

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPZA60R120P7	**Issued**	11. December 2019
MA#	MA005403203		
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	4257.756	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	1581.859	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	0.00		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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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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