



Material Content Data Sheet



Sales Product Name		IPAN60R800CE		Issued		1. August 2018		
MA#		MA002187812						
Package		PG-TO220-3-319		Weight*		2202.70 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	1147.227	52.08	52.15	520828	521506
	non noble metal	aluminium	7429-90-5	0.787	0.04	0.04	357	357
wire	organic material	carbon black	1333-86-4	10.392	0.47		4718	
	plastics	epoxy resin	-	166.899	7.58		75770	
encapsulation	inorganic material	silicondioxide	60676-86-0	864.150	39.23	47.28	392315	472803
	non noble metal	tin	7440-31-5	7.148	0.32	0.32	3245	3245
leadfinish	non noble metal	antimony	7440-36-0	0.186	0.01		85	
	noble metal	silver	7440-22-4	0.466	0.02		212	
solder	non noble metal	tin	7440-31-5	1.212	0.06	0.09	550	847
				Sum in total:		100.00		1000000
*deviation	< 10%							

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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