

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPA65R190E6	**Issued**	01. April 2021
MA#	MA001507250		
Package	PG-TO220-3-317	**Weight***	2104.19 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	9.459	0.45	0.45	4495	4495
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		171	
	non noble metal	iron	7439-89-6	1.202	0.06		571	
	non noble metal	copper	7440-50-8	1,200.685	57.07	57.15	570617	571359
wire	non noble metal	aluminium	7429-90-5	3.645	0.17	0.17	1732	1732
encapsulation	organic material	carbon black	1333-86-4	8.661	0.41		4116	
	plastics	epoxy resin	-	141.498	6.72		67246	
	inorganic material	silicondioxide	60676-86-0	726.365	34.52	41.65	345200	416562
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3749	3749
solder	non noble metal	antimony	7440-36-0	0.442	0.02		210	
	noble metal	silver	7440-22-4	1.106	0.05		526	
	non noble metal	tin	7440-31-5	2.876	0.14	0.21	1367	2103
*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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