



Material Content Data Sheet



Sales Product Name				PTVA084007NF V1 R5		Issued		24. January 2018	
MA#				MA001693402					
Package				PG-HBSOF-4-2		Weight*		3115.14 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	non noble metal	tin	7440-31-5	0.327	0.01		105		
	noble metal	gold	7440-57-5	1.270	0.04		408		
	inorganic material	silicon	7440-21-3	8.627	0.28	0.33	2770	3283	
leadframe	inorganic material	phosphorus	7723-14-0	0.142	0.00		46		
	non noble metal	zinc	7440-66-6	0.567	0.02		182		
	non noble metal	iron	7439-89-6	11.341	0.36		3641		
	non noble metal	copper	7440-50-8	460.499	14.78	15.16	147826	151695	
wire	noble metal	gold	7440-57-5	12.258	0.39	0.39	3935	3935	
encapsulation	organic material	carbon black	1333-86-4	3.031	0.10		973		
	plastics	epoxy resin	-	118.196	3.79		37942		
	inorganic material	silicondioxide	60676-86-0	888.993	28.54	32.43	285378	324293	
leadfinish	non noble metal	tin	7440-31-5	28.819	0.93	0.93	9251	9251	
plating	noble metal	silver	7440-22-4	4.402	0.14	0.14	1413	1413	
heat sink CLIP	inorganic material	phosphorus	7723-14-0	0.473	0.02		152		
	non noble metal	iron	7439-89-6	1.577	0.05		506		
	non noble metal	copper	7440-50-8	1574.615	50.55	50.62	505472	506130	
*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 does not use any exemption

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