



Material Content Data Sheet



Sales Product Name		PTFA220041M V4		Issued		19. January 2018			
MA#		MA001214778							
Package		PG-SON-10-1		Weight*		23.98 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		2282		
	inorganic material	silicon	7440-21-3	0.353	1.47	1.76	14721	17591	
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		8900		
	non noble metal	copper	7440-50-8	8.667	36.14	37.08	361381	370837	
wire	noble metal	gold	7440-57-5	0.449	1.87	1.87	18713	18713	
	encapsulation	organic material	carbon black	1333-86-4	0.071	0.29		2949	
		plastics	epoxy resin	-	1.909	7.96		79622	
	inorganic material	silicondioxide	60676-86-0	12.164	50.74	58.99	507219	589790	
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		68		
	noble metal	gold	7440-57-5	0.003	0.01		109		
	non noble metal	nickel	7440-02-0	0.047	0.20	0.22	1980	2157	
*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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