



Material Content Data Sheet



Sales Product Name				PTRA094808NF V1 R5		Issued		24. January 2018	
MA#				MA001650094					
Package				PG-HBSOF-6-2		Weight*		3179.31 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	0.312	0.01		98		
	noble metal	gold	7440-57-5	1.211	0.04		381		
	inorganic material	silicon	7440-21-3	8.259	0.26	0.31	2598	3077	
leadframe	inorganic material	phosphorus	7723-14-0	0.136	0.00		43		
	non noble metal	zinc	7440-66-6	0.545	0.02		172		
	non noble metal	iron	7439-89-6	10.909	0.34		3431		
	non noble metal	copper	7440-50-8	442.945	13.93	14.29	139321	142967	
wire	noble metal	gold	7440-57-5	9.951	0.31	0.31	3130	3130	
encapsulation	organic material	carbon black	1333-86-4	2.847	0.09		896		
	plastics	epoxy resin	-	111.049	3.49		34929		
	inorganic material	silicondioxide	60676-86-0	835.244	26.27	29.85	262712	298537	
leadfinish	non noble metal	tin	7440-31-5	28.098	0.88	0.88	8838	8838	
plating	noble metal	silver	7440-22-4	12.471	0.39	0.39	3923	3923	
heat spreader	inorganic material	phosphorus	7723-14-0	0.515	0.02		162		
	non noble metal	iron	7439-89-6	1.715	0.05		540		
	non noble metal	copper	7440-50-8	1713.102	53.90	53.97	538826	539528	
*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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