



## Material Content Data Sheet



<b>Sales Product Name</b>		PTVA082407NF V1 R5		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA001642844						
<b>Package</b>		PG-HBSOF-4-1		<b>Weight*</b>		3203.78 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	noble metal	gold	7440-57-5	1.210	0.04		378	
	non noble metal	tin	7440-31-5	0.312	0.01		97	
	inorganic material	silicon	7440-21-3	7.779	0.24	0.29	2428	2903
leadframe	inorganic material	phosphorus	7723-14-0	0.142	0.00		44	
	non noble metal	zinc	7440-66-6	0.567	0.02		177	
	non noble metal	iron	7439-89-6	11.340	0.35		3539	
	non noble metal	copper	7440-50-8	460.434	14.37	14.74	143716	147476
wire	noble metal	gold	7440-57-5	11.513	0.36	0.36	3593	3593
encapsulation	organic material	carbon black	1333-86-4	2.956	0.09		923	
	plastics	epoxy resin	-	115.299	3.60		35988	
	inorganic material	silicondioxide	60676-86-0	867.204	27.07	30.76	270682	307593
leadfinish	non noble metal	nickel	7440-02-0	1.761	0.06	0.06	550	599
	noble metal	palladium	7440-05-3	0.060	0.00		19	
	noble metal	gold	7440-57-5	0.097	0.00		30	
plating	non noble metal	nickel	7440-02-0	1.996	0.06	0.06	623	678
	noble metal	palladium	7440-05-3	0.068	0.00		21	
	noble metal	gold	7440-57-5	0.109	0.00		34	
heatspreader	non noble metal	iron	7439-89-6	1.721	0.05		537	
	inorganic material	phosphorus	7723-14-0	0.516	0.02		161	
	non noble metal	copper	7440-50-8	1718.697	53.66	53.73	536460	537158
*deviation	< 10%				Sum in total:	100.00		1000000

### Important Remarks:

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