

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPT020N10N5	**Issued**	15. May 2021
MA#	MA004038094		
Package	PG-HSOF-8-1	**Weight***	775.75 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	5.694	0.73	0.73	7341	7341
leadframe	inorganic material	phosphorus	7723-14-0	0.126	0.02		163	
	non noble metal	iron	7439-89-6	0.421	0.05		542	
	non noble metal	copper	7440-50-8	420.040	54.14	54.21	541464	542169
wire	non noble metal	aluminium	7429-90-5	20.037	2.58	2.58	25830	25830
encapsulation	inorganic material	zincoxide	1314-13-2	3.176	0.41		4095	
	miscellaneous	miscellaneous	-	12.705	1.64		16378	
	plastics	epoxy resin	-	47.646	6.14		61419	
	inorganic material	silicondioxide	60676-86-0	254.110	32.76	40.95	327567	409459
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8352	8352
plating	inorganic material	phosphorus	7723-14-0	0.001			2	
	non noble metal	nickel	7440-02-0	0.526	0.07	0.07	678	680
solder	non noble metal	tin	7440-31-5	0.096	0.01		123	
	noble metal	silver	7440-22-4	0.120	0.02		154	
	non noble metal	lead	7439-92-1	4.571	0.59	0.62	5892	6169
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com