.30	46.36	463007	463610
wire	non noble metal	aluminium	7429-90-5	0.709	0.22	0.22	2232	2232
encapsulation	inorganic material	zincoxide	1314-13-2	1.424	0.45		4481	
	miscellaneous	miscellaneous	-	7.118	2.24		22404	
	plastics	epoxy resin	-	21.353	6.72		67213	
	inorganic material	silicondioxide	60676-86-0	112.461	35.40	44.81	353990	448088
leadfinish	non noble metal	tin	7440-31-5	3.740	1.18	1.18	11772	11772
plating	inorganic material	phosphorus	7723-14-0	0.003			11	
	non noble metal	nickel	7440-02-0	1.421	0.45	0.45	4471	4482
solder	non noble metal	tin	7440-31-5	0.036	0.01		113	
	noble metal	silver	7440-22-4	0.045	0.01		142	
	non noble metal	lead	7439-92-1	1.720	0.54	0.56	5415	5670
heatspreader	inorganic material	phosphorus	7723-14-0	0.006			18	
	non noble metal	iron	7439-89-6	0.019	0.01		60	
	non noble metal	copper	7440-50-8	19.177	6.04	6.05	60364	60442
*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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