



Material Content Data Sheet



Sales Product Name	SPA11N60C3			Issued	20. July 2018			
MA#	MA001056160							
Package	PG-TO220-3-253			Weight*	2134.94 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	7.017	0.33	0.33	3287	3287
leadframe	non noble metal	iron	7439-89-6	1.431	0.07		670	
	inorganic material	phosphorus	7723-14-0	0.429	0.02		201	
	non noble metal	copper	7440-50-8	1428.770	66.92	67.01	669233	670104
wire	non noble metal	aluminium	7429-90-5	7.789	0.36	0.36	3648	3648
encapsulation	organic material	carbon black	1333-86-4	3.314	0.16		1552	
	plastics	epoxy resin	-	129.235	6.05		60533	
	inorganic material	silicondioxide	60676-86-0	530.195	24.83	31.04	248342	310427
leadfinish	non noble metal	tin	7440-31-5	21.462	1.01	1.01	10053	10053
plating	non noble metal	nickel	7440-02-0	1.764	0.08	0.08	826	826
solder	non noble metal	antimony	7440-36-0	0.353	0.02		165	
	noble metal	silver	7440-22-4	0.883	0.04		414	
	non noble metal	tin	7440-31-5	2.296	0.11	0.17	1076	1655
*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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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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