

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPZA65R018CFD7	**Issued**	03. June 2021
MA#	MA005417015		
Package	PG-TO247-4-3	**Weight***	6306.25 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	35.362	0.56	0.56	5607	5607
leadframe	inorganic material	phosphorus	7723-14-0	1.279	0.02		203	
	non noble metal	iron	7439-89-6	4.263	0.07		676	
	non noble metal	copper	7440-50-8	4,257.756	67.51	67.60	675164	676043
wire	non noble metal	aluminium	7429-90-5	19.345	0.31	0.31	3068	3068
encapsulation	organic material	carbon black	1333-86-4	19.397	0.31		3076	
	plastics	epoxy resin	-	368.541	5.84		58441	
	inorganic material	silicondioxide	60676-86-0	1,551.752	24.61	30.76	246066	307583
leadfinish	non noble metal	tin	7440-31-5	34.164	0.54	0.54	5417	5417
plating	non noble metal	nickel	7440-02-0	1.950	0.03	0.03	309	309
solder	non noble metal	antimony	7440-36-0	1.244	0.02		197	
	noble metal	silver	7440-22-4	3.111	0.05		493	
	non noble metal	tin	7440-31-5	8.089	0.13	0.20	1283	1973
*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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