



Material Content Data Sheet



Sales Product Name				PTVA120121M V1 R1K		Issued		19. January 2018	
MA#				MA001345856					
Package				PG-SON-10-1		Weight*		23.59 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	0.009	0.04		361		
	noble metal	gold	7440-57-5	0.033	0.14		1399		
	inorganic material	silicon	7440-21-3	0.216	0.91	1.09	9149	10909	
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		113		
	non noble metal	zinc	7440-66-6	0.011	0.05		452		
	non noble metal	iron	7439-89-6	0.213	0.90		9048		
	non noble metal	copper	7440-50-8	8.667	36.74	37.70	367390	377003	
wire	noble metal	gold	7440-57-5	0.061	0.26	0.26	2575	2575	
encapsulation	organic material	carbon black	1333-86-4	0.072	0.30		3032		
	plastics	epoxy resin	-	1.931	8.19		81863		
	inorganic material	silicondioxide	60676-86-0	12.302	52.15	60.64	521499	606394	
leadfinish	non noble metal	nickel	7440-02-0	0.020	0.09		851		
	noble metal	palladium	7440-05-3	0.001	0.00		29		
	noble metal	gold	7440-57-5	0.001	0.00	0.09	47	927	
plating	noble metal	palladium	7440-05-3	0.002	0.01		69		
	noble metal	gold	7440-57-5	0.003	0.01		110		
	non noble metal	nickel	7440-02-0	0.047	0.20	0.22	2013	2192	
*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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