



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPZA60R037P7	Issued	14. February 2022
MA#	MA005621033		
Package	PG-TO247-4-3	Weight*	6297.13 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	18.048	0.29	0.29	2866	2866
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	67.61	67.70	676142	677022
wire	non noble metal	aluminium	7429-90-5	11.900	0.19	0.19	1890	1890
encapsulation	organic material	carbon black	1333-86-4	19.605	0.31		3113	
	plastics	epoxy resin	-	372.502	5.92		59154	
	inorganic material	silicondioxide	60676-86-0	1,568.428	24.91	31.14	249071	311338
leadfinish	non noble metal	tin	7440-31-5	34.164	0.54	0.54	5425	5425
plating	non noble metal	nickel	7440-02-0	1.950	0.03	0.03	310	310
solder	non noble metal	antimony	7440-36-0	0.723	0.01		115	
	noble metal	silver	7440-22-4	1.809	0.03		287	
	non noble metal	tin	7440-31-5	4.702	0.07	0.11	747	1149
*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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