

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPT012N06N	**Issued**	24. February 2022
MA#	MA005709029		
Package	PG-HSOF-8-1	**Weight***	773.14 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	3.699	0.48	0.48	4785	4785
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		163	
	non noble metal	iron	7439-89-6	0.421	0.05		544	
	non noble metal	copper	7440-50-8	420.040	54.32	54.39	543295	544002
wire	non noble metal	aluminium	7429-90-5	16.064	2.08	2.08	20778	20778
encapsulation	inorganic material	zincoxide	1314-13-2	3.224	0.42		4170	
	miscellaneous	miscellaneous	-	12.895	1.67		16678	
	plastics	epoxy resin	-	48.355	6.25		62544	
	inorganic material	silicondioxide	60676-86-0	257.894	33.36	41.70	333569	416961
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8380	8380
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	680	682
solder	non noble metal	tin	7440-31-5	0.068	0.01		88	
	noble metal	silver	7440-22-4	0.085	0.01		110	
	non noble metal	lead	7439-92-1	3.258	0.42	0.44	4214	4412
*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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