

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPZA65R029CFD7	**Issued**	03. June 2021
MA#	MA005419636		
Package	PG-TO247-4-3	**Weight***	6300.55 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	21.570	0.34	0.34	3424	3424
leadframe	inorganic material	phosphorus	7723-14-0	1.279	0.02		203	
	non noble metal	iron	7439-89-6	4.263	0.07		677	
	non noble metal	copper	7440-50-8	4,257.756	67.58	67.67	675774	676654
wire	non noble metal	aluminium	7429-90-5	18.740	0.30	0.30	2974	2974
encapsulation	organic material	carbon black	1333-86-4	19.525	0.31		3099	
	plastics	epoxy resin	-	370.975	5.89		58880	
	inorganic material	silicondioxide	60676-86-0	1,561.998	24.79	30.99	247914	309893
leadfinish	non noble metal	tin	7440-31-5	34.164	0.54	0.54	5422	5422
plating	non noble metal	nickel	7440-02-0	1.950	0.03	0.03	310	310
solder	non noble metal	antimony	7440-36-0	0.833	0.01		132	
	noble metal	silver	7440-22-4	2.083	0.03		331	
	non noble metal	tin	7440-31-5	5.417	0.09	0.13	860	1323
*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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