



Material Content Data Sheet



Sales Product Name		TCA3727G		Issued		25. September 2017		
MA#		MA000924696						
Package		PG-DSO-24-13		Weight*		716.94 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	13.850	1.93	1.93	19319	19319
leadframe	inorganic material	phosphorus	7723-14-0	0.050	0.01		70	
	non noble metal	zinc	7440-66-6	0.202	0.03		281	
	non noble metal	iron	7439-89-6	4.030	0.56		5621	
wire	non noble metal	copper	7440-50-8	163.640	22.82	23.42	228249	234221
	noble metal	gold	7440-57-5	0.586	0.08	0.08	818	818
	encapsulation	organic material	carbon black	1333-86-4	1.053	0.15		1469
encapsulation	plastics	epoxy resin	-	48.440	6.76		67565	
	inorganic material	silicondioxide	60676-86-0	477.028	66.53	73.44	665370	734404
leadfinish	non noble metal	tin	7440-31-5	3.194	0.45	0.45	4455	4455
plating	noble metal	silver	7440-22-4	1.086	0.15	0.15	1514	1514
glue	plastics	epoxy resin	-	0.944	0.13		1317	
	noble metal	silver	7440-22-4	2.833	0.40	0.53	3952	5269
*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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