

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPZA60R045P7	**Issued**	05. April 2021
MA#	MA001913446		
Package	PG-TO247-4-3	**Weight***	6294.17 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	13.676	0.22	0.22	2173	2173
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	67.65	67.74	676460	677340
wire	non noble metal	aluminium	7429-90-5	7.866	0.12	0.12	1250	1250
encapsulation	organic material	carbon black	1333-86-4	19.673	0.31		3126	
	plastics	epoxy resin	-	373.794	5.94		59387	
	inorganic material	silicondioxide	60676-86-0	1,573.872	25.01	31.26	250053	312566
leadfinish	non noble metal	tin	7440-31-5	34.164	0.54	0.54	5428	5428
plating	non noble metal	nickel	7440-02-0	1.950	0.03	0.03	310	310
solder	non noble metal	antimony	7440-36-0	0.588	0.01		93	
	noble metal	silver	7440-22-4	1.469	0.02		233	
	non noble metal	tin	7440-31-5	3.820	0.06	0.09	607	933
*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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