



Material Content Data Sheet



Sales Product Name		IPT012N08N5		Issued		19. July 2018		
MA#		MA001238926						
Package		PG-HSOF-8-1		Weight*		772.86 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	9090	9090
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	54.34	54.41	543486	544193
wire	non noble metal	aluminium	7429-90-5	14.422	1.87	1.87	18660	18660
encapsulation	organic material	carbon black	1333-86-4	4.767	0.62		6168	
	plastics	epoxy resin	-	52.438	6.78		67849	
	inorganic material	silicondioxide	60676-86-0	260.603	33.72	41.12	337191	411208
leadfinish	non noble metal	tin	7440-31-5	6.479	0.84	0.84	8383	8383
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	7433	7784
*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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