

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IPAN60R800CE	**Issued**	25. June 2021
MA#	MA005558294		
Package	PG-TO220-3-319	**Weight***	2202.74 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	0.12	0.12	1242	1242
leadframe	inorganic material	phosphorus	7723-14-0	0.345	0.02		156	
	non noble metal	iron	7439-89-6	1.149	0.05		522	
	non noble metal	copper	7440-50-8	1,147.227	52.09	52.16	520819	521497
wire	non noble metal	aluminium	7429-90-5	0.980	0.04	0.04	445	445
encapsulation	organic material	carbon black	1333-86-4	10.387	0.47		4716	
	plastics	epoxy resin	-	166.913	7.58		75775	
	inorganic material	silicondioxide	60676-86-0	863.988	39.22	47.27	392234	472725
leadfinish	non noble metal	tin	7440-31-5	7.148	0.32	0.32	3245	3245
solder	non noble metal	antimony	7440-36-0	0.186	0.01		85	
	noble metal	silver	7440-22-4	0.466	0.02		211	
	non noble metal	tin	7440-31-5	1.211	0.06	0.09	550	846
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com