



## Material Content Data Sheet



<b>Sales Product Name</b>				PTFA220121M V4 R1K		<b>Issued</b>		25. January 2018	
<b>MA#</b>				MA001421074					
<b>Package</b>				PG-SON-10-1		<b>Weight*</b>		24.00 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	0.014	0.06		588		
	noble metal	gold	7440-57-5	0.055	0.23		2281		
	inorganic material	silicon	7440-21-3	0.353	1.47	1.76	14712	17581	
leadframe	inorganic material	phosphorus	7723-14-0	0.003	0.01		111		
	non noble metal	zinc	7440-66-6	0.011	0.04		445		
	non noble metal	iron	7439-89-6	0.213	0.89		8895		
	non noble metal	copper	7440-50-8	8.667	36.12	37.06	361167	370618	
wire	noble metal	gold	7440-57-5	0.465	1.94	1.94	19366	19366	
encapsulation	organic material	carbon black	1333-86-4	0.071	0.29		2947		
	plastics	epoxy resin	-	1.909	7.96		79565		
	inorganic material	silicondioxide	60676-86-0	12.163	50.69	58.94	506857	589369	
leadfinish	non noble metal	nickel	7440-02-0	0.020	0.08		837		
	noble metal	palladium	7440-05-3	0.001	0.00		29		
	noble metal	gold	7440-57-5	0.001	0.00	0.08	46	912	
plating	noble metal	palladium	7440-05-3	0.002	0.01		67		
	noble metal	gold	7440-57-5	0.003	0.01		108		
	non noble metal	nickel	7440-02-0	0.047	0.20	0.22	1979	2154	
*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.
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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