



Material Content Data Sheet



Sales Product Name		IPAN70R900P7S		Issued		31. July 2018		
MA#		MA002555322						
Package		PG-TO220-3-319		Weight*		2202.84 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	1.203	0.05	0.05	546	546
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	1147.227	52.10	52.17	520796	521473
	non noble metal	aluminium	7429-90-5	0.248	0.01	0.01	113	113
wire	organic material	carbon black	1333-86-4	10.438	0.47		4738	
	plastics	epoxy resin	-	167.179	7.59		75893	
encapsulation	inorganic material	silicondioxide	60676-86-0	866.791	39.35	47.41	393488	474119
	non noble metal	tin	7440-31-5	7.148	0.32	0.32	3245	3245
leadfinish	non noble metal	antimony	7440-36-0	0.111	0.00		50	
	noble metal	silver	7440-22-4	0.278	0.01		126	
solder	non noble metal	tin	7440-31-5	0.722	0.03	0.04	328	504
	*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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