



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPZA60R120P7	Issued	24. June 2021
MA#	MA005542752		
Package	PG-TO247-4-3	Weight*	6289.53 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	5.679	0.09	0.09	903	903
leadframe	inorganic material	phosphorus	7723-14-0	1.279	0.02		203	
	non noble metal	iron	7439-89-6	4.263	0.07		678	
	non noble metal	copper	7440-50-8	4,257.756	67.72	67.81	676959	677840
wire	non noble metal	aluminium	7429-90-5	4.073	0.06	0.06	648	648
encapsulation	organic material	carbon black	1333-86-4	19.773	0.31		3144	
	plastics	epoxy resin	-	375.692	5.97		59733	
	inorganic material	silicondioxide	60676-86-0	1,581.859	25.15	31.43	251506	314383
leadfinish	non noble metal	tin	7440-31-5	34.164	0.54	0.54	5432	5432
plating	non noble metal	nickel	7440-02-0	1.950	0.03	0.03	310	310
solder	non noble metal	antimony	7440-36-0	0.304			48	
	noble metal	silver	7440-22-4	0.761	0.01		121	
	non noble metal	tin	7440-31-5	1.979	0.03	0.04	315	484
*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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