

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA60R750E6	**Issued**	25. June 2021
MA#	MA005564619		
Package	PG-TO220-3-317	**Weight***	2113.07 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	2.737	0.13	0.13	1295	1295
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		171	
	non noble metal	iron	7439-89-6	1.202	0.06		569	
	non noble metal	copper	7440-50-8	1,200.685	56.81	56.89	568218	568958
wire	non noble metal	aluminium	7429-90-5	0.978	0.05	0.05	463	463
encapsulation	organic material	carbon black	1333-86-4	8.869	0.42		4197	
	plastics	epoxy resin	-	142.622	6.75		67495	
	inorganic material	silicondioxide	60676-86-0	737.979	34.92	42.09	349244	420936
leadfinish	non noble metal	tin	7440-31-5	15.777	0.75	0.75	7467	7467
solder	non noble metal	antimony	7440-36-0	0.186	0.01		88	
	noble metal	silver	7440-22-4	0.466	0.02		220	
	non noble metal	tin	7440-31-5	1.211	0.06	0.09	573	881
*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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