

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPZA60R024P7	**Issued**	05. April 2021
MA#	MA001913450		
Package	PG-TO247-4-3	**Weight***	6299.92 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	24.892	0.40	0.40	3951	3951
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	675842	676722
wire	non noble metal	aluminium	7429-90-5	11.832	0.19	0.19	1878	1878
encapsulation	organic material	carbon black	1333-86-4	19.544	0.31		3102	
	plastics	epoxy resin	-	371.339	5.89		58943	
	inorganic material	silicondioxide	60676-86-0	1,563.534	24.82	31.02	248183	310228
leadfinish	non noble metal	tin	7440-31-5	34.164	0.54	0.54	5423	5423
plating	non noble metal	nickel	7440-02-0	1.950	0.03	0.03	310	310
solder	non noble metal	antimony	7440-36-0	0.937	0.01		149	
	noble metal	silver	7440-22-4	2.342	0.04		372	
	non noble metal	tin	7440-31-5	6.090	0.10	0.15	967	1488
*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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