



## Material Content Data Sheet



<b>Sales Product Name</b>		IPT020N10N3		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001142054						
<b>Package</b>		PG-HSOF-8-1		<b>Weight*</b>		772.98 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	7.025	0.91	0.91	9088	9088
leadframe	non noble metal	iron	7439-89-6	0.421	0.05		544	
	inorganic material	phosphorus	7723-14-0	0.126	0.02		163	
	non noble metal	copper	7440-50-8	420.040	54.33	54.40	543407	544114
wire	non noble metal	aluminium	7429-90-5	15.425	2.00	2.00	19956	19956
encapsulation	organic material	carbon black	1333-86-4	4.754	0.62		6150	
	plastics	epoxy resin	-	52.291	6.76		67649	
	inorganic material	silicondioxide	60676-86-0	259.871	33.62	41.00	336196	409995
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8382	8382
plating	non noble metal	nickel	7440-02-0	0.526	0.07		680	
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.07	2	682
solder	noble metal	silver	7440-22-4	0.150	0.02		195	
	non noble metal	tin	7440-31-5	0.120	0.02		156	
	non noble metal	lead	7439-92-1	5.745	0.74	0.78	7432	7783
*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 München
Internet	www.infineon.com