

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ISO2H823V2.5	**Issued**	24. June 2021
MA#	MA005555288		
Package	PG-VQFN-70-3	**Weight***	310.28 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	14.232	4.59	4.59	45869	45869
chip_2	inorganic material	silicon	7440-21-3	4.319	1.39	1.39	13919	13919
leadframe	inorganic material	phosphorus	7723-14-0	0.031	0.01		101	
	non noble metal	zinc	7440-66-6	0.125	0.04		403	
	non noble metal	iron	7439-89-6	2.503	0.81		8067	
	non noble metal	copper	7440-50-8	101.629	32.75	33.61	327540	336111
wire	noble metal	palladium	7440-05-3	0.006			18	
	non noble metal	copper	7440-50-8	0.551	0.18		1775	
	non noble metal	copper	7440-50-8	1.417	0.46	0.64	4566	6359
encapsulation	organic material	carbon black	1333-86-4	0.874	0.28		2817	
	plastics	epoxy resin	-	27.094	8.73		87323	
	inorganic material	silicondioxide	60676-86-0	146.835	47.32	56.33	473235	563375
leadfinish	non noble metal	tin	7440-31-5	3.181	1.03	1.03	10254	10254
plating	noble metal	silver	7440-22-4	1.924	0.62	0.62	6202	6202
glue	plastics	epoxy resin	-	0.889	0.29		2866	
	noble metal	silver	7440-22-4	4.668	1.50	1.79	15045	17911
*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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