



## Material Content Data Sheet



<b>Sales Product Name</b>		ISO2H823V2.5		<b>Issued</b>		19. July 2018		
<b>MA#</b>		MA001243348						
<b>Package</b>		PG-VQFN-70-2		<b>Weight*</b>		324.08 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	8.638	2.67	2.67	26653	26653
leadframe	inorganic material	phosphorus	7723-14-0	0.031	0.01		96	
	non noble metal	zinc	7440-66-6	0.125	0.04		386	
	non noble metal	iron	7439-89-6	2.500	0.77		7715	
wire	non noble metal	copper	7440-50-8	101.528	31.33	32.15	313277	321474
	noble metal	palladium	7440-05-3	0.005	0.00		16	
	non noble metal	copper	7440-50-8	2.011	0.62	0.62	6205	6221
encapsulation	organic material	carbon black	1333-86-4	0.988	0.30		3050	
	plastics	epoxy resin	-	30.639	9.45		94542	
	inorganic material	silicondioxide	60676-86-0	166.046	51.24	60.99	512356	609948
leadfinish	non noble metal	tin	7440-31-5	3.433	1.06	1.06	10594	10594
plating	noble metal	silver	7440-22-4	4.692	1.45	1.45	14477	14477
glue	plastics	epoxy resin	-	0.551	0.17		1701	
	noble metal	silver	7440-22-4	2.895	0.89	1.06	8932	10633
*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.
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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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