



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPZA60R180P7	Issued	02. June 2021
MA#	MA001983748		
Package	PG-TO247-4-3	Weight*	6288.85 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	4.174	0.07	0.07	664	664
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	67.71	67.80	677033	677914
wire	non noble metal	aluminium	7429-90-5	4.063	0.06	0.06	646	646
encapsulation	organic material	carbon black	1333-86-4	19.787	0.31		3146	
	plastics	epoxy resin	-	375.954	5.98		59781	
	inorganic material	silicondioxide	60676-86-0	1,582.966	25.17	31.46	251710	314637
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	0.249			40	
	noble metal	silver	7440-22-4	0.623	0.01		99	
	non noble metal	tin	7440-31-5	1.621	0.03	0.04	258	397
*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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