



## Material Content Data Sheet



<b>Sales Product Name</b>				PTVA120252MT V1 R1K		<b>Issued</b>		22. January 2018	
<b>MA#</b>				MA001503282					
<b>Package</b>				PG-SON-16-1		<b>Weight*</b>		66.93 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	0.017	0.03		254		
	noble metal	gold	7440-57-5	0.066	0.10		986		
	inorganic material	silicon	7440-21-3	0.432	0.64	0.77	6450	7690	
leadframe	inorganic material	phosphorus	7723-14-0	0.007	0.01		107		
	non noble metal	zinc	7440-66-6	0.029	0.04		428		
	non noble metal	iron	7439-89-6	0.573	0.86		8567		
	non noble metal	copper	7440-50-8	23.280	34.79	35.70	347859	356961	
wire	noble metal	gold	7440-57-5	0.491	0.73	0.73	7337	7337	
encapsulation	organic material	carbon black	1333-86-4	0.210	0.31		3130		
	plastics	epoxy resin	-	5.657	8.45		84522		
	inorganic material	silicondioxide	60676-86-0	36.035	53.85	62.61	538440	626092	
leadfinish	noble metal	palladium	7440-05-3	0.002	0.00		27		
	noble metal	gold	7440-57-5	0.003	0.00		44		
	non noble metal	nickel	7440-02-0	0.053	0.08	0.08	799	870	
plating	noble metal	palladium	7440-05-3	0.002	0.00		33		
	noble metal	gold	7440-57-5	0.004	0.01		53		
	non noble metal	nickel	7440-02-0	0.065	0.10	0.11	964	1050	
*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

Company	Infineon Technologies AG
Address	81726 München
Internet	www.infineon.com