

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SPA15N60C3	**Issued**	25. June 2021
MA#	MA005558751		
Package	PG-TO220-3-317	**Weight***	2104.86 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	9.195	0.44	0.44	4368	4368
leadframe	inorganic material	phosphorus	7723-14-0	0.361	0.02		171	
	non noble metal	iron	7439-89-6	1.202	0.06		571	
	non noble metal	copper	7440-50-8	1,200.685	57.05	57.13	570435	571177
wire	non noble metal	aluminium	7429-90-5	3.751	0.18	0.18	1782	1782
encapsulation	organic material	carbon black	1333-86-4	8.686	0.41		4127	
	plastics	epoxy resin	-	141.460	6.72		67206	
	inorganic material	silicondioxide	60676-86-0	727.312	34.55	41.68	345540	416873
leadfinish	non noble metal	tin	7440-31-5	7.889	0.37	0.37	3748	3748
solder	non noble metal	antimony	7440-36-0	0.432	0.02		205	
	noble metal	silver	7440-22-4	1.080	0.05		513	
	non noble metal	tin	7440-31-5	2.807	0.13	0.20	1334	2052
*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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