



## Material Content Data Sheet



<b>Sales Product Name</b>		IPT004N03L		<b>Issued</b>		25. September 2017			
<b>MA#</b>		MA001049824							
<b>Package</b>		PG-HSOF-8-1		<b>Weight*</b>		772.02 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	5.854	0.76	0.76	7583	7583	
leadframe	non noble metal	iron	7439-89-6	0.421	0.05		545		
	inorganic material	phosphorus	7723-14-0	0.126	0.02		163		
	non noble metal	copper	7440-50-8	420.040	54.40	54.47	544079	544787	
wire	non noble metal	aluminium	7429-90-5	15.327	1.99	1.99	19853	19853	
encapsulation	organic material	carbon black	1333-86-4	4.772	0.62		6181		
	plastics	epoxy resin	-	52.491	6.80		67993		
	inorganic material	silicondioxide	60676-86-0	260.867	33.79	41.21	337902	412076	
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8392	8392	
plating	non noble metal	nickel	7440-02-0	0.526	0.07		681		
	inorganic material	phosphorus	7723-14-0	0.001	0.00	0.07	2	683	
solder	noble metal	silver	7440-22-4	0.128	0.02		166		
	non noble metal	tin	7440-31-5	0.102	0.01		133		
	non noble metal	lead	7439-92-1	4.885	0.63	0.66	6327	6626	
*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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