



Material Content Data Sheet



Halogen-Free

Sales Product Name	IPAN60R280PFD7S	Issued	11. August 2021
MA#	MA005568819		
Package	PG-TO220-3-319	Weight*	2203.48 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	2.932	0.13	0.13	1331	1331
leadframe	inorganic material	phosphorus	7723-14-0	0.345	0.02		156	
	non noble metal	iron	7439-89-6	1.149	0.05		521	
	non noble metal	copper	7440-50-8	1,147.227	52.07	52.14	520644	521321
wire	non noble metal	aluminium	7429-90-5	4.113	0.19	0.19	1867	1867
encapsulation	organic material	carbon black	1333-86-4	10.362	0.47		4703	
	plastics	epoxy resin	-	166.466	7.55		75547	
	inorganic material	silicondioxide	60676-86-0	861.793	39.11	47.13	391106	471356
leadfinish	non noble metal	tin	7440-31-5	7.148	0.32	0.32	3244	3244
solder	non noble metal	antimony	7440-36-0	0.194	0.01		88	
	noble metal	silver	7440-22-4	0.486	0.02		220	
	non noble metal	tin	7440-31-5	1.263	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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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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