



## Material Content Data Sheet



<b>Sales Product Name</b>		SPA15N65C3		<b>Issued</b>		24. January 2018		
<b>MA#</b>		MA000363115						
<b>Package</b>		PG-TO220-3-31		<b>Weight*</b>		2259.59 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	0.41	0.41	4069	4069
leadframe	non noble metal	zinc	7440-66-6	0.925	0.04		409	
	non noble metal	copper	7440-50-8	615.788	27.25	27.29	272522	272931
wire	non noble metal	aluminium	7429-90-5	3.362	0.15	0.15	1488	1488
encapsulation	organic material	carbon black	1333-86-4	2.244	0.10		993	
	plastics	epoxy resin	-	210.950	9.34		93358	
	inorganic material	silicondioxide	60676-86-0	908.881	40.22	49.66	402234	496585
leadfinish	non noble metal	tin	7440-31-5	6.173	0.27	0.27	2732	2732
plating	non noble metal	nickel	7440-02-0	0.671	0.03	0.03	297	297
solder	non noble metal	antimony	7440-36-0	0.432	0.02		191	
	noble metal	silver	7440-22-4	1.080	0.05		478	
	non noble metal	tin	7440-31-5	2.807	0.12	0.19	1242	1911
heatspreader	non noble metal	zinc	7440-66-6	0.746	0.03		330	
	non noble metal	copper	7440-50-8	496.335	21.97	22.00	219657	219987
*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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